



## Iris um Oifig Maoine Intleachtúla na hÉireann Journal of the Intellectual Property Office of Ireland

Iml. 101

Cill Chainnigh 11 March 2026

Uimh. 2563

### CLÁR INNSTE

<b>Cuid I</b>		<b>Cuid II</b>	
<b>Paitinní</b>		<b>Trádmharcanna</b>	
	<b>Leath</b>		<b>Leath</b>
Official Notice	1	Official Notice	128
Applications for Patents	2	Application for Registration of marks published under Section 43(1) of the 1996 Act following acceptance	129
Applications for Patents Under Section 127A	5	Opposition under Section 43 of the 1996 Act	185
Applications published	5	Application(s) Amended after Advertisement under the 1996 Act following Opposition	185
Applications Under Section 127A Published Under Section 28	9	Applications withdrawn after advertisement under the 1996 Act	186
Patents Granted	9	Applications Withdrawn under Section 45(2)	186
Patents Granted Under European Patent Convention Designating Ireland	10	Trade Marks Registered, Marks whose Registerability was determined under the 1996 Act	186
Applications Lapsed through Non-Payment of Renewal Fees	105	Renewal of Registrations Under Section 48 of the 1996 Act	187
Refused - Section 31(1)	105	Renewal Fees unpaid at date of expiry of Registration or renewal thereof - Rule 39(1)	189
Patents Lapsed through Non-Payment of Renewal Fees	123	Trade Marks Removed From the Register under Section 48 and Rule 39(2)	192
Application for extension of the Duration of a Supplementary Protection Certificate	123	Application to Alter Trade Mark(s) Registered under the 1996 Act	194
		Trade Marks Restored to the Register under Rule 40 of the 1996 Rules	194
		International Registrations under the Madrid Protocol seeking protection in the State.	195
		Publication of International Trade Marks protected.	227
		Cancellations effected for goods/services under the Madrid Protocol	228
<b>Dearachtaí</b>			
Designs Information under the 2001 Act			
Designs Registered	124		
Renewal of Designs	126		
Designs registered under the industrial designs Act, 2001 which have expired due to non-renewal	126		

*The Journal of the Intellectual Property Office of Ireland is published fortnightly.*

*Each issue is freely available to view or download from our website at  
[www.ipoi.gov.ie](http://www.ipoi.gov.ie)*

© *Rialtas na hÉireann, 2026*

© *Government of Ireland, 2026*

**Iris um Oifig Maoine Intleachtúla na hÉireann**  
Journal of the Intellectual Property Office of Ireland  
**Cuid I**  
**Paitinní agus Dearachtaí**

---

**No. 2563****Wednesday, 11 March, 2026**

---

**NOTE:** *The office does not guarantee the accuracy of its publications nor undertake any responsibility for errors or omissions or their consequences.*

*In this Part of the Journal, a reference to a section is to a section of the Patents Act, 1992 unless otherwise stated.*

## **Official Notice**

**Patent Rules 1992 – Rule 77, – Office Closure**

**The Intellectual Property Office of Ireland (IPOI) will be closed for the transaction of business  
on Tuesday 17th March 2026**

**Register of Patent Agents Examination in Law & Practice of Patents**

**It is proposed to hold an online examination in the Law and Practice of Patents on 30 April, 2026.**

**The latest date for receipt of applications from persons who wish to sit this examination is 08  
April, 2026. Candidates wishing to be examined must have submitted in advance to the  
Controller an application form and fee of €200 not later than 08 April, 2026.**

---

## Applications for Patents From 07/02/2026 to 19/02/2026

The names of applicants are in alphabetical order. The title of the invention should not be regarded as an exhaustive indication of the subject-matter. The date immediately following the title is that on which the application was filed; in the case of a divisional application, the filing date of the earlier application is added within parentheses. Where the application invokes the Paris Convention, the Convention country and priority date(s) claimed are given in square brackets. Where an application claimed the priority of an earlier application filed at this Office, this information is given within the square brackets. The number is that of the application and should be used for correspondence purposes up to the date of grant of a patent. The letter S preceding the number indicates that the application is for a short-term patent. A new number will be given when a patent is granted and this new number should be quoted in all correspondence subsequent to grant.

<p>DARREN PATRICK O'DONNELL A bio-templated material in which a naturally grown bacterial cellulose nano-fibrillar network is used as a three-dimensional scaffold and subsequently functionalised to form a composite or metamaterial with altered properties. Darren and Thomas 14 February 2026</p>	<b>20260084</b>
<p>DIARMUID KELLY Advanced Dark Matter Energy Generator Utilizing Galactic Halo Weakly Interacting Massive Particles (WIMPs) with Vacuum-Induced Density Enhancement, Quantum Vacuum Resonator Optimization, Multi-Dimensional Field Interaction, and Non-Baryonic Vacuum Dynamics for Scalable Power Production 16 February 2026</p>	<b>S20260094</b>
<p>DR IURIE TCACIUC Autonomous Chemically Synchronized and Latency-Compensated Dental Hybrid-Layer Stabilization Architecture 15 February 2026</p>	<b>S20260085</b>
<p>DR IURIE TCACIUC Industrial Performance Engineering Platform for Real-Time Multi-Subject Cognitive State Synchronization via Hardware-Intrinsic Spintronic Logic and Topologically Protected Dissipationless Routing 15 February 2026</p>	<b>S20260086</b>
<p>DR IURIE TCACIUC Wearable Spintronic Theranostic Apparatus for Closed-Loop Allostatic Monitoring and Predictive Biological Latency Compensation 13 February 2026</p>	<b>S20260083</b>
<p>EVAGORAS GEORGIOU THERMODYNAMICALLY ADMISSIBLE MULTISCALE GENERIC-BRACKET SYSTEMS AND METHODS FOR PREDICTIVE PERFORMANCE, STABILITY, AND SCALE-UP CONTROL OF PEROVSKITE SOLAR DEVICES 17 February 2026</p>	<b>S20260093</b>
<p>FILIP Portable power bank constructed from recovered vape lithium batteries. 09 February 2026</p>	<b>S20260065</b>
<p>GORDON MCARDLE Multi-Party Cryptographic Authorization System and Method for Privacy-Compliant Data Lifecycle Management in Digital Product Passports for Physical Assets 17 February 2026</p>	<b>S20260095</b>
<p>HARCOURT TECHNOLOGIES IRELAND LIMITED TOWER FOUNDATION STRUCTURE WITH INTEGRATED THERMAL ENERGY STORAGE 09 February 2026</p>	<b>20260063</b>
<p>HOMEPORT CANDLES LIMITED REUSABLE CANDLE LINER, CANDLE PRODUCT, AND CANDLE HOLDER 11 February 2026 [United Kingdom-11 March 2025]</p>	<b>20260081</b>

---

ION ALIN SPIRIDON Method and Apparatus for Templated Epitaxial Growth of Two-Dimensional Materials on Amorphous Substrates Using Lithographically Defined Periodic Pit or Protrusion Arrays, Including Strain, Vacancy, and Dopant Engineering 19 February 2026	<b>20260097</b>
IURIE TCACIUC APPARATUS AND METHOD FOR PREDICTIVE SIGNAL PROCESSING IN LATENCY-COMPENSATED BIO-ELECTRONIC SYSTEMS 10 February 2026	<b>S20260069</b>
JOHN CORKISH A Federated Probabilistic Inference System for Cross-Agency Emergency Resource Management using Temporal Variational Architectures. 16 February 2026	<b>S20260092</b>
JOHN PRICE Inflatable Internal Support System for In-Situ Concrete Wall Construction 16 February 2026	<b>S20260089</b>
KIERAN HERRON Compression-Sealed Curtain System for Temporarily Masking Architectural Openings 16 February 2026	<b>20260090</b>
LEVIAT LIMITED Load-Bearing Device and Construction Having a Load-Bearing Device 09 February 2026 [United Kingdom-17 February 2025]	<b>20260062</b>
MARAVILLA, LLC CAROTENOID FORMULATION FOR INCREASED BIOAVAILABILITY 20 July 2021 [United States of America-21 July 2020 United States of America-15 July 2021]	<b>20260082</b>
NIALL JAMES BYRNE A System and Method for Consent-Controlled Identity Disclosure Using an Immutable Ledger 10 February 2026	<b>20260072</b>
NIXON SIMON Cigarette Filter 10 February 2026	<b>S20260068</b>
OLIVERIS TECH INCUBATOR LIMITED Advanced Sensor Subsystems for Dyanmic Drilling Performance and Lithology Identification in Real Time 16 February 2026 [United States of America-14 February 2025]	<b>S20260091</b>
PENNY PU “A Platform for Coordinating Legal Professionals, Clients, and Legal Processes in a Unified Digital Environment” 09 February 2026	<b>20260064</b>
RICHARD MCGRATH Weak-grid electrical power system using photovoltaic and electric-vehicle power electronics 07 February 2026	<b>S20260060</b>
RICHARD MCGRATH Battery-free single-panel photovoltaic power system for cooking and appliance loads 09 February 2026	<b>S20260067</b>
RICHARD MCGRATH A system for Voltage-Referenced Substitute Load Control at UPS-Protected Electrical Installations 09 February 2026	<b>S20260066</b>
SPOONAPP LTD Transaction-Derived Nutritional Intelligence, Adaptive Cooking Guidance, and Behavioural Incentivisation Platform for Benefit Meal Ecosystems 11 February 2026	<b>20260079</b>
SPOONAPP LTD Dynamic Marketplace Orchestration System for Conditional Benefit Payment with Multi-Factor Merchant Verification and Digital Euro Settlement Channel Integration 11 February 2026	<b>20260078</b>

---

SPOONAPP LTD Digital Meal Token Adaptive Compliance Intelligence, Fraud Detection Engine, Employer Benefit Orchestration, and Culinary Heritage Classification System 11 February 2026	<b>20260077</b>
SPOONAPP LTD Digital Meal Token Intelligent Merchant Infrastructure, Open Banking Benefit Distribution Protocol, and Token Lifecycle Termination System 11 February 2026	<b>20260076</b>
SPOONAPP LTD Digital Meal Token Tokenisation, Credit Delivery, and Multi-Issuer Interoperability System for Stablecoin-Facilitated Meal Benefit Transactions 09 February 2026	<b>20260075</b>
SPOONAPP LTD Cross-Border Portability Protocol and Stablecoin Treasury Optimisation System for Digital Meal Token Management 09 February 2026	<b>20260074</b>
SPOONAPP LTD DIGITAL MEAL TOKEN (DMT) SYSTEM: Multi-Channel Payment Orchestration Engine with Real-Time Threshold Compliance Monitoring and Zero-Hardware Merchant Integration Protocol 15 February 2026	<b>20260087</b>
SPOONAPP LTD DIGITAL MEAL TOKEN (DMT) SYSTEM: Cross-Border Benefit Portability Protocol with Programmable Token Compliance Architecture and Adaptive Regulatory Intelligence Engine 15 February 2026	<b>20260088</b>
SPOONAPP LTD Digital Meal Token (DMT) System: Automated Multi-Channel Payment Orchestration System with MiCA-Compliant Digital Asset Settlement for Regulatory-Compliant Employee and Institutional Benefit Distribution with Global Cross-Border Compliance Management 08 February 2026	<b>20260061</b>
SRUTHI SATLA UNIFIED SYSTEM AND METHODS FOR AUTOMATED PROVENANCE DETECTION, MULTI-DIMENSIONAL VERIFICATION, REGULATORY CERTIFICATION, AUTONOMOUS TRUST GOVERNANCE, CROSS-DOMAIN SAFETY ASSURANCE, AND CONTINUOUS ADAPTIVE INTELLIGENCE OF AI-GENERATED, AI-ORCHESTRATED, AND AI-AUTONOMOUS SOFTWARE SYSTEMS 10 February 2026	<b>S20260073</b>
TIANWEI ZHOU Multi-Agent Adaptive Learning Orchestration System with Session-Level Media Transformation and State-Governed Data Integrity 17 February 2026	<b>S20260096</b>
TOBY STEELE Interactive AI-Facilitated Textile Design 11 February 2026	<b>20260080</b>
VIKTORIIA DRACHUK SMART GLOBAL BUSINESS PLATFORM: AN AI-POWERED DIGITAL ECOSYSTEM FOR AUTOMATED INTERNATIONAL BUSINESS MATCHING AND EXPORT FACILITATION 10 February 2026	<b>S20260071</b>
YUELAI XIN System and Method for Neurological Motor Function Assessment Using Depth-Derived Finger Pose Tracking and Posture-Conditioned Frequency Analysis 10 February 2026	<b>20260070</b>

---

## Applications for Patents Under Section 127A From 09/07/2024 to 10/07/2024

The names of applicants are in alphabetical order. In the case of joint applicants, each name is given independently. The title of the invention should not be regarded as an exhaustive indication of the subject-matter. The date immediately following the title shall be either the date of the originating PCT filing, where applicable, or the date directed by the Controller. The number is that of the application and should be used for correspondence purposes up to the date of grant of a patent. A new number will be given when a patent is granted, and this new number should be quoted in all correspondence subsequent to grant.

SAPPHIRE BALCONIES LIMITED Balcony manipulator and method for manipulating balcony 09 July 2024	<b>20240793</b>
SCHLUMBERGER TECHNOLOGY CORPORATION; SERVICES PETROLIERS SCHLUMBERGER; SCHLUMBERGER TECHNOLOGY B.V. DEVICES, SYSTEMS AND METHODS OF A CUTTING ELEMENT IN A BIT 10 July 2024 [United States of America-10 July 2023]	<b>20240794</b>

## Applications Published Under Section 28

The following applications become open to public inspection as from the date of this issue of the journal unless otherwise specified. The date given is the date of filing of the application or the earliest priority claimed.

<b>2022</b>	<b>S20220196</b>	HAINAN UNIVERSITY, A feed composition, flake feed and preparation method for babylonia areolata. 07 December 2022. Int. Cl. (2025.01) <b>A23K 10/00; A23K 20/00; A23K 40/00; A23K 50/00.</b>
<b>2023</b>	<b>S20230130</b>	INSTITUTE OF DISASTER PREVENTION; HENAN ACADEMY OF GEOLOGY; THE 8TH GEOLOGICAL BRIGADE OF HEBEI BUREAU OF GEOLOGY AND MINERAL RESOURCES EXPLORATION AND DEVELOPMENT (HEBEI MARINE GEOLOGICAL RESOURCES SURVEY CENTER), Comprehensive exploration method of porphyry molybdenum ores and polymetallic minerals. 27 April 2023. Int. Cl. (2025.01) <b>G01V 11/00.</b>
<b>2023</b>	<b>S20230546</b>	SHENZHEN HOSPITAL OF SOUTHERN MEDICAL UNIVERSITY; HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY UNION SHENZHEN HOSPITAL, An application of moxibustion on the Tianshu acupoint in reversing the disappearance reaction of peritoneal macrophages. 15 December 2023. Int. Cl. (2025.01) <b>A61H 39/00.</b>
<b>2023</b>	<b>S20230549</b>	SHUNDE WOMEN AND CHILDREN'S HOSPITAL, GUANGDONG MEDICAL UNIVERSITY (SHUNDE MATERNAL AND CHILD HEALTHCARE HOSITAL), Application of cardiac adriamycin-responsive protein (CARP) in monitoring anthracycline cardiotoxicity. 18 December 2023. Int. Cl. (2025.01) <b>G01N 33/00.</b>

- 2023 S20230566 CHINA UNIVERSITY OF MINING AND TECHNOLOGY; GUANGXI ACADEMY OF SCIENCES; ZAOZHANG UNIVERSITY, METHOD FOR PREDICTING CIRCULAR RNA MARKERS BASED ON NATURAL SEMANTIC ENHANCEMENT. 21 December 2023. Int. Cl. (2025.01) **G06N 3/00; G16B 30/00; G16B 40/00.**
- 2023 S20230567 TARIM UNIVERSITY, A system and method for preventing and treating apple sunburn disease. 20 December 2023. Int. Cl. (2025.01) **A01G 13/00; A01G 15/00.**
- 2023 S20230573 TONGJI HOSPITAL AFFILIATED TO TONGJI MEDICAL COLLEGE OF HUAZHONG UNIVERSITY OF SCIENCE & TECHNOLOGY, An application of ataxia-telangiectasia mutated gene mutations as biological markers in the preparation of drugs for treating colorectal cancer. 22 December 2023. Int. Cl. (2025.01) **C12Q 1/00; A61P 35/00.**
- 2023 S20230574 HUNAN UNIVERSITY OF TECHNOLOGY, A fully automated continuous and highly efficient camellia seed hulling device. 22 December 2023. Int. Cl. (2025.01) **A23N 5/00; B07B 1/00.**
- 2023 S20230575 JIANGXI UNIVERSITY OF SCIENCE AND TECHNOLOGY, A method for in-situ preparation of conductive silver paste for solar cell electrodes. 27 December 2023. Int. Cl. (2025.01) **H01B 1/00; H01B 13/00.**
- 2023 S20230576 SCHOOL OF SCIENCES ZHEJIANG UNIVERSITY OF SCIENCE AND TECHNOLOGY, A defense method against adversarial samples based on the explainability of deep neural network models. 27 December 2023. Int. Cl. (2025.01) **G06N 3/00; G06V 10/00.**
- 2023 S20230577 CHEN YUTAO; LI CHAN, A hand-training device designed for stroke patient care. 27 December 2023. Int. Cl. (2025.01) **A63B 23/00; A63B 21/00; A61H 1/00.**
- 2023 S20230578 XINJIANG INSTITUTE OF ENGINEERING; NORTH CHINA ELECTRIC POWER UNIVERSITY (BAODING); STATE GRID XINJIANG ELECTRIC POWER CO., LTD. ECONOMIC AND TECHNICAL RESEARCH INSTITUTE, A PEMFC cathode catalytic layer based on a low platinum-to-carbon ratio. 22 December 2023. Int. Cl. (2025.01) **H01M 4/00; H01M 8/00.**
- 2023 S20230579 ZHEJIANG INSTITUTE OF SUBTROPICAL CROPS, A method for rapid propagation using the pearl buds of *Titanotrichum oldhamii*. 27 December 2023. Int. Cl. (2025.01) **A01H 4/00.**
-

- 
- |      |           |   |
|------|-----------|---|
| 2023 | S20230580 | GUANGZHOU COLLEGE OF TECHNOLOGY AND BUSINESS, A detection device for wastewater generated during cooled fruit production. 28 December 2023. Int. Cl. (2025.01) <b>G01N 33/00; G01N 1/00.</b>  |
| 2023 | S20230581 | JIANGXI UNIVERSITY OF SCIENCE AND TECHNOLOGY, A method for synthesizing micron-sized hollow spherical silver particles for the electrode aerosol spraying of solar cells. 22 December 2023. Int. Cl. (2025.01) <b>B22F 9/00; B22F 1/00.</b>                         |
| 2023 | S20230582 | SHANGHAI TCM-INTEGRATED HOSPITAL, A traditional Chinese medicine combination for treating acute gouty arthritis, its preparation method, and application. 22 December 2023. Int. Cl. (2025.01) <b>A61K 36/00; A61P 19/00.</b>                                       |
| 2023 | S20230583 | GUIZHOU MEDICAL UNIVERSITY, A quality control preservative for fresh medicinal materials and its preparation method. 22 December 2023. Int. Cl. (2025.01) <b>A61K 47/00.</b>  |
| 2023 | S20230588 | YANGTZE UNIVERSITY, An application of Serendipita indica in the preparation of a product aimed at enhancing the growth capability of walnut seedlings under water-deficit conditions. 31 December 2023. Int. Cl. (2025.01) <b>A01N 63/00; C12N 1/00.</b>            |
| 2023 | S20230595 | TOMMY LINNANE, Roof rafter measurements system. 31 December 2023. Int. Cl. (2025.01) <b>E04G 21/00.</b>   |
| 2024 | S20240037 | DALI UNIVERSITY; DALI NATIONALITY AUTONOMOUS PREFECTURE HOSPITAL, A method for preparing monoclonal antibodies against Escherichia coli O157:H7, gold nanorods, and its preparation. 15 January 2024. Int. Cl. (2025.01) <b>C12P 21/00; C07K 16/00; G01N 33/00.</b> |
| 2024 | S20240039 | WUHAN VOCATIONAL COLLEGE OF SOFTWARE AND ENGINEERING (WUHAN OPEN UNIVERSITY) ; WUHAN VOCATIONAL COLLEGE COMMUNICATIONS AND PUBLISHING, An industrial robot control device. 18 January 2024. Int. Cl. (2025.01) <b>B25J 13/00.</b>                                   |
| 2024 | S20240040 | HANGZHOU NORMAL UNIVERSITY, A contactless life signs monitoring system. 18 January 2024. Int. Cl. (2025.01) <b>A61B 5/00.</b>   |
| 2024 | S20240047 | SHANGHAI JIAO TONG UNIVERSITY SCHOOL OF MEDICINE, An extraction method and application of sea buckthorn-derived exosome-like nanoparticles. 19 January 2024. Int. Cl. (2025.01) <b>A61K 36/00.</b>  |
-

- 2024 S20240053 GUANGZHOU COLLEGE OF TECHNOLOGY AND BUSINESS, A rapid analysis device for food components based on spectral analysis. 22 January 2024. Int. Cl. (2025.01) **G01N 21/00**.
- 2024 S20240532 NORTH CHINA INSTITUTE OF SCIENCE AND TECHNOLOGY; UNIVERSITY OF SCIENCE & TECHNOLOGY BEIJING; CHINA UNIVERSITY OF MINING & TECHNOLOGY-BEIJING; JIANGSU HENGYICHUANG INTELLIGENT TECHNOLOGY CO. LTD, TA+SS+NS METHOD FOR ANALYZING CAVING CHARACTERISTICS OF OVERBURDEN UNDER REPEATED MINING IN CLOSE-DISTANCE COAL SEAM GROUP. 04 September 2024. Int. Cl. (2025.01) **G06F 30/00; E21C 41/00**.
- 2024 S20240553 NORTH CHINA INSTITUTE OF SCIENCE AND TECHNOLOGY; UNIVERSITY OF SCIENCE & TECHNOLOGY BEIJING; CHINA UNIVERSITY OF MINING & TECHNOLOGY-BEIJING; ZHENGZHOU NINGKE ENGINEERING TECHNOLOGY CO. LTD; JIANGSU HENGYICHUANG INTELLIGENT TECHNOLOGY CO. LTD, SIMULATION DEVICE FOR SURFACE SUBSIDENCE LAWS. 10 September 2024. Int. Cl. (2025.01) **G09B 23/00; G01N 3/00**.
- 2024 S20240559 NORTH CHINA INSTITUTE OF SCIENCE AND TECHNOLOGY; HENAN POLYTECHNIC UNIVERSITY; UNIVERSITY OF SCIENCE & TECHNOLOGY BEIJING; HENAN TECHNICAL COLLEGE OF CONSTRUCTION; ZHENGZHOU NINGKE ENGINEERING TECHNOLOGY CO. LTD, RETRACTABLE PRESSURE MEASURING DEVICE FOR DOWNHOLE FAST HOLE SEALING. 11 September 2024. Int. Cl. (2025.01) **E21B 33/00; E21B 47/00**.
- 2024 S20240683 NORTH UNIVERSITY OF CHINA, IN-SITU MEASUREMENT SYSTEM AND METHOD OF COMBUSTION FIELD VELOCITY BASED ON LASER-INDUCED PLASMA. 11 July 2024. Int. Cl. (2025.01) **G01M 15/00; G01P 5/00**.
- 2025 20250123 ASSA ABLOY LIMITED, Lock and switch assemblies. 12 April 2024. Int. Cl. (2025.01) **E05B 65/00; E05B 47/00**.
- 2025 20250131 PYRAMID BUILDERS LIMITED, TELESCOPIC SCAFFOLDING BOARD. 03 April 2024. Int. Cl. (2025.01) **E04G 1/00; E04G 5/00**.
-

2025	20250196	SAFESTAND LIMITED, HEIGHT EXTENDER AND ANCILLARY COMPONENTS FOR A WORK PLATFORM. 09 May 2024. Int. Cl. (2025.01) <b>E04G 1/00; E04G 5/00.</b>
2021	20260082	MARAVILLA, LLC, CAROTENOID FORMULATION FOR INCREASED BIOAVAILABILITY. 21 July 2020. Int. Cl. (2025.01) <b>A61K 31/00; A61K 33/00; A61K 47/00; A61K 9/00.</b>

## Applications Under Section 127A Published Under Section 28

The following applications made pursuant to Section 127A are accorded the Treaty publication date of that application. These become open to public inspection as of from the date given in bold square brackets.

2024	20240793	SAPPHIRE BALCONIES LIMITED, Balcony manipulator and method for manipulating balcony. 09 July 2024. Int. Cl. (2025.01) <b>E04B 1/00; B66C 1/00; B66C 13/00. [ Published on 23 January 2025 ]</b>
2024	20240794	SCHLUMBERGER TECHNOLOGY CORPORATION; SERVICES PETROLIERS SCHLUMBERGER; SCHLUMBERGER TECHNOLOGY B.V., DEVICES, SYSTEMS AND METHODS OF A CUTTING ELEMENT IN A BIT. 10 July 2023. Int. Cl. (2025.01) <b>E21B 10/00. [ Published on 16 January 2025 ]</b>

## Patents Granted Under Section 34

The number of a patent is given in heavy type; the letter S preceding the number indicates a short-term patent. The code numbers following the title of each invention are those of the International Patent Classification. The date of filing the application follows the proprietor's name. The patent application number, which follows the date of application in parenthesis, has been superseded by the patent number. In the case of an application claiming the priority of an earlier application, the name of the country where the earlier application was made and the date of the earlier application are shown in square brackets.

<b>87698</b>	A float valve with a transient mitigation function.. Int. Cl. (2025.01) <b>E03D 1/00; F16K 31/00; F16K 33/00.</b> PHILMAC PTY LTD 20 March 2023 (20230061) [Australia-18 March 2022]
<b>S87699</b>	Wasp Management System. Int. Cl. (2025.01) <b>A01K 47/00; A01K 53/00.</b> DARADH TONER 21 January 2025 (S20250031) [Ireland-21 January 2024]

## Patents Granted Under European Patent Convention Designating Ireland

The Irish serial number appears first followed, respectively, by the proprietor's name, the date of filing of the application, the filing number and the European Patent Office publication number.

If the specification of the European patent was published in French or German the word 'French' or 'German', as appropriate, will appear as the last item of information. In such cases, it is necessary to file a translation in English and pay the prescribed fee, within six months of the publication date of the grant, in order that the patent may continue to have effect.

### Grants Published in EPO Bulletin No. 07/26, dated 2026-02-11

2211834	SOCIETE D'EXPLOITATION DE PRODUITS POUR LES INDUSTRIES CHIMIQUES SEPPIC	06/10/2008	2211834	08842571.5	French
2542335	Chevron U.S.A. Inc.	06/10/2010	2542335	10822579.8	
2709092	Universal Display Corporation	13/09/2013	2709092	13184286.6	
2713781	Tobacco Research And Development Institute (Proprietary) Limited	01/06/2012	2713781	12725725.1	
2794857	Janssen Biotech, Inc.	07/12/2012	2794857	12860751.2	
2890144	Saturn Licensing LLC	21/06/2013	2890144	13831395.2	
2986146	WholeFiber Holding B.V.	16/04/2014	2986146	14785359.2	
3058333	Kimman Process Solutions B.V.	17/10/2014	3058333	14790781.0	
3112573	Puertas Padilla, S.L.	22/01/2015	3112573	15752248.3	
3133757	LG ELECTRONICS INC.	18/08/2016	3133757	16184659.7	
3137221	L'OREAL	29/04/2015	3137221	15722675.4	
3143466	Krohne Messtechnik GmbH	08/05/2015	3143466	15721240.8	German
3169407	Humabs BioMed SA MedImmune, LLC	14/07/2015	3169407	15821645.7	
3182035	Institutul National de Cercetare- Dezvoltare si Incercari pentru Electrotehnica - ICMET Craiova	12/12/2016	3182035	16464012.0	
3187909	Viavi Solutions Inc.	28/12/2016	3187909	16207162.5	
3188658	QUANTIUM MEDICAL S.L.	15/12/2014	3188658	14868969.8	
3194027	Sound Pharmaceuticals Incorporated	15/09/2015	3194027	15842621.3	
3202069	The Regents of the University of California	29/09/2015	3202069	15846316.6	
3209438	Soil Research Lab Sprl	21/10/2015	3209438	15790482.2	French
3222024	BluVector, Inc.	16/11/2015	3222024	15802279.8	
3224789	Radulescu, Codrut Radu	08/09/2015	3224789	15838161.6	
3237604	Genzyme Corporation	21/12/2015	3237604	15843061.1	
3238179	Robert Bosch GmbH	22/12/2015	3238179	15874336.9	
3240752	Otis Elevator Company	11/12/2015	3240752	15817711.3	
3255239	BAUER Maschinen GmbH	16/04/2010	3255239	17178017.4	German
3261095	Borealis GmbH	21/06/2016	3261095	16175587.1	
3264620	Apple Inc.	01/07/2016	3264620	16177591.1	
3268054	The Cleveland Clinic Foundation Parker Hannifin Corporation	14/03/2016	3268054	16712611.9	
3277757	Commonwealth Scientific and Industrial Research Organisation The Boeing Company	31/03/2016	3277757	16771101.9	
3283903	Analogic Corporation	18/09/2015	3283903	15775308.8	
3295508	Enovix Corporation	06/05/2016	3295508	16793258.1	
3298025	Università degli Studi di Parma	17/05/2016	3298025	16730260.3	
3313788	BL Technologies, Inc.	25/06/2015	3313788	15738537.8	
3319479	Colgate-Palmolive Company	07/07/2015	3319479	15897447.7	
3325146	Albemarle Corporation	22/07/2016	3325146	16748210.8	
3325404	Yale University	22/07/2016	3325404	16855886.4	
3329412	BluVector, Inc.	08/06/2016	3329412	16833453.0	
3334765	Legend Biotech Ireland Limited	10/08/2016	3334765	16834662.5	

3336561	NXP B.V.	13/12/2016	3336561	16203729.5	
3342398	HLB Therapeutics Co., Ltd.	18/12/2015	3342398	15905904.7	
3343764	YAMAHA CORPORATION	27/12/2017	3343764	17210686.6	
3344267	Société des Produits Nestlé S.A.	31/08/2016	3344267	16758178.4	
3344298	Sirtex Medical Inc.	01/07/2016	3344298	16741741.9	
3346377	Adeia Media Solutions Inc.	14/09/2010	3346377	17211239.3	
3349782	Histide AG	15/09/2016	3349782	16770237.2	
3359976	Google LLC	06/10/2016	3359976	16784352.3	
3364985	University Of Maryland, Baltimore	19/10/2016	3364985	16858151.0	
3365354	CanBas Co., Ltd.	24/10/2016	3365354	16857600.7	
3366976	Sony Group Corporation	18/08/2016	3366976	16857163.6	
3377316	Saint-Gobain Sekurit France	17/02/2016	3377316	16707660.3	German
3380077	Incept, LLC	23/11/2016	3380077	16816493.7	
3380866	Velodyne Lidar USA, Inc.	25/11/2016	3380866	16869336.4	
3381013	SAFRAN	24/11/2016	3381013	16813082.1	French
3383789	DualLift GmbH	15/06/2016	3383789	16729566.6	German
3384415	UCB Biopharma SRL	01/12/2016	3384415	16805412.0	
3384599	Thales	30/11/2016	3384599	16805074.8	French
3393604	Unilever Global IP Limited	23/11/2016	3393604	16800963.7	
3395304	Nitto Co., Ltd.	21/12/2016	3395304	16878816.4	
3399279	HERE Global B.V.	23/03/2018	3399279	18163537.6	
3399939	Intuitive Surgical Operations, Inc.	20/12/2016	3399939	16884186.4	
3401878	Siemens Healthineers AG	07/05/2018	3401878	18171081.5	
3402441	Meril Life Sciences Pvt Ltd	11/11/2017	3402441	17881282.2	
3403278	Qualcomm Incorporated	29/11/2016	3403278	16819739.0	
3424547	Fresenius Kabi Austria GmbH	12/03/2014	3424547	18188680.5	
3429035	Guangdong Midea Kitchen Appliances Manufacturing Co., Ltd.	30/06/2017	3429035	17845027.6	
	Midea Group Co., Ltd.				
3430135	QIAGEN GmbH	16/03/2017	3430135	17711637.3	
3445436	Hollister Incorporated	21/04/2017	3445436	17721930.0	
3446145	Siemens Industry Software NV	26/06/2017	3446145	17737905.4	
3447282	VESTAS WIND SYSTEMS A/S	17/10/2011	3447282	18199618.2	
3450360	KRONES AG	26/06/2018	3450360	18179764.8	German
3454980	Greener Blue Limited	09/05/2017	3454980	17725725.0	
3455101	Gordon Murray Technologies Limited	11/05/2017	3455101	17722809.5	
3458181	Battelle Memorial Institute	20/04/2017	3458181	17799838.2	
3459070	Sheena, Haim	16/05/2017	3459070	17798880.5	
3459196	Qualcomm Incorporated	21/04/2017	3459196	17722244.5	
3461447	Ethicon LLC	01/10/2018	3461447	18198028.5	
3462286	Magic Leap, Inc.	04/05/2012	3462286	18200588.4	
3463225	ADS Therapeutics LLC	26/05/2017	3463225	17807295.5	
3465124	Amgen Inc.	08/05/2017	3465124	17723913.4	
3465291	ams-OSRAM Asia Pacific Pte. Ltd.	22/05/2017	3465291	17803177.9	
3465435	Intuit Inc.	20/04/2017	3465435	17721249.5	
3470065	Bussan Animal Health Co., Ltd.	08/06/2017	3470065	17810381.8	
3471037	Mastercard International Incorporated	03/10/2018	3471037	18198489.9	
3471710	University of Canberra	21/06/2017	3471710	17814852.4	
3479788	Covidien LP	01/11/2018	3479788	18203924.8	
3480625	Fluke Corporation	01/11/2018	3480625	18204004.8	
3481327	Dentsply Sirona Inc.	05/07/2017	3481327	17739828.6	
3481857	Vertex Pharmaceuticals Incorporated	06/07/2017	3481857	17754197.6	
3482492	ROCKY RESEARCH	16/05/2017	3482492	17824666.6	
3486213	Or, Leung Chit	07/11/2017	3486213	17890640.0	
3491093	Honeywell International Inc.	28/07/2017	3491093	17835396.7	
3494181	Commissariat à l'Energie Atomique et aux Energies Alternatives	02/08/2017	3494181	17765221.1	French
3497717	QORVO US, INC.	14/08/2017	3497717	17755402.9	
3502155	The Boeing Company	20/12/2018	3502155	18214939.3	
3505202	Terumo Kabushiki Kaisha	22/08/2017	3505202	17843558.2	
3507316	3M Innovative Properties Company	23/08/2017	3507316	17764660.1	
3508204	Neupharma, Inc.	22/08/2014	3508204	19157227.0	

3508237	Becton Dickinson France	29/09/2008	3508237	19158667.6	
3510146	President and Fellows of Harvard College	12/09/2017	3510146	17849759.0	
3512675	DIEFFENBACHER GMBH Maschinen- und Anlagenbau	15/09/2017	3512675	17781008.2	German
3512962	QIAGEN GmbH	15/09/2017	3512962	17768776.1	
3513537	Samsung Electronics Co., Ltd.	19/09/2017	3513537	17851149.9	
3513616	Huawei Technologies Duesseldorf GmbH	29/09/2016	3513616	16779033.6	
3515710	Chaturvedi, Ashok	25/09/2017	3515710	17797995.2	
3518922	Receptos LLC	28/09/2017	3518922	17781337.5	
3520788	Mitsubishi Tanabe Pharma Corporation	05/09/2012	3520788	19165074.6	
3525082	Ricoh Company, Ltd.	09/07/2013	3525082	19158005.9	
3525867	Hollister Incorporated	17/10/2017	3525867	17791861.2	
3526840	American Battery Solutions, Inc.	13/10/2017	3526840	17791266.4	
3531047	Technoalpin France	20/02/2019	3531047	19305203.2	French
3531475	Consejo Superior Hyundai Motor Company Kia Corporation	18/10/2018	3531475	18201176.7	
3531990	Whiteley, Mark The Whiteley Clinic	26/10/2017	3531990	17792152.5	
3532000	Sleep Number Corporation	24/10/2017	3532000	17800982.5	
3533483	Becton, Dickinson and Company	12/04/2013	3533483	19168374.7	
3534839	Medtronic Vascular Inc.	20/10/2017	3534839	17794170.5	
3534961	Centrexion Therapeutics Corporation	02/11/2017	3534961	17868308.2	
3538656	Ionis Pharmaceuticals, Inc.	10/11/2017	3538656	17869883.3	
3542367	Fresenius Medical Care Deutschland GmbH	15/11/2017	3542367	17811203.3	German
3543928	Deutsche Post AG	20/03/2019	3543928	19164008.5	German
3544054	Micron Technology, Inc.	05/08/2008	3544054	19170114.3	
3544656	SHL Medical AG	27/11/2017	3544656	17803965.7	German
3545045	Swimc LLC	22/11/2017	3545045	17874079.1	
3546894	Sanofi-Aventis Deutschland GmbH	09/06/2015	3546894	19169015.5	
3559689	Samsung Electronics Co., Ltd.	27/12/2017	3559689	17885938.5	
3561761	Hangzhou Hikvision Digital Technology Co., Ltd.	12/12/2017	3561761	17883173.1	
3566121	Disruptive Technologies Research AS Moldsvor, Oystein	16/03/2017	3566121	17720564.8	
3571582	Lifefoundry, Inc. Chao, Ran Jiang, Jing Meng, Shaoyu	22/01/2018	3571582	18741948.6	
3573828	PT Dow Indonesia Dow Global Technologies LLC	19/01/2018	3573828	18713396.2	
3574459	Via Transportation, Inc.	24/01/2018	3574459	18703675.1	
3574480	Jaguar Land Rover Limited	08/12/2017	3574480	17816659.1	
3575317	Xencor, Inc.	22/12/2008	3575317	19169906.5	
3575745	Palantir Technologies Inc.	28/05/2019	3575745	19177108.8	
3580947	Wollochet Solutions LLC	06/02/2018	3580947	18702513.5	
3583059	Clearflow, Inc.	12/02/2018	3583059	18754451.5	
3584359	The Hong Kong Research Institute of Textiles and Apparel Limited	22/02/2017	3584359	17896888.9	
3585373	Alzheon, Inc.	23/02/2018	3585373	18708877.8	
3585415	INSERM (Institut National de la Santé et de la Recherche Médicale) Université d'Aix Marseille Centre National de la Recherche Scientifique (CNRS)	26/02/2018	3585415	18705958.9	
3586531	Scorpion Security Products, Inc.	21/02/2018	3586531	18756989.2	
3590132	Telefonaktiebolaget LM Ericsson (publ)	01/03/2017	3590132	17713443.4	
3590788	Wonderland Switzerland AG	03/05/2019	3590788	19172563.9	
3590882	HORNET ACQUISITIONCO, LLC	02/07/2019	3590882	19183897.8	
3591213	Usui Co., Ltd.	27/12/2017	3591213	17898798.8	
3591858	Sharp Kabushiki Kaisha	27/02/2018	3591858	18760575.3	
3594784	The Boeing Company	08/07/2019	3594784	19184880.3	

3596448	iXensor Co., Ltd.	16/03/2018	3596448	18766964.3	
3597004	Chemelex Europe GmbH	14/03/2018	3597004	18729487.1	
3597422	ZACROS Corporation	12/03/2018	3597422	18766896.7	
3599945	Variowell Development GmbH	29/05/2019	3599945	19726423.7	
3600082	Teleflex Medical Incorporated	21/03/2018	3600082	18772298.8	
3606790	Escort Inc.	03/04/2018	3606790	18781902.4	
3607940	Livzon Pharmaceutical Group Inc.	08/06/2018	3607940	18917042.6	
3609179	Huawei Technologies Co., Ltd.	31/12/2017	3609179	17907272.3	
3609257	KDDI Corporation	28/03/2018	3609257	18781539.4	
3609891	Intra-Cellular Therapies, Inc.	11/06/2019	3609891	19745960.5	
3611673	Toshiba Tec Kabushiki Kaisha	08/08/2019	3611673	19190653.6	
3613573	Motherson Innovations Company Limited	23/08/2018	3613573	18190477.2	German
3614304	Tahoe Research, Ltd.	05/11/2014	3614304	19202200.2	
3615428	Kern AG	23/04/2018	3615428	18719554.0	German
3615661	IMBA-Institut für Molekulare Biotechnologie GmbH	25/04/2018	3615661	18720229.6	
3615887	Carl Zeiss Industrielle Messtechnik GmbH Carl Zeiss Microscopy GmbH	23/04/2018	3615887	18722421.7	German
3617526	Gree Electric Appliances (Wuhan) Co., Ltd Gree Electric Appliances, Inc. of Zhuhai	25/12/2017	3617526	17907360.6	
3619778	J.S.T. Corporation	27/04/2018	3619778	18795117.3	
3623048	Cataler Corporation	30/03/2018	3623048	18799107.0	
3624527	Koninklijke Philips N.V.	07/05/2018	3624527	18799176.5	
3625140	SPC Sunflower Plastic Compound GmbH	25/06/2019	3625140	19734044.1	German
3626034	Rigetti & Co, LLC	16/05/2018	3626034	18801848.5	
3627663	GE Energy Power Conversion Technology Ltd	18/09/2019	3627663	19198086.1	French
3628441	ESSILOR INTERNATIONAL	28/09/2018	3628441	18306285.0	
3629859	Breville Pty Limited	22/05/2018	3629859	18806181.6	
3630212	Evonik Canada Inc.	30/05/2018	3630212	18810828.6	
3633725	BOE Technology Group Co., Ltd.	09/05/2018	3633725	18806304.4	
3634415	Eye Therapies, LLC	07/06/2018	3634415	18813969.5	
3635990	Charter Communications Operating, LLC	30/05/2018	3635990	18813486.0	
3639871	SHL Medical AG	15/10/2018	3639871	18200529.8	
3640810	Cambricon Technologies Corporation Limited	27/06/2019	3640810	19812653.4	
3641156	NEOSAT GmbH	19/10/2018	3641156	18201572.7	
3644105	CommScope Connectivity Belgium BVBA	23/06/2015	3644105	19213750.3	
3645190	HÜTTENES-ALBERTUS Chemische Werke Gesellschaft mit beschränkter Haftung	28/06/2018	3645190	18735274.5	German
3645829	FMC Technologies SA	02/07/2018	3645829	18735314.9	
3646810	Biosense Webster (Israel) Ltd.	01/11/2019	3646810	19206705.6	
3647587	Wobben Properties GmbH	01/11/2018	3647587	18203951.1	
3648270	KOMAX HOLDING AG	02/11/2018	3648270	18204135.0	German
3648960	Hutchinson Aéronautique & Industrie LTÉE	18/06/2018	3648960	18816711.8	French
3649911	Robertshaw Italy S.r.L.	11/11/2019	3649911	19208266.7	
3650058	Mozarc Medical US LLC	11/11/2015	3650058	19219498.3	
3651852	Genzyme Corporation	10/07/2018	3651852	18746477.1	
3654862	Mayo Foundation for Medical Education and Research	17/07/2018	3654862	18755970.3	
3656364	Invacare International GmbH	22/11/2018	3656364	18207892.3	
3658238	Progetech S.r.l.	25/07/2018	3658238	18756508.0	
3659025	Samsung Electronics Co., Ltd.	14/09/2018	3659025	18855828.2	
3660298	General Electric Company	19/11/2010	3660298	20153048.2	
3662149	Jacobs Vehicle Systems, Inc.	03/08/2018	3662149	18841689.5	
3662721	Samsung Electronics Co., Ltd.	14/08/2018	3662721	18846536.3	
3662842	Verathon, Inc.	14/11/2019	3662842	19209052.0	
3663806	Siemens Healthineers AG	03/12/2018	3663806	18209798.0	German
3664765	Simplivia Healthcare Ltd.	08/08/2018	3664765	18844103.4	
3664881	Accurate Medical Therapeutics Ltd.	08/08/2018	3664881	18844973.0	

3664942	CELLI S.p.A.	09/08/2018	3664942	18766349.7	
3666032	InterDigital Patent Holdings, Inc.	10/08/2018	3666032	18762435.8	
3666205	Zimmer Biomet Spine, Inc.	12/12/2019	3666205	19215706.3	
3668483	The Procter & Gamble Company	18/08/2017	3668483	17921969.6	
3672480	Samsung Electronics Co., Ltd.	24/07/2018	3672480	18903587.6	
3673717	Samsung Electronics Co., Ltd.	14/11/2018	3673717	18883133.3	
3675063	Dassault Systèmes	29/12/2018	3675063	18306887.3	
3675761	Medtronic, Inc.	14/09/2018	3675761	18816290.3	
3676742	Microsoft Technology Licensing, LLC	27/06/2018	3676742	18743204.2	
3676959	Telefonaktiebolaget LM Ericsson (publ.)	30/08/2017	3676959	17771878.0	
3677913	TOSOH CORPORATION	22/08/2018	3677913	18850267.8	
3678635	Vizor, LLC	31/08/2018	3678635	18854507.3	
3682990	Kolibri Beteiligung GmbH	19/12/2019	3682990	19218243.4	German
3683313	Nipro Corporation	10/09/2018	3683313	18854797.0	
3685739	Nemo Healthcare B.V.	12/12/2019	3685739	19215454.0	
3688703	Digital Asset (Switzerland) GmbH	09/11/2018	3688703	18876657.0	
3690599	Beijing Xiaomi Mobile Software Co., Ltd.	08/01/2020	3690599	20150692.0	
3692949	Verily Life Sciences LLC	09/05/2017	3692949	20165156.9	
3694012	Novald GmbH	06/02/2019	3694012	19155731.3	
3695395	Robert Bosch GmbH	03/09/2018	3695395	18768809.8	German
3695668	Qualcomm Incorporated	21/09/2018	3695668	18786507.6	
3696149	Ivoclar Vivadent AG	14/02/2019	3696149	19157303.9	German
3696213	Tokyo University of Science Foundation	12/10/2018	3696213	18866123.5	
3698152	FormFactor, Inc.	18/10/2018	3698152	18868223.1	
3698624	Tanner, Trae	21/02/2020	3698624	20275049.3	
3702756	Hitachi, Ltd.	22/08/2018	3702756	18869488.9	
3704063	Atium AB	29/10/2018	3704063	18795560.4	
3704749	Arkema Inc.	30/10/2018	3704749	18873280.4	
3707821	LN1 INC.	13/12/2018	3707821	18892798.2	
3707851	Huawei Technologies Co., Ltd.	28/11/2018	3707851	18884737.0	
3708636	Daihachi Chemical Industry Co., Ltd.	11/10/2018	3708636	18876375.9	
3708732	Tate Access Floors, Inc.	12/03/2020	3708732	20162837.7	
3709896	United States Endoscopy Group, Inc.	15/11/2018	3709896	18812580.1	
3714396	Google LLC	19/11/2018	3714396	18815448.8	
3715399	Shin-Etsu Chemical Co., Ltd.	05/11/2018	3715399	18882026.0	
3717589	Honeywell International Inc.	30/11/2018	3717589	18882777.8	
3717864	Corning Incorporated	30/11/2018	3717864	18821866.3	
3717905	F. Hoffmann-La Roche AG	20/11/2018	3717905	18815481.9	
3719490	Sumitomo Chemical Company Limited	03/12/2018	3719490	18884801.4	
3720272	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	07/12/2018	3720272	18814903.3	
3723036	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	07/04/2020	3723036	20168340.6	
3723820	Innovative Surface Technologies, Inc.	11/12/2018	3723820	18889122.0	
3724787	Samsung Electronics Co., Ltd.	06/09/2019	3724787	19888251.6	
3725211	AISIN CORPORATION TOYOTA JIDOSHA KABUSHIKI KAISHA	18/02/2020	3725211	20157854.9	
3726469	Siemens Healthineers AG	17/04/2019	3726469	19169805.9	
3726672	ABB Schweiz AG	22/11/2018	3726672	18889250.9	
3727128	Sorbonne Université Essilor International	21/12/2017	3727128	17849870.5	
3728210	Bristol-Myers Squibb Company	18/12/2018	3728210	18830685.6	
3730378	CRRC Changchun Railway Vehicles Co., Ltd.	28/12/2017	3730378	17935741.3	
3730432	Stöcklin Logistik AG	08/11/2019	3730432	19207977.0	German
3731200	SDB IP Holdings, LLC	18/12/2014	3731200	20175371.2	
3731735	Koninklijke Philips N.V.	20/12/2018	3731735	18829835.0	
3733183	MediBeacon Inc.	12/11/2014	3733183	20179653.9	
3736671	SHENZHEN GOODIX TECHNOLOGY CO., LTD.	08/03/2019	3736671	19861232.7	
3737008	Samsung Electronics Co., Ltd.	08/05/2015	3737008	20183194.8	
3738094	DOMOS, LLC	08/01/2019	3738094	19736046.4	

3738552	Medtronic Inc.	30/03/2011	3738552	20183277.1	
3739895	VIDAA (Netherlands) International Holdings, B.V.	05/03/2019	3739895	19764165.7	
3741664	Amazon Technologies, Inc.	14/12/2016	3741664	20161931.9	
3742990	Integrity Implants Inc.	01/03/2019	3742990	19760773.2	
3743766	RealD Spark, LLC	24/01/2019	3743766	19743701.5	
3743943	Robert Bosch GmbH	05/12/2018	3743943	18825882.6	German
3743988	Hitachi Rail Limited	22/03/2019	3743988	19712764.0	
3745382	Zenuity AB	27/05/2019	3745382	19176742.5	
3747636	Zuiko Corporation	17/12/2018	3747636	18904206.2	
3750442	Trisa Holding AG	13/06/2019	3750442	19180090.3	
3751281	Pratt & Whitney Canada Corp.	10/06/2020	3751281	20179367.6	
3752635	Bruker Spatial Biology, Inc.	11/02/2019	3752635	19707566.6	
3752806	ABB Schweiz AG	13/02/2018	3752806	18906466.0	
3753504	Ethicon LLC	27/11/2013	3753504	20173975.2	
3755060	Ofinno, LLC	10/06/2020	3755060	20179170.4	
3757474	Mitsubishi Electric Corporation	23/02/2018	3757474	18906902.4	
3757724	Beijing Xiaomi Mobile Software Co., Ltd.	29/11/2019	3757724	19212504.5	
3759974	ORANGE	20/02/2019	3759974	19711973.8	French
3760390	KUKA Deutschland GmbH	08/06/2020	3760390	20178689.4	German
3760998	Kokusai Keisokuki Kabushiki Kaisha	30/07/2015	3760998	20189301.3	
3761063	The Swatch Group Research and Development Ltd	01/07/2019	3761063	19183638.6	French
3762760	HRL LABORATORIES, LLC	07/03/2019	3762760	19764485.9	
3763856	Toray Industries, Inc.	05/03/2019	3763856	19764798.5	
3764073	Vaillant GmbH	22/06/2020	3764073	20181433.2	German
3764891	Stichting VU	18/03/2019	3764891	19720178.3	
3765908	Hewlett-Packard Development Company, L.P.	01/03/2019	3765908	19853593.2	
3766023	Magic Leap, Inc.	13/03/2019	3766023	19767228.0	
3766850	Heraeus Quarzglas GmbH & Co. KG	17/07/2019	3766850	19186863.7	German
3767534	Robert Bosch GmbH	17/07/2019	3767534	19186798.5	
3772534	Samsung Display Co., Ltd.	28/07/2020	3772534	20188263.6	
3774717	Taminco BV	04/04/2019	3774717	19716869.3	
3774948	SNF Group	29/03/2019	3774948	19712798.8	French
3775813	Victoria Link Limited	21/06/2019	3775813	19826732.0	
3775935	Bruker Nano, Inc.	26/03/2019	3775935	19774797.5	
3776119	Bently Nevada, LLC	04/04/2019	3776119	19780705.0	
3777897	Unicyte EV AG	04/05/2017	3777897	20196359.2	
3778352	JTEKT CORPORATION	15/03/2019	3778352	19780761.3	
3778389	Japan Aerospace Exploration Agency	21/02/2019	3778389	19775252.0	
3781393	The Boeing Company	09/04/2019	3781393	19719087.9	
3781700	The University Of Warwick	18/04/2019	3781700	19719356.8	
3783297	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	22/03/2017	3783297	20202191.1	
3783851	Outdoor Wireless Networks LLC	15/03/2013	3783851	20201273.8	
3784137	Samay, Inc.	26/04/2019	3784137	19791625.7	
3784232	AgeX Therapeutics, Inc.	23/04/2019	3784232	19791528.3	
3784518	EGS Entwicklungs- und Forschungs-GmbH	25/04/2019	3784518	19720119.7	German
3784803	Intellexon GmbH	25/04/2019	3784803	19718750.3	
3785217	Joby Aero, Inc.	28/03/2019	3785217	19793503.4	
3785245	Acusensus IP Pty Ltd	26/04/2019	3785245	19793756.8	
3785484	QUALCOMM INCORPORATED	17/04/2019	3785484	19722990.9	
3786136	Xi'an Jiaotong University	22/04/2019	3786136	19788532.0	
3786216	National Institute for Materials Science				
3786216	Cytec Technology Corp.	12/12/2011	3786216	20180306.1	
3787824	Gühring Kg	02/05/2019	3787824	19721609.6	German
3788039	University of Leeds	29/04/2019	3788039	19721369.7	
3788623	MICRON TECHNOLOGY, INC.	03/04/2019	3788623	19795916.6	
3788805	Samsung Electronics Co., Ltd.	18/06/2019	3788805	19822993.2	

3790171	Panasonic Intellectual Property Management Co., Ltd.	26/02/2019	3790171	19766472.5	
3791116	Westnetz GmbH	15/04/2019	3791116	19718655.4	German
3792166	Chery New Energy Automobile Technology Co., Ltd.	09/09/2020	3792166	20195340.3	
3793355	Ecolab USA, Inc.	15/05/2019	3793355	19803602.2	
3793717	VALMET AB	09/04/2019	3793717	19804201.2	
3794367	QUALCOMM INCORPORATED	07/05/2019	3794367	19725534.2	
3795650	CJ Cheiljedang Corporation	30/08/2019	3795650	19853502.3	
3795671	SCHOTT AG	26/06/2020	3795671	20182588.2	German
3795677	Seoul National University R & DB Foundation Biographene Inc.	14/05/2019	3795677	19804512.2	
3796016	General Electric Renovables España, S.L.	09/09/2020	3796016	20195329.6	
3796814	L&P Property Management Company	08/05/2019	3796814	19808045.9	
3798953	Crown Equipment Corporation	18/09/2014	3798953	20203452.6	
3799240	GE Vernova Technology GmbH	28/09/2020	3799240	20198768.2	
3799463	QUALCOMM Incorporated	18/12/2014	3799463	20208403.4	
3799495	Datang Mobile Communications Equipment Co., Ltd.	15/05/2019	3799495	19808169.7	
3800515	ROLEX SA	21/06/2012	3800515	20207896.0	French
3801264	The Cleveland Clinic Foundation Parker-Hannifin Corporation The United States Government as Represented by The Department of Veterans Affairs	28/05/2019	3801264	19733593.8	
3803356	Gatan Inc.	29/05/2019	3803356	19812228.5	
3803543	Apple Inc.	29/05/2019	3803543	19731080.8	
3804154	Hannibal IP LLC	31/05/2019	3804154	19815117.7	
3804919	Kawasaki Jukogyo Kabushiki Kaisha	24/05/2019	3804919	19808013.7	
3805368	ORGANTECH, INC. RIKEN	31/05/2019	3805368	19814103.8	
3806023	KABUSHIKI KAISHA TOSHIBA	25/08/2020	3806023	20192682.1	
3807668	HSP Hochspannungsgeräte GmbH	09/07/2019	3807668	19745984.5	German
3808097	Samsung Electronics Co., Ltd.	24/07/2019	3808097	19840103.6	
3808259	Bard Access Systems, Inc.	05/04/2013	3808259	20212173.7	
3810741	ESSILOR INTERNATIONAL	18/06/2019	3810741	19731993.2	
3811080	Universidad de Córdoba Fundación IVI Edificio Biopolo - La Fe	21/06/2019	3811080	19731312.5	
3811557	Baidu.com Times Technology (Beijing) Co., Ltd. Baidu USA LLC KunlunXin Technology (Beijing) Company Limited	04/01/2019	3811557	19907379.2	
3811768	Great Plains Manufacturing, Inc.	22/10/2020	3811768	20203413.8	
3811769	Great Plains Manufacturing, Inc.	22/10/2020	3811769	20203428.6	
3812336	Tadano, Ltd.	03/10/2018	3812336	20210511.0	
3813731	Rheinisch-Westfälische Technische Hochschule (RWTH) Aachen	25/06/2019	3813731	19739208.7	German
3814669	LG Electronics Inc.	26/06/2019	3814669	19827487.0	
3814830	Luxottica S.r.l.	12/06/2019	3814830	19731655.7	
3814863	Bentley Nevada, LLC	25/06/2019	3814863	19826322.0	
3814986	Insurance Services Office, Inc.	01/07/2019	3814986	19825640.6	
3816746	Mitsubishi Chemical Engineering Corporation	19/03/2019	3816746	19824597.9	
3818396	ISP Investments LLC	28/06/2019	3818396	19830822.3	
3818467	Robert Bosch GmbH	06/06/2019	3818467	19729735.1	German
3819129	Ricoh Company, Ltd.	28/10/2020	3819129	20204242.0	
3821795	NIKE Innovate C.V.	03/02/2015	3821795	20216205.3	
3822439	Gretsch Unitas Limited Gretsch-Unitas GmbH Baubeschläge	03/11/2020	3822439	20275165.7	
3822711	Patek Philippe SA Genève	12/11/2020	3822711	20207261.7	French

3823229	Mellanox Technologies, Ltd.	13/11/2020	3823229	20207427.4	
3825834	BlackBerry Limited	13/08/2012	3825834	20204508.4	
3826775	Monash University	24/07/2019	3826775	19841650.5	
3827475	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	25/07/2018	3827475	18746896.2	
3828375	Prime Drilling GmbH	14/11/2020	3828375	20000413.3	German
3829032	Astemo, Ltd.	29/07/2019	3829032	19860336.7	
3829796	Atlas Copco IAS UK Limited	05/08/2019	3829796	19750169.5	
3830289	10X Genomics, Inc.	02/08/2019	3830289	19755475.1	
3831473	LG CHEM, LTD.	12/08/2020	3831473	20855891.6	
3832005	LG Electronics Inc.	30/07/2019	3832005	19843826.9	
3832045	Elascon GmbH	05/12/2019	3832045	19000548.8	German
3837162	EXAIL	12/08/2019	3837162	19749756.3	French
3837286	The Johns Hopkins University	16/08/2019	3837286	19849457.7	
3838176	Ethicon LLC	18/12/2020	3838176	20215637.8	
3840571	AuRoCon A/S	21/08/2019	3840571	19842778.3	
3841982	Luxonus Inc.	29/03/2019	3841982	19850962.2	
3842764	CANON KABUSHIKI KAISHA BAIDU ONLINE NETWORK TECHNOLOGY (BEIJING) CO., LTD.	24/03/2021	3842764	21164555.1	
3843670	DJO France	25/07/2019	3843670	19750010.1	
3844558	Intuitive Surgical Operations, Inc.	28/08/2019	3844558	19766416.2	
3844986	ZF CV Systems Europe BV	08/08/2019	3844986	19753025.6	German
3845442	Smartscale NewCo AG	21/12/2020	3845442	20216146.9	German
3846038	Brother Kogyo Kabushiki Kaisha	05/08/2019	3846038	19854110.4	
3847843	Samsung Electronics Co., Ltd.	20/05/2020	3847843	20810373.9	
3848298	Elopak ASA	10/01/2020	3848298	20151241.5	
3848817	Tencent Technology (Shenzhen) Company Limited	19/08/2019	3848817	19857869.2	
3848886	Resideo LLC	21/07/2020	3848886	20187038.3	
3849449	Biosense Webster (Israel) Ltd.	13/09/2019	3849449	19773184.7	
3849527	Syneurx International (Taiwan) Corp.	12/09/2019	3849527	19860429.0	
3849654	Becton, Dickinson and Company	12/09/2019	3849654	19773716.6	
3850058	Seaborough Materials IP B.V.	13/09/2019	3850058	19769149.6	
3850097	Universidad del País Vasco/Euskal Herriko Unibertsitatea	09/09/2019	3850097	19762826.6	
3850491	Google LLC	26/11/2019	3850491	19824098.8	
3851185	CATALER CORPORATION National University Corporation Shizuoka University	09/09/2019	3851185	19858767.7	
3852023	Kyoto University	03/09/2019	3852023	19859716.3	
3853103	GB GMBH	05/09/2019	3853103	19773358.7	German
3853587	Bahçeschir Üniversitesi KOC Üniversitesi	17/09/2018	3853587	18934397.3	
3856327	Case Western Reserve University	27/09/2019	3856327	19789822.4	
3856370	Goal Entertainment GmbH	27/09/2019	3856370	19779854.9	German
3858849	Phytovent Biopharma	13/05/2019	3858849	19866889.9	
3858944	Niterra Materials Co., Ltd.	26/09/2019	3858944	19867391.5	
3859245	DAIKIN INDUSTRIES, LTD.	29/07/2019	3859245	19864931.1	
3859985	Nokia Solutions and Networks Oy	30/01/2020	3859985	20154674.4	
3861011	AFFILOGIC	06/10/2019	3861011	19779920.8	
3861392	Corning Research & Development Corporation	03/10/2019	3861392	19791079.7	
3861508	Capital One Services, LLC	30/09/2019	3861508	19869199.0	
3862667	LG Electronics Inc.	01/10/2019	3862667	19868828.5	
3863528	National University of Ireland, Galway	11/10/2019	3863528	19797978.4	
3863966	Sicona Battery Technologies Pty Ltd	04/10/2019	3863966	19870913.1	
3864627	Bentley Systems, Incorporated	10/10/2019	3864627	19795398.7	
3865132	The Schepens Eye Research Institute, Inc.	27/04/2018	3865132	21151121.7	
3865514	Amgen Research (Munich) GmbH	01/08/2016	3865514	21153365.8	
3865823	Apple Inc.	31/05/2013	3865823	21165736.6	
3867785	Nokia Solutions and Networks Oy	31/01/2019	3867785	19702601.6	

3869437	GLORY LTD.	18/11/2019	3869437	19889902.3	
3869704	Huawei Technologies Co., Ltd.	18/11/2019	3869704	19888060.1	
3869864	Samsung Electronics Co., Ltd.	27/09/2013	3869864	21165941.2	
3870103	Dentlytec G.P.L. Ltd.	23/10/2019	3870103	19875395.6	
3872468	ROSEMOUNT AEROSPACE INC.	26/02/2021	3872468	21159756.2	
3872512	Aptiv Technologies AG	27/02/2020	3872512	20159893.5	
3872541	YANGTZE OPTICAL FIBRE AND CABLE JOINT STOCK LIMITED COMPANY	20/10/2020	3872541	20883096.8	
3872859	Samsung Display Co., Ltd.	10/07/2015	3872859	21168203.4	
3873576	University of Cincinnati	01/11/2019	3873576	19879934.8	
3873889	Pujing Chemical Industry Co., Ltd	29/10/2018	3873889	18938668.3	
3875160	QUALCOMM Incorporated	28/06/2013	3875160	21168987.2	
3875676	BRIDGESTONE CORPORATION	29/10/2019	3875676	19877949.8	
3876142	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	11/11/2019	3876142	19891455.8	
3876532	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	08/11/2019	3876532	19882955.8	
3877507	T.C. Erciyes Universitesi	27/11/2019	3877507	19894370.6	
3878130	Samsung Electronics Co., Ltd.	12/02/2020	3878130	20755241.5	
3878248	Robert Bosch GmbH	30/10/2019	3878248	19797262.3	German
3880012	KT&G Corporation	07/10/2020	3880012	20874999.4	
3880960	Heptron International Limited	11/11/2019	3880960	19823923.8	
3882320	Videojet Technologies Inc.	09/03/2010	3882320	21164435.6	
3882812	Argo AI GmbH	19/03/2020	3882812	20164223.8	
3883135	Huawei Technologies Co., Ltd.	11/12/2019	3883135	19899982.3	
3883616	Karl Leibinger Asset Management GmbH & Co. KG	22/11/2019	3883616	19808788.4	
3883647	Zikani Therapeutics, Inc.	18/11/2019	3883647	19821351.4	
3883894	President and Fellows of Harvard College				
3883894	Owens-Brockway Glass Container Inc.	30/10/2019	3883894	19813209.4	
3887147	The Regents of the University of California	27/11/2019	3887147	19889543.5	
3887225	Sentient IP AB	31/10/2019	3887225	19805781.2	
3888279	Panasonic Intellectual Property Corporation of America	21/10/2019	3888279	19889834.8	
3889566	Simmonds Precision Products, Inc.	23/08/2018	3889566	21172298.8	
3890573	Breville Pty Limited	09/12/2019	3890573	19893790.6	
3890700	University of Strathclyde	06/12/2019	3890700	19821172.4	
3891383	Wobben Properties GmbH	04/12/2019	3891383	19816283.6	German
3891699	aiMotive Kft.	03/12/2019	3891699	19842610.8	
3891959	Worldline	02/12/2019	3891959	19839632.7	French
3893771	Paragon 28, Inc.	13/12/2019	3893771	19895908.2	
3894734	LG Electronics Inc.	09/12/2019	3894734	19897499.0	
3894760	RMH Tech LLC	13/12/2019	3894760	19894564.4	
3894908	Verily Life Sciences LLC	11/12/2019	3894908	19895036.2	
3895512	Samsung Electronics Co., Ltd.	13/12/2019	3895512	19896624.4	
3896489	Samsung Electronics Co., Ltd.	21/12/2020	3896489	20216077.6	
3897314	J.M. de Jong Duke Automatenfabriek B.V.	20/12/2019	3897314	19835539.8	
3897334	BSH Hausgeräte GmbH	12/12/2019	3897334	19824280.2	German
3897404	Intuitive Surgical Operations, Inc.	22/11/2019	3897404	19900059.7	
3898640	LANXESS Corporation	18/12/2019	3898640	19842924.3	
3899759	VOLKSWAGEN AKTIENGESELLSCHAFT	06/12/2019	3899759	19892333.6	
3900128	Robert Bosch GmbH	10/12/2019	3900128	19824245.5	German
3900239	ORANGE	11/12/2019	3900239	19839378.7	French
3901234	Mitsubishi Heavy Industries, Ltd.	19/12/2019	3901234	19897649.0	
3902215	Huawei Technologies Co., Ltd.	31/12/2019	3902215	19908321.3	
3903465	TENCENT AMERICA LLC	26/12/2019	3903465	19901883.9	
3903613	Ünsal, Haluk	28/04/2021	3903613	21171049.6	German
3903892	ABB Schweiz AG	28/04/2020	3903892	20171682.6	
3904387	Joint Stock Company "Biocad"	24/12/2019	3904387	19904442.1	
3909786	LÜÖND und CO. AG	12/05/2020	3909786	20405018.1	German

3910544	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	30/06/2019	3910544	19913440.4	
3911802	Osbit Ltd	17/12/2019	3911802	19831798.4	
3912531	SEB S.A.	18/05/2021	3912531	21174554.2	French
3912636	Ferring B.V.	01/12/2015	3912636	21162245.1	
3912707	Investigaciones Forestales Bioforest S.A.	09/05/2019	3912707	19910234.4	
3913202	Shanghai Auzone Auto Parts Manufacturing Co., Ltd	13/01/2020	3913202	20741995.3	
3913216	General Electric Renovables España, S.L.	12/05/2021	3913216	21173505.5	
3913386	Allegro MicroSystems, LLC	20/05/2020	3913386	20315252.5	
3914979	Siemens Aktiengesellschaft	28/02/2020	3914979	20710818.4	German
3915516	Tongyan (Shanghai) Medical Device Co., Ltd.	24/02/2020	3915516	20826661.9	
3917413	Absolutions Med, Inc.	09/04/2020	3917413	20788444.6	
3917707	SMS group GmbH	16/12/2019	3917707	19845576.8	German
3919773	Zhuzhou Times New Material Technology Co., Ltd.	04/09/2020	3919773	20860415.7	
3920107	Seoul National University R & DB Foundation	25/05/2021	3920107	21175819.8	
3920188	Tencent Technology (Shenzhen) Company Limited	26/02/2021	3920188	21759220.3	
3921920	Schaeffler Technologies AG & Co. KG	04/12/2019	3921920	19828204.8	German
3921967	Nokia Solutions and Networks Oy	29/01/2020	3921967	20702630.3	
3921975	Mastercard International Incorporated	19/12/2019	3921975	19914431.2	
3922561	Honeywell International Inc.	19/05/2021	3922561	21174853.8	
3922954	Honeywell International Inc.	24/05/2021	3922954	21175542.6	
3923167	Siemens Aktiengesellschaft	10/06/2020	3923167	20179185.2	German
3923363	Novald GmbH	12/06/2020	3923363	20179711.5	
3923845	Pulse Biosciences, Inc.	14/02/2020	3923845	20756431.1	
3924423	CommScope Technologies LLC	12/02/2020	3924423	20755884.2	
3925463	Shenzhen Smoore Technology Limited	15/06/2021	3925463	21179501.8	
3925692	Evonik Operations GmbH	10/06/2021	3925692	21178659.5	
3926397	Pepperl+Fuchs SE	04/06/2021	3926397	21177762.8	German
3927959	Krack, Robin Gärtner, Udo	20/02/2020	3927959	20708045.8	German
3928072	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	19/02/2020	3928072	20707534.2	
3929786	Intel Corporation	08/12/2020	3929786	20212558.9	
3931493	SharkNinja Operating LLC	25/02/2020	3931493	20712790.3	
3932583	GYS	01/07/2021	3932583	21183161.5	French
3933330	LG Electronics Inc.	13/02/2020	3933330	20763317.3	
3933445	Canon Medical Systems Corporation	02/07/2021	3933445	21183401.5	
3933487	Optea AB	30/06/2020	3933487	20183155.9	
3933918	Samsung Display Co., Ltd.	09/06/2021	3933918	21178470.7	
3934180	THALES	28/06/2021	3934180	21181976.8	French
3934484	Medidev - Sentech France	03/03/2020	3934484	20706546.7	French
3935499	Micron Technology, Inc.	11/02/2020	3935499	20767057.1	
3936223	Evonik Operations GmbH	20/05/2014	3936223	21193701.6	
3936521	Xencor, Inc.	17/03/2014	3936521	21173787.9	
3936671	Hitachi Construction Machinery Co., Ltd.	11/12/2019	3936671	19918800.4	
3938472	Lummus Technology LLC SAUDI ARAMCO TECHNOLOGIES COMPANY Chevron Products Company	13/03/2020	3938472	20716678.6	
3939204	Cisco Technology, Inc.	28/02/2020	3939204	20714793.5	
3939367	Nokia Technologies OY	13/03/2019	3939367	19918670.1	
3940393	attocube systems GmbH	17/07/2020	3940393	20186521.9	
3940902	Seoul Viosys Co., Ltd	18/03/2020	3940902	20773070.6	
3941078	Hisense Visual Technology Co., Ltd.	05/11/2019	3941078	19919368.1	
3941246	Imperial Tobacco Limited	13/03/2020	3941246	20715723.1	
3941609	Donaldson Company, Inc.	19/03/2020	3941609	20718486.2	
3942400	Koninklijke Philips N.V.	16/03/2020	3942400	20710172.6	

3943404	Graphic Packaging International, LLC	23/07/2021	3943404	21187393.0	
3943751	KYB Corporation	13/02/2020	3943751	20777119.7	
3944138	Sony Semiconductor Solutions Corporation Politecnico di Torino	14/07/2021	3944138	21185682.8	
3944290	Infineon Technologies Austria AG	21/07/2020	3944290	20186986.4	
3944514	Wilson Electronics, LLC	28/06/2021	3944514	21182198.8	
3945399	Apple Inc.	29/07/2021	3945399	21188558.7	
3945642	Berker GmbH & Co. KG	30/07/2020	3945642	20188685.0	
3945973	Kimberly-Clark Worldwide, Inc.	27/03/2020	3945973	20784380.6	
3946856	Milwaukee Electric Tool Corporation	14/05/2020	3946856	20805568.1	
3947035	Gestind S.p.A.	03/03/2020	3947035	20710299.7	
3948067	Ayrton	30/03/2020	3948067	20714220.9	French
3948228	Breathe BioMedical Inc.	26/02/2020	3948228	20784463.0	
3948817	Xirgo Technologies, LLC	29/05/2019	3948817	19930235.7	
3950263	NISSEI ASB MACHINE CO., LTD.	31/03/2020	3950263	20783752.7	
3950423	Hitachi Construction Machinery Co., Ltd.	12/12/2019	3950423	19923035.0	
3950682	Shanghai Synergy Pharmaceutical Sciences Co., Ltd Zhejiang Huahai Pharmaceutical Co., Ltd.	24/03/2020	3950682	20779835.6	
3951555	Samsung Electronics Co., Ltd.	19/02/2020	3951555	21198854.8	
3951843	Hamamatsu Photonics K.K.	29/01/2020	3951843	20776717.9	
3952331	Shenzhen Shokz Co., Ltd.	06/01/2020	3952331	20798417.0	
3952929	Hollister Incorporated	23/06/2020	3952929	20737846.4	
3953367	The University of Chicago	09/04/2020	3953367	20788557.5	
3954006	Rittal GmbH & Co. KG	20/02/2020	3954006	20708421.1	German
3954165	Nokia Technologies Oy	08/04/2019	3954165	19717462.6	
3954617	ID Technology LLC	10/08/2021	3954617	21190674.8	
3955616	Samsung Electronics Co., Ltd.	30/12/2013	3955616	21188133.9	
3955925	QLSF Biotherapeutics Inc.	17/04/2020	3955925	20791195.9	
3956460	Sigma-Aldrich Co. LLC	20/04/2020	3956460	20746744.0	
3956523	Hensley Industries, Inc.	14/04/2020	3956523	20722958.4	
3956528	SAINT-GOBAIN ISOVER SAINT-GOBAIN PLACO	06/04/2020	3956528	20716795.8	French
3957563	Goodrich Aerospace Services Private Limited B/E Aerospace, Inc.	16/08/2021	3957563	21191483.3	
3957881	Zhejiang Dunan Artificial Environment Co., Ltd.	13/05/2020	3957881	20823221.5	
3957948	Sony Group Corporation	17/08/2021	3957948	21191692.9	
3958143	Palantir Technologies Inc.	19/08/2021	3958143	21192126.7	
3958217	Shanghai Lintex Digital Technology Co., Ltd.	11/09/2019	3958217	19928268.2	
3958437	DENSO CORPORATION	11/03/2020	3958437	20791455.7	
3959498	Siemens Aktiengesellschaft	26/06/2019	3959498	19739903.3	German
3959781	HARTING Electric Stiftung & Co. KG	15/04/2020	3959781	20723274.5	German
3959852	Microsoft Technology Licensing, LLC	12/03/2020	3959852	20717479.8	
3960284	Alliance Bio Expertise	31/08/2021	3960284	21193911.1	French
3960651	Abbott Laboratories	27/12/2013	3960651	21196876.3	
3960699	EEJA Ltd.	26/03/2020	3960699	20794807.6	
3961627	Samsung Electronics Co., Ltd.	09/06/2021	3961627	21178562.1	
3962238	Produce on Demand, Inc.	30/07/2019	3962238	19926102.5	
3962561	Biotronik AG	24/04/2020	3962561	20722282.9	
3963737	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	29/04/2019	3963737	19720585.9	
3963982	ZTE Corporation	30/04/2019	3963982	19927272.5	
3966503	ClearSign Technologies Corporation	07/05/2020	3966503	20803052.8	
3966948	Nokia Technologies Oy	09/05/2019	3966948	19726040.9	
3967542	HYUNDAI MOTOR COMPANY Kia Corporation	17/02/2021	3967542	21157552.7	
3968154	The Boeing Company	16/08/2021	3968154	21191456.9	
3969358	Silverstream Technologies B.V.	15/05/2020	3969358	20728572.7	
3969935	QUALCOMM INCORPORATED	13/05/2020	3969935	20729557.7	

3970518	KT & G Corporation	19/07/2021	3970518	21766369.9	
3971807	Deutsches Zentrum für Luft- und Raumfahrt e.V.	15/09/2021	3971807	21196738.5	German
3973340	CommScope Technologies LLC	21/05/2020	3973340	20809704.8	
3973650	Telefonaktiebolaget LM Ericsson (publ.)	16/03/2020	3973650	20714309.0	
3973698	Sony Interactive Entertainment Inc.	24/04/2020	3973698	20723497.2	
3974062	Davydova, Elena	29/09/2020	3974062	20198966.2	
3974880	ESSILOR INTERNATIONAL	25/09/2020	3974880	20306098.3	
3975443	Sanechips Technology Co., Ltd.	21/09/2020	3975443	20867670.0	
3975960	Essity Hygiene and Health Aktiebolag	29/05/2019	3975960	19931305.7	
3976150	Löwenstein Medical Technology S.A.	18/05/2020	3976150	20729624.5	German
3976275	Arminak, Armin	01/07/2020	3976275	20834725.2	
3976779	Wu, Di	03/06/2020	3976779	20731023.6	
	Wirt, Tomasz				
	Bernitz, Mats, Nilsson				
3976811	Rydzak, Thomas	20/09/2019	3976811	19930630.9	
	Lewis, Ian Andrew				
3977053	Microsoft Technology Licensing, LLC	20/02/2020	3977053	20712148.4	
3977572	Flender GmbH	03/04/2020	3977572	20718258.5	German
3977637	Shure Acquisition Holdings, Inc.	28/05/2020	3977637	20760593.2	
3978485	Hyundai Pharm Co., Ltd.	29/05/2020	3978485	20814703.3	
3978708	BIODESIGN S.P.A.	21/09/2021	3978708	21198032.1	
3979170	TOYOTA JIDOSHA KABUSHIKI KAISHA	30/09/2021	3979170	21200295.0	
3979416	ZTE Corporation	19/05/2020	3979416	20837813.3	
3980316	SHPP Global Technologies B.V.	05/06/2020	3980316	20750397.0	
3980976	Samsung Electronics Co., Ltd.	24/07/2020	3980976	20847213.4	
3981098	QUALCOMM Incorporated	30/04/2020	3981098	20727474.7	
3981116	Samsung Electronics Co., Ltd.	10/08/2020	3981116	20850473.8	
3981199	InterDigital Patent Holdings, Inc.	05/06/2020	3981199	20751326.8	
3984117	ARTINNOVA S.R.L.	14/06/2019	3984117	19752750.0	
3984703	Nanjing Toua Hardware & Tools Co., Ltd.	29/11/2019	3984703	19932313.0	
3984936	Otis Elevator Company	14/10/2020	3984936	20306203.9	
3985181	Gebroeders Geens N.V.	12/10/2021	3985181	21202239.6	
3986302	Teleflex Life Sciences II LLC	18/06/2020	3986302	20751283.1	
3986369	UNILEVER GLOBAL IP LIMITED	16/06/2020	3986369	20732895.6	
3986387	Vaxa Technologies Ltd.	16/06/2020	3986387	20827376.3	
3986510	Becton Dickinson France	19/06/2020	3986510	20732981.4	
3987884	QUALCOMM INCORPORATED	18/06/2020	3987884	20737695.5	
3991920	Ingersoll-Rand Industrial U.S., Inc.	21/09/2021	3991920	21197896.0	
3992301	KONICA MINOLTA, INC.	28/06/2019	3992301	19935362.4	
3992719	Kao Corporation	30/04/2020	3992719	20833466.4	
3993564	Smart Electric Works Co.,Ltd.	23/03/2021	3993564	21164421.6	
3994081	SIDEL PARTICIPATIONS	02/07/2020	3994081	20734980.4	French
3994626	Mitsubishi Electric Corporation	29/06/2020	3994626	20754054.3	
3995200	Cylergie	02/11/2021	3995200	21206083.4	French
3995623	LG ELECTRONICS INC.	03/07/2020	3995623	20834308.7	
3996430	LG Electronics Inc.	27/08/2020	3996430	20858566.1	
3996917	Arkema France	07/07/2020	3996917	20743547.0	
3997151	Arkema France	08/07/2020	3997151	20745452.1	
3997319	Cummins Ltd	07/07/2020	3997319	20737432.3	
3997345	Ziehl-Abegg SE	17/06/2020	3997345	20743065.3	German
3997583	Charter Communications Operating, LLC	10/07/2020	3997583	20841332.8	
3998474	LG Electronics Inc.	09/07/2019	3998474	19936651.9	
3998538	BRIGHT DATA LTD.	16/08/2018	3998538	22150165.3	
3998807	LG Electronics Inc.	12/07/2019	3998807	19937602.1	
4000190	Raytheon Company	15/07/2020	4000190	20751001.7	
4001640	Ventus Engineering GmbH	21/08/2020	4001640	22150923.5	
4002150	Tableau Software, Inc.	06/11/2017	4002150	21209609.3	
4002281	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	08/07/2020	4002281	20839629.1	
4002466	BOE Technology Group Co., Ltd.	24/07/2019	4002466	19931502.9	

4003563	compacToys GmbH&Co.KG	25/03/2020	4003563	20720509.7	German
4004167	Perpetual Next Technologies B.V.	24/07/2020	4004167	20742782.4	
4005560	Gilead Pharmasset LLC	30/01/2014	4005560	21200891.6	
4006170	Shanghai Tolo Biotechnology Company Limited	24/07/2020	4006170	20843278.1	
4006240	Chen, Zhilin	01/06/2020	4006240	20848128.3	
	Chen, Xianxiang				
4006882	BOE Technology Group Co., Ltd.	30/07/2019	4006882	19933219.8	
4006938	Hitachi Energy Ltd	25/11/2020	4006938	20209819.0	
4007085	BYD Company Limited	30/07/2020	4007085	20847336.3	
4008005	Tempus AI, Inc.	31/07/2020	4008005	20847239.9	
4008139	Google LLC	06/07/2020	4008139	20746805.9	
4008893	TOYOTA JIDOSHA KABUSHIKI KAISHA	30/11/2021	4008893	21211446.6	
4009363	MediaTek Inc.	08/11/2021	4009363	21206928.0	
4009401	TOYOTA JIDOSHA KABUSHIKI KAISHA	22/11/2021	4009401	21209589.7	
4010402	Illinois Tool Works Inc.	05/08/2020	4010402	20758046.5	
4010450	Daihachi Chemical Industry Co., Ltd.	09/08/2019	4010450	19941103.4	
4012437	Siemens Healthineers AG	11/12/2020	4012437	20213423.5	German
4012501	CANON KABUSHIKI KAISHA	09/12/2021	4012501	21213318.5	
4012956	Huawei Technologies Co., Ltd.	14/08/2020	4012956	20853645.8	
4013914	Liebherr-Components Biberach GmbH	16/09/2020	4013914	20775595.0	German
4013990	Cryoshelter LH2 GmbH Cryoshelter BioLNG GmbH	12/08/2020	4013990	20760374.7	German
4014112	Microsoft Technology Licensing, LLC	17/06/2020	4014112	20736838.2	
4014314	Cirrus Logic International Semiconductor, Ltd.	10/08/2020	4014314	20761066.8	
4014330	4D Concepts Limited	05/08/2020	4014330	20753716.8	
4015127	Sandvik Mining and Construction Tools AB	18/12/2020	4015127	20215376.3	
4015668	Jiangyin Xingcheng Special Steel Works Co., Ltd	09/04/2020	4015668	20856109.2	
4015778	RTX Corporation	07/12/2021	4015778	21212964.7	
4015784	RTX Corporation	17/12/2021	4015784	21215534.5	
4015817	Nordex Energy Spain, S.A.U.	17/12/2020	4015817	20383108.6	
4016048	Sanko Tekstil Isletmeleri San. Ve Tic. A.S.	14/12/2021	4016048	21214499.2	
4016725	KMW Inc.	13/08/2020	4016725	20855177.0	
4017358	Ascensia Diabetes Care Holdings AG	19/08/2020	4017358	20760437.2	
4018383	GDM Holding LLC	25/09/2020	4018383	20781342.9	
4018713	Qualcomm Incorporated	20/08/2019	4018713	19942009.2	
4018770	Samsung Electronics Co., Ltd.	20/07/2020	4018770	20872776.8	
4018819	LG Electronics Inc.	21/12/2021	4018819	21216473.5	
4019300	ULTIMATE Europe Transportation Equipment GmbH Teufl, Manfred	22/12/2020	4019300	20216629.4	German
4019716	Huga KG	03/12/2021	4019716	21212159.4	German
4019767	FabricAir Canada Inc.	23/12/2021	4019767	21020654.6	
4019941	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	22/12/2020	4019941	20216331.7	German
4020407	Suzuki Motor Corporation	10/11/2021	4020407	21207649.1	
4020458	Bellevue Investments GmbH & Co. KGaA	07/12/2021	4020458	21212764.1	
4020523	Thermo Fisher Scientific (Bremen) GmbH	15/12/2021	4020523	21214795.3	
4020709	B/E Aerospace, Inc.	22/12/2021	4020709	21217010.4	
4020746	Toyota Jidosha Kabushiki Kaisha	23/12/2021	4020746	21217480.9	
4020881	INTEL Corporation	20/09/2021	4020881	21197657.6	
4021110	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	04/10/2019	4021110	19947920.5	
4022475	Google LLC	22/09/2020	4022475	20788926.2	
4022499	PROMEDITAL S.R.L.	25/08/2020	4022499	20772447.7	
4022521	Micron Technology, Inc.	25/08/2020	4022521	20856408.8	
4023058	Tetra Laval Holdings & Finance S.A.	20/12/2021	4023058	21215911.5	
4023086	Shenzhen IVPS Technology Co., Ltd.	21/12/2021	4023086	21216233.3	

4023257	Paul Hartmann AG	29/12/2020	4023257	20217545.1	
4024498	Samsung SDI Co., Ltd.	30/12/2021	4024498	21218366.9	
4025232	Yeditepe Universitesi	02/09/2020	4025232	20860753.1	
4025634	SABIC Global Technologies, B.V.	28/08/2020	4025634	20761260.7	
4026351	Cochlear Limited	26/08/2020	4026351	20859820.1	
4027570	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	12/01/2018	4027570	22158911.2	
4027707	Beijing Xiaomi Mobile Software Co., Ltd.	05/09/2019	4027707	19944346.6	
4028938	Thales Dis France SAS	09/09/2020	4028938	20768341.8	
4028943	Neology, Inc.	25/09/2020	4028943	20867688.2	
4029361	Amazonen-Werke H. Dreyer SE & Co. KG	11/01/2022	4029361	22401000.9	German
4029787	Rolls-Royce plc	20/12/2021	4029787	21215798.6	
4030257	Amicro Semiconductor Co., Ltd.	21/08/2020	4030257	20863663.9	
4030342	Tencent Technology (Shenzhen) Company Limited	21/04/2021	4030342	21817189.0	
4030860	Samsung Electronics Co., Ltd.	21/08/2019	4030860	22150242.0	
4031645	Reair S.r.l.	20/09/2019	4031645	19801093.6	
4031792	Autonomous Clean Water Appliance (ACWA) Robotics	10/09/2020	4031792	20767838.4	French
4033130	Fujikoki Corporation	26/08/2020	4033130	20864380.9	
4033175	Daikin Industries, Ltd.	24/09/2020	4033175	20872043.3	
4033398	TOYOTA JIDOSHA KABUSHIKI KAISHA IniVation AG	25/01/2021	4033398	21153331.0	
4033991	Oxford University Innovation Limited	24/09/2020	4033991	20785573.5	
4034149	BioNTech SE TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg- Universität Mainz gemeinnützige GmbH	22/09/2020	4034149	20772086.3	
4034169	Starpharma Pty Limited	25/09/2020	4034169	20869915.7	
4034170	Cue Biopharma, Inc.	22/10/2020	4034170	20878575.8	
4034450	Wonderland Switzerland AG	24/09/2020	4034450	20781333.8	
4034603	CPE Lyon Formation Continue et Recherche pouvant être précédée ou suivie par CPE Lyon FCR CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) Université Claude Bernard Lyon 1 INSERM (Institut National de la Santé et de la Recherche Médicale) Institut National des Sciences Appliquées de Lyon Centre Léon Bérard Hospices Civils de Lyon	22/09/2020	4034603	20788996.5	
4035763	Chemours-Mitsui Fluoroproducts Co., Ltd.	24/09/2020	4035763	20868073.6	
4035915	BOE Technology Group Co., Ltd.	26/09/2019	4035915	19945461.2	
4036078	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.	28/09/2020	4036078	20868151.0	
4039026	ZTE Corporation	30/09/2019	4039026	19947909.8	
4039249	Takeda Pharmaceutical Company Limited	26/05/2011	4039249	22164436.2	
4040440	Hangzhou Canaan Intelligence Information Technology Co, Ltd	29/06/2020	4040440	20871371.9	
4040707	ZTE Corporation	06/08/2020	4040707	20891471.3	
4040975	OY Karl Fazer AB	12/10/2020	4040975	20793428.2	
4041096	Transmural Systems LLC	09/10/2020	4041096	20875169.3	
4042227	Lumus Ltd.	30/11/2020	4042227	20905377.6	
4042542	Northeastern University	02/10/2020	4042542	20870488.2	
4042741	Samsung Electronics Co., Ltd.	02/12/2020	4042741	20896679.6	
4042863	Faber S.r.l.	05/03/2021	4042863	21160956.5	
4042973	Nanjing Saint Medical Technology Co., Ltd.	16/10/2020	4042973	20912827.1	

4043633	Qingdao Haier Drum Washing Machine Co., Ltd. Haier Smart Home Co., Ltd.	27/09/2020	4043633	20874135.5	
4043715	PRATT & WHITNEY CANADA CORP.	11/02/2022	4043715	22156451.1	
4045452	Terex Australia Pty Ltd	14/10/2020	4045452	20876725.1	
4046021	Microsoft Technology Licensing, LLC	07/10/2020	4046021	20804017.0	
4046134	Verity AG	15/10/2020	4046134	20797193.8	
4046600	CV Cardiovascular GmbH	18/02/2021	4046600	21157884.4	
4046751	Comadur S.A.	22/02/2021	4046751	21158333.1	French
4047321	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	27/11/2020	4047321	20892218.7	
4048248	SORBONNE UNIVERSITE INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) ASSISTANCE PUBLIQUE HOPITAUX DE PARIS	23/10/2020	4048248	20800039.8	
4048361	Boston Scientific Scimed, Inc.	02/12/2020	4048361	20829099.9	
4048576	Rumblestrip AB	22/10/2020	4048576	20797082.3	
4048908	Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Bamberg	22/12/2020	4048908	20839041.9	German
4048948	Bekaert Combustion Technology B.V.	23/10/2020	4048948	20800564.5	
4049386	ORANGE	08/10/2020	4049386	20799767.7	French
4049659	Korea University Research and Business Foundation	16/10/2020	4049659	20878783.8	
4050914	Telcom Ventures, LLC	25/02/2022	4050914	22158969.0	
4051083	HAAG-STREIT AG	13/01/2020	4051083	20700708.9	
4051216	URGO RECHERCHE INNOVATION ET DEVELOPPEMENT CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)	27/10/2020	4051216	20807832.9	French
4051627	C2CNT LLC	29/10/2020	4051627	20883169.3	
4051840	Jansen, Thomas	30/10/2020	4051840	20811524.6	German
4051875	ASF Technologies (Australia) Pty Ltd	29/10/2020	4051875	20881656.1	
4052566	Click & Grow OÜ	05/03/2021	4052566	21160950.8	
4052744	Daicel Corporation	29/10/2020	4052744	20881002.8	
4053758	Sony Group Corporation	16/10/2020	4053758	20880972.3	
4053950	Kolon Industries, Inc.	28/09/2021	4053950	21876007.2	
4053969	LG Energy Solution, Ltd.	03/11/2021	4053969	21892222.7	
4054102	LG Electronics Inc.	30/10/2020	4054102	20880904.6	
4054690	Hollister Incorporated	06/11/2020	4054690	20816803.9	
4054719	Revolution Medicines, Inc.	04/11/2020	4054719	20816038.2	
4055746	QUALCOMM INCORPORATED	06/11/2020	4055746	20819952.1	
4056314	Enpulse Co., Ltd.	11/03/2022	4056314	22161518.0	
4056315	Sintokogio, Ltd.	04/03/2022	4056315	22160178.4	
4056858	EBARA CORPORATION	02/11/2020	4056858	20885133.7	
4057450	Ansmann AG	01/03/2022	4057450	22159336.1	German
4057875	I.R.C.A. S.p.a. Industria Resistenze Corazzate e Affini	11/11/2020	4057875	20821375.1	
4058240	SAFRAN AIRCRAFT ENGINES	28/10/2020	4058240	20807837.8	French
4059091	Huawei Technologies Co., Ltd.	08/12/2020	4059091	20901249.1	
4059662	X'Pole Precision Tools Inc.	18/03/2021	4059662	21163404.3	
4060126	HD Hyundai Infracore Co., Ltd.	12/11/2020	4060126	20887270.5	
4060188	Nordex Energy SE & Co. KG	16/03/2021	4060188	21162862.3	
4060649	LG Electronics Inc.	13/11/2019	4060649	19952825.8	
4061666	VOLKSWAGEN AKTIENGESELLSCHAFT	08/12/2020	4061666	20821182.1	German
4062228	Teknologian Tutkimuskeskus VTT OY	18/11/2020	4062228	20817054.8	
4062365	Ventus Engineering GmbH	01/12/2021	4062365	21830948.2	
4062633	ARRIS Enterprises LLC	20/11/2020	4062633	20825055.5	

4062743	Shanghai Sunseeker Robotic Technology Co., Ltd.	22/11/2020	4062743	20889533.4	
4064320	Littelfuse, Inc.	24/03/2022	4064320	22164128.5	
4064468	KDDI Corporation	25/08/2020	4064468	20888784.4	
4065467	Technology for Propulsion and Innovation S.p.A.	27/11/2020	4065467	20824646.2	
4065544	BASF SE	23/11/2020	4065544	20808133.1	German
4066280	Plessey Semiconductors Limited	25/11/2020	4066280	20817230.4	
4066431	ZTE Corporation	31/07/2020	4066431	20947668.8	
4066529	ZTE Corporation	29/05/2020	4066529	20896726.5	
4066532	Netsia, Inc.	27/11/2020	4066532	20828799.5	
4067059	San Fang Chemical Industry Co., Ltd.	23/03/2022	4067059	22163762.2	
4067753	Naber Holding GmbH & Co. KG	21/03/2022	4067753	22163306.8	German
4068021	ATS Corporation	23/03/2022	4068021	22163904.0	
4068501	Nokia Solutions and Networks Oy	24/03/2022	4068501	22164195.4	
4068596	Innomotics GmbH	01/04/2021	4068596	21166531.0	German
4070226	Siemens Industry Software Inc.	05/12/2019	4070226	19828447.3	
4070719	Huawei Technologies Co., Ltd.	30/12/2020	4070719	20913004.6	
4071028	Stadler Rail AG	17/03/2022	4071028	22162651.8	German
4071205	UBE Corporation	25/11/2020	4071205	20896658.0	
4071323	Jiangsu Shemar Electric Co., Ltd.	28/09/2021	4071323	21835146.8	
4071364	Pfeiffer Vacuum Technology AG	30/06/2022	4071364	22182119.2	German
4071502	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	09/12/2020	4071502	20908243.7	
4071507	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	26/12/2019	4071507	19957124.1	
4072167	Huawei Technologies Co., Ltd.	31/12/2019	4072167	19958166.1	
4072640	Koninklijke Philips N.V.	03/12/2020	4072640	20820803.3	
4073302	Aladdin Manufacturing Corporation	09/12/2020	4073302	20899270.1	
4073640	PayPal, Inc.	10/12/2020	4073640	20898209.0	
4073689	Magic Leap, Inc.	09/12/2020	4073689	20898665.3	
4073747	Shell Internationale Research Maatschappij B.V.	10/12/2020	4073747	20835959.6	
4074058	Google LLC	11/12/2019	4074058	19836286.5	
4074080	Telecom Italia S.p.A.	10/12/2020	4074080	20829316.7	
4074905	Aerstop OY	12/04/2022	4074905	22168038.2	French
4074951	Honeywell International Inc.	13/04/2022	4074951	22168248.7	
4075014	KYB Europe GmbH, Sucursal en Navarra	25/11/2020	4075014	20898932.7	
4075243	Huawei Technologies Co. Ltd.	28/12/2020	4075243	20909794.8	
4076261	Sony Group Corporation	11/12/2020	4076261	20828154.3	
4076553	IBSA INSTITUT BIOCHIMIQUE SA	17/12/2020	4076553	20835759.0	
4076554	IBSA INSTITUT BIOCHIMIQUE SA	17/12/2020	4076554	20835762.4	
4076591	Novo Nordisk A/S	09/12/2020	4076591	20817423.5	
4076723	IFP Energies nouvelles	08/12/2020	4076723	20817035.7	French
4077458	Sika Technology AG	18/12/2020	4077458	20838431.3	
4077624	Firmenich SA	15/12/2020	4077624	20824937.5	
4077625	Firmenich SA	15/12/2020	4077625	20829571.7	
4077626	Firmenich SA	15/12/2020	4077626	20829572.5	
4077744	ArcelorMittal	17/12/2020	4077744	20825269.2	
4078076	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	16/12/2020	4078076	20828166.7	
4078280	Ambilight Inc	29/05/2020	4078280	20937201.0	
4078332	Nordic Semiconductor ASA	16/12/2020	4078332	20833791.5	
4078529	Procure Technologies, Inc.	18/12/2020	4078529	20838056.8	
4078611	Koninklijke Philips N.V.	16/12/2020	4078611	20829577.4	
4078862	AUMOVIO Germany GmbH	17/12/2020	4078862	20838426.3	German
4079035	Telecom Italia S.p.A.	10/12/2020	4079035	20829317.5	
4079293	Daewoong Pharmaceutical Co., Ltd.	18/12/2020	4079293	20902925.5	
4079496	Pegavision Corporation	13/04/2022	4079496	22168125.7	
4079570	TS Tech Co., Ltd.	18/12/2020	4079570	20903124.4	
4079737	Texas Tech University System	21/12/2016	4079737	22172220.0	
4080187	CENTROTECNICA S.r.l.	11/10/2021	4080187	21201893.1	

4080464	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	17/12/2020	4080464	20906655.4	
4080774	Huawei Technologies Co., Ltd.	31/12/2019	4080774	19958547.2	
4080851	Avago Technologies International Sales Pte. Limited	12/04/2022	4080851	22167892.3	
4080855	LG Electronics, Inc.	19/12/2019	4080855	19956773.6	
4080937	Huawei Technologies Co., Ltd.	29/12/2020	4080937	20909986.0	
4081015	CNH Industrial Belgium NV	22/12/2020	4081015	20845307.6	
4081154	Biosense Webster (Israel) Ltd	25/11/2020	4081154	20829970.1	
4081296	UCB Biopharma SRL	22/12/2020	4081296	20841712.1	
4081310	National Jewish Health	22/12/2020	4081310	20905645.6	
4081860	E Ink Corporation	07/12/2020	4081860	20907944.1	
4081875	Zoox, Inc.	14/12/2020	4081875	20905627.4	
4082009	Nokia Technologies Oy	13/11/2020	4082009	20907123.2	
4082023	PARI Pharma GmbH	22/12/2020	4082023	20838548.4	
4082175	Akamai Technologies, Inc.	24/12/2020	4082175	20904356.1	
4082445	Rainbow Inc.	25/12/2020	4082445	20907785.8	
4082760	Laser Systems Inc. Nichia Corporation	07/12/2020	4082760	20906654.7	
4082859	Robert Bosch GmbH	02/12/2020	4082859	20842293.1	
4083173	Idemitsu Kosan Co., Ltd.	24/12/2020	4083173	20906228.0	
4083304	LG Electronics Inc.	22/12/2020	4083304	20906890.7	
4083737	Suzhou Cleva Precision Machinery & Technology Co., Ltd.	13/08/2020	4083737	20909899.5	
4083778	CANON KABUSHIKI KAISHA	14/04/2022	4083778	22168323.8	
4083824	HYUNDAI MOTOR COMPANY Kia Corporation Industry Academy Cooperation Foundation Of Sejong University	22/02/2021	4083824	21760910.6	
4084731	Dentsply Implants NV	30/12/2020	4084731	20839229.0	
4084740	Edwards Lifesciences Corporation	23/02/2021	4084740	21712362.9	
4085000	Cicli Lombardo S.p.a.	31/12/2020	4085000	20859644.5	
4085763	Oxzo S.A.	20/11/2020	4085763	20910445.4	
4086426	TRACTO-TECHNIK GmbH & Co. KG	03/05/2021	4086426	21171872.1	German
4086586	Vishay MCB Industrie S.A.S.	03/05/2021	4086586	21305571.8	
4086641	Huaneng Clean Energy Research Institute	15/10/2020	4086641	20910113.8	
4088192	Tencent America LLC	15/10/2020	4088192	20911557.5	
4088831	Hitachi High-Tech Corporation	01/12/2020	4088831	20911613.6	
4089311	Apple Inc.	06/04/2022	4089311	22166865.0	
4089406	SYSMEX CORPORATION	24/12/2020	4089406	20912043.5	
4089418	Hitachi High-Tech Corporation	03/12/2020	4089418	20913027.7	
4089513	Apple Inc.	03/05/2022	4089513	22171238.3	
4089535	RTX Corporation	29/04/2022	4089535	22171017.1	
4090112	Vivo Mobile Communication Co., Ltd.	04/01/2021	4090112	21738436.1	
4091723	CEFLA SOCIETA' COOPERATIVA	10/05/2022	4091723	22172451.1	
4092672	Tencent Technology (Shenzhen) Company Limited	03/06/2021	4092672	21842054.5	
4092739	Commissariat à l'Energie Atomique et aux Energies Alternatives	09/05/2022	4092739	22172226.7	French
4092896	INTEL Corporation	08/03/2022	4092896	22160734.4	
4093043	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	09/08/2021	4093043	21860122.7	
4094096	Outsight	21/01/2021	4094096	21701724.3	
4094599	Japan Tobacco Inc.	28/04/2020	4094599	20932920.0	
4094730	L&K Biomed Co., Ltd.	05/11/2020	4094730	20914936.8	
4099473	LG Energy Solution, Ltd.	13/05/2021	4099473	21818339.0	
4099587	NXP B.V.	01/06/2022	4099587	22176758.5	
4100681	Gorenje, d.o.o. Hisense Group Co. Ltd	05/02/2020	4100681	20706826.3	
4101589	Techtronic Cordless GP	25/11/2021	4101589	21210611.6	
4101719	CRSC Research & Design Institute Group Co., Ltd.	08/07/2021	4101719	21879015.2	

4102249	Pepperl+Fuchs SE	11/06/2021	4102249	21179074.6	German
4102467	Vantor Sweden AB	08/06/2021	4102467	21178195.0	
4102856	Samsung Electronics Co., Ltd.	28/02/2022	4102856	22709545.2	
4103213	HP Ingredients Corp.	11/02/2021	4103213	21753391.8	
4104725	SEB S.A.	17/06/2022	4104725	22179732.7	French
4104773	Ethicon LLC	28/12/2018	4104773	22181015.3	
4105633	LG Energy Solution, Ltd.	24/08/2021	4105633	21882992.7	
4105766	Tencent Technology (Shenzhen) Company Limited	17/06/2021	4105766	21850955.2	
4107110	Liebherr-Werk Biberach GmbH	25/03/2021	4107110	21716288.2	German
4107673	Petroliam Nasional Berhad (Petronas)	27/01/2021	4107673	21756243.8	
4108168	Lepu Medical Technology (Beijing) Co., Ltd.	18/11/2020	4108168	20920454.4	
4108320	Dreisam (Beijing) Medical Technology Co., Ltd.	08/09/2021	4108320	21876927.1	
4109321	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	12/04/2021	4109321	21796027.7	
4109840	Beijing Unisoc Communications Technology Co., Ltd	26/04/2020	4109840	20920320.7	
4109845	Google LLC	08/11/2019	4109845	22189521.2	
4109853	Cornelis Networks, Inc.	13/06/2022	4109853	22178584.3	
4109984	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	18/02/2020	4109984	20920682.0	
4110069	Biagiotti, Antonio	17/02/2021	4110069	21710059.3	
4110442	Kindeva Drug Delivery L.P.	24/02/2021	4110442	21715992.0	
4111286	Rhodan Marine Systems of Florida, LLC	19/02/2021	4111286	21711156.6	
4111797	QUALCOMM INCORPORATED	26/02/2021	4111797	21713818.9	
4111876	Japan Tobacco Inc.	22/02/2021	4111876	21760457.8	
4111885	Japan Tobacco Inc.	28/02/2020	4111885	20920807.3	
4111961	Sunrise Technologies Co., Ltd.	20/02/2021	4111961	21760200.2	
4112018	Alcon Inc.	22/05/2018	4112018	22182523.5	
4112115	Abiomed, Inc.	16/12/2011	4112115	22191974.9	
4113202	LG ELECTRONICS INC.	24/06/2022	4113202	22181000.5	
4113449	Imagination Technologies Limited	21/03/2022	4113449	22163172.4	
4113473	Honeywell International Inc.	14/06/2022	4113473	22179051.2	
4114580	Laboratoires THEA	02/03/2021	4114580	21708233.8	French
4114581	Laboratoires THEA	02/03/2021	4114581	21708234.6	French
4115048	As Innovative Holdings Pty Ltd	05/03/2021	4115048	21763810.5	
4115776	Henkel AG & Co. KGaA	07/07/2021	4115776	21184179.6	German
4116216	Aptar Stelmi SAS	06/07/2022	4116216	22183272.8	French
4116324	Denka Company Limited	15/04/2021	4116324	21789366.8	
4116441	Genomictree, Inc.	05/03/2021	4116441	21764053.1	
4116487	Tangshan Kuntie Technology Co. Ltd	05/03/2021	4116487	21764802.1	
4116503	Jiangsu XCMG Construction Machinery Research Institute Ltd.	31/12/2021	4116503	21878764.6	
4116621	TotalEnergies OneTech	07/07/2021	4116621	21305935.5	
4116687	NSK Ltd.	02/03/2021	4116687	21764549.8	
4116850	Samsung Electronics Co., Ltd.	11/03/2021	4116850	21783826.7	
4116905	PHC Holdings Corporation	03/03/2021	4116905	21783673.3	
4117445	DSM IP Assets B.V.	09/03/2021	4117445	21709442.4	
4120201	Dassault Systèmes	16/07/2021	4120201	21305997.5	
4120268	Vivo Mobile Communication Co., Ltd.	04/03/2021	4120268	21767696.4	
4120575	Nokia Solutions and Networks Oy	16/07/2021	4120575	21186261.0	
4120597	LG Electronics, Inc.	12/03/2021	4120597	21768739.1	
4120709	Canon Kabushiki Kaisha	13/07/2022	4120709	22184825.2	
4120821	Moleda AS	15/03/2021	4120821	21712982.4	
4120893	Scandinavian Real Heart AB	18/03/2021	4120893	21713650.6	
4121718	THALES	18/03/2021	4121718	21712501.2	French
4121843	Google LLC	14/05/2021	4121843	21730751.1	

4123306	Istituto di Ricovero E Cura a Carattere Scientifico Materno-Infantile Burlo Garofolo UNIVERSITA' DEGLI STUDI DI TRIESTE	21/07/2022	4123306	22186201.4	
4123519	Bayerische Motoren Werke Aktiengesellschaft	23/07/2021	4123519	21187378.1	
4123533	Hand Held Products, Inc.	26/06/2018	4123533	22191094.6	
4123833	Zou, Gaodi	12/10/2018	4123833	22195996.8	
4124086	Qualcomm Incorporated	10/06/2016	4124086	22196378.8	
4124569	Airbus Operations GmbH	30/07/2021	4124569	21188955.5	
4124937	LG Display Co., Ltd.	12/07/2022	4124937	22184316.2	
4125224	Nordic Semiconductor ASA	13/07/2022	4125224	22184664.5	
4125294	Legic Identsystems AG	27/07/2022	4125294	22187308.6	
4125539	Boston Scientific Scimed, Inc.	22/03/2021	4125539	21719353.1	
4126843	Bristol-Myers Squibb Company	22/03/2021	4126843	21718401.9	
4127157	Encodia, Inc.	19/03/2021	4127157	21775942.2	
4129076	Fuji Oil Co., Ltd.	26/03/2021	4129076	21775205.4	
4129298	Korea Institute of Radiological & Medical Sciences	17/03/2021	4129298	21774767.4	
4131898	Vivo Mobile Communication Co., Ltd.	23/02/2021	4131898	21780929.2	
4132029	Vivo Mobile Communication Co., Ltd.	23/03/2021	4132029	21776113.9	
4132169	China Mobile Communication Co., Ltd Research Institute CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.	08/04/2021	4132169	21784689.8	
4132186	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	26/03/2020	4132186	20927431.5	
4133047	The Procter & Gamble Company	08/04/2021	4133047	21722666.1	
4133440	Banks and Acquirers International Holding	01/04/2021	4133440	21715642.1	French
4133682	PQshield Ltd	06/04/2021	4133682	21719204.6	
4134220	Nissei ASB Machine Co., Ltd.	06/04/2021	4134220	21785006.4	
4134272	Hyundai Transys Inc.	10/08/2022	4134272	22189619.4	
4134411	Kurita Water Industries Ltd.	18/03/2021	4134411	21785622.8	
4134493	Yanmar Holdings Co., Ltd.	22/07/2022	4134493	22186403.6	
4134739	Canon Kabushiki Kaisha	02/04/2021	4134739	21784009.9	
4134794	Samsung Display Co., Ltd.	06/07/2022	4134794	22183313.0	
4135204	Minebea Mitsumi Inc.	26/03/2021	4135204	21784582.5	
4137049	i-Sens, Inc.	04/06/2019	4137049	22196098.2	
4137931	Ai Speech Co., Ltd.	21/10/2020	4137931	20931185.1	
4137975	Commissariat à l'Energie Atomique et aux Energies Alternatives THALES	20/08/2021	4137975	21306134.4	
4138213	Vivo Mobile Communication Co., Ltd.	07/04/2021	4138213	21788329.7	
4138295	Hefei Midea Refrigerator Co., Ltd. Hefei Hualing Co., Ltd. Midea Group Co., Ltd.	27/12/2021	4138295	21922655.2	
4138306	Siemens Healthineers AG	17/08/2021	4138306	21191668.9	German
4138653	Daniels, John J.	18/04/2021	4138653	21791783.0	
4138946	Smart PD Solutions Oy	20/04/2021	4138946	21721415.4	
4139836	Alarm.com Incorporated	23/04/2021	4139836	21791864.8	
4139935	F. Hoffmann-La Roche AG	16/04/2021	4139935	21721412.1	
4141358	Coway Co., Ltd.	27/05/2021	4141358	21812249.7	
4141392	Yamato Scale Co., Ltd.	22/04/2020	4141392	20931943.3	
4141422	NEC Corporation	24/04/2020	4141422	20932428.4	
4141598	STILL GmbH	03/08/2022	4141598	22188459.6	German
4141609	Eaton Intelligent Power Limited	30/08/2022	4141609	22192958.1	
4142586	Shanghai United Imaging Healthcare Co., Ltd.	17/06/2020	4142586	20940755.0	
4142846	Hollister Incorporated	29/04/2021	4142846	21727652.6	
4144422	Sumitomo Rubber Industries, Ltd.	29/08/2022	4144422	22192557.1	

4145203	Corning Research & Development Corporation	29/03/2019	4145203	22201935.8	
4145384	Sanechips Technology Co., Ltd.	22/04/2021	4145384	21795374.4	
4146291	Pisharodi, Madhavan	06/08/2020	4146291	20934613.9	
4146403	Kelda Showers Limited	07/05/2021	4146403	21726708.7	
4147200	BP Corporation North America Inc.	10/05/2021	4147200	21729384.4	
4147305	Auto-Kabel Management GmbH	21/04/2021	4147305	21720730.7	German
4147998	Tokuyama Corporation	20/05/2021	4147998	21822786.6	
4148328	LG Electronics Inc.	14/05/2020	4148328	20934335.9	
4148329	LG Electronics Inc.	28/06/2018	4148329	22204160.0	
4148924	Airbus Operations GmbH	10/09/2021	4148924	21196119.8	
4149237	Globe (Jiangsu) Co., Ltd.	31/03/2021	4149237	21803192.0	
4150275	Praxair Technology, Inc.	11/12/2020	4150275	20839174.8	
4151383	LM Wind Power A/S	21/09/2021	4151383	21197907.5	
4151865	Gustav Hensel GmbH & Co. KG	04/12/2018	4151865	22206110.3	German
4152442	KABUSHIKI KAISHA TOSHIBA	16/02/2022	4152442	22157014.6	
4152684	KABUSHIKI KAISHA TOSHIBA	16/02/2022	4152684	22157118.5	
4153028	P <sup>3</sup> Lab	07/04/2022	4153028	22721084.6	French
4153777	Myriad Women's Health, Inc.	18/05/2021	4153777	21808376.4	
4154109	Byo Networks	18/05/2021	4154109	21725223.8	French
4154170	Alarm.com Incorporated	19/05/2021	4154170	21814209.9	
4154635	ZTE Corporation	19/06/2020	4154635	20941036.4	
4155234	Hai Robotics Co., Ltd.	29/06/2021	4155234	21821088.8	
4155300	The U.S.A. as represented by the Secretary, Department of Health and Human Services Yale University, Inc.	30/10/2018	4155300	22207287.8	
4155614	WELBILT Deutschland GmbH	20/09/2022	4155614	22196622.9	German
4156278	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	14/04/2021	4156278	21820952.6	
4156397	LG Energy Solution, Ltd.	06/07/2021	4156397	21838206.7	
4156441	Prime Planet Energy & Solutions, Inc.	19/09/2022	4156441	22196305.1	
4156639	INTEL Corporation	21/09/2022	4156639	22196788.8	
4156827	Apple Inc.	24/06/2022	4156827	22180862.9	
4157200	Perfetti Van Melle S.p.A.	25/05/2021	4157200	21734208.8	
4158129	ECOSOURCEn NV	21/05/2021	4158129	21728124.5	
4158168	Cummins, Inc.	18/05/2021	4158168	21813910.3	
4158238	GAZTRANSPORT ET TECHNIGAZ	26/05/2021	4158238	21728888.5	French
4158373	QUALCOMM Incorporated	26/05/2021	4158373	21734039.7	
4158735	Oetiker Schweiz AG	28/05/2020	4158735	20730006.2	
4158916	Telecom Italia S.p.A.	18/05/2021	4158916	21730478.1	
4159394	Capaccioli - S.r.l.	28/09/2022	4159394	22198417.2	
4160017	Hitachi Industrial Equipment Systems Co., Ltd.	01/12/2020	4160017	20937982.5	
4160553	Intuit Inc.	30/06/2022	4160553	22182169.7	
4161167	Nokia Technologies Oy	01/10/2021	4161167	21200435.2	
4161172	MediaTek Singapore Pte. Ltd.	04/10/2022	4161172	22199655.6	
4161416	Mimeo Medical GmbH	02/06/2021	4161416	21730889.9	German
4162319	E Ink Corporation	04/06/2021	4162319	21817559.4	
4162357	Microsoft Technology Licensing, LLC	06/04/2021	4162357	21722619.0	
4162716	Apple Inc.	24/07/2020	4162716	20946477.5	
4163105	ARISAWA MFG. CO., LTD.	20/05/2021	4163105	21818788.8	
4163197	Level One Engineering LLC	04/08/2017	4163197	22209620.8	
4163624	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	06/10/2021	4163624	21201101.9	German
4164042	LG Energy Solution, Ltd.	21/12/2021	4164042	21911497.2	
4164280	Huawei Technologies Co., Ltd.	05/07/2021	4164280	21842149.3	
4165434	QUALCOMM INCORPORATED	10/06/2021	4165434	21736909.9	
4165571	Stoneridge Electronics, AB	14/05/2021	4165571	21730733.9	
4165592	Cybord Ltd.	10/06/2021	4165592	21821205.8	
4165911	Samsung Electronics Co., Ltd.	15/09/2021	4165911	21869705.0	
4166099	Freudenberg Medical, LLC	28/09/2022	4166099	22198248.1	

4166477	Beijing Jingdong Zhenshi Information Technology Co., Ltd.	08/10/2021	4166477	21879289.3	
4166622	Nisshinbo Brake Inc.	09/06/2021	4166622	21825993.5	
4166959	Autel Intelligent Technology Corp., Ltd.	18/06/2021	4166959	21830001.0	
4167226	BEIJING BAIDU NETCOM SCIENCE TECHNOLOGY CO., LTD.	22/03/2022	4167226	22773390.4	
4167874	Clozex Medical, Inc.	19/06/2020	4167874	20940947.3	
4168379	Novalied GmbH	18/06/2021	4168379	21733448.1	
4169311	Apple Inc.	31/07/2020	4169311	20946718.2	
4169324	QUALCOMM Incorporated	12/05/2021	4169324	21730036.7	
4169565	Industrie Borla S.p.A.	03/10/2022	4169565	22199409.8	
4169769	Safran Seats USA LLC	30/09/2022	4169769	22198966.8	
4169824	Yamaha Hatsudoki Kabushiki Kaisha	21/09/2017	4169824	22211549.5	
4170000	SFC Co., Ltd.	27/07/2020	4170000	20946216.7	
4170087	Suzhou Institute of Nano-tech and Nanobionics (SINANO) Chinese Academy of Sciences	02/04/2022	4170087	22839609.9	
4170098	Yanmar Holdings Co., Ltd.	11/10/2022	4170098	22200903.7	
4170267	Samsung Electronics Co., Ltd.	24/06/2021	4170267	21858462.1	
4170381	Suteng Innovation Technology Co., Ltd	19/10/2022	4170381	22202484.6	
4170526	ValidSoft Limited	18/10/2022	4170526	22202268.3	
4170807	LG Energy Solution, Ltd.	21/10/2021	4170807	21883314.3	
4171018	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	22/07/2021	4171018	21845741.4	
4171163	MediaTek Singapore Pte. Ltd.	11/10/2022	4171163	22200906.0	
4171164	Comcast Cable Communications, LLC	21/10/2022	4171164	22203078.5	
4171255	Anziano, Maximilian M.	24/06/2021	4171255	21828548.4	
4171522	Algiax Pharmaceuticals GmbH	11/06/2021	4171522	21731507.6	
4171944	Multiscale Systems, Inc.	24/06/2021	4171944	21828981.7	
4172683	VR Tourism S.r.l.	16/06/2021	4172683	21737159.0	
4172863	T-Mobile Innovations LLC	31/07/2021	4172863	21759468.8	
4172911	L'OREAL	30/06/2021	4172911	21737952.8	
4173517	Seiko Watch Kabushiki Kaisha	01/11/2022	4173517	22204841.5	
4174270	Beijing Xiaomi Mobile Software Co., Ltd.	27/01/2022	4174270	22153764.0	
4174382	LG Electronics Inc.	17/10/2022	4174382	22201812.9	
4174389	Samsung Electronics Co., Ltd.	11/08/2021	4174389	21867002.4	
4175943	Biofront Therapeutics (Beijing) Co., Ltd.	30/07/2021	4175943	21851360.4	
4176239	Shanghai Flexiv Robotics Technology Co., Ltd. Flexiv Ltd.	28/07/2020	4176239	20947454.3	
4176552	QUALCOMM INCORPORATED	03/06/2021	4176552	21735552.8	
4176723	Mizkan Holdings Co., Ltd.	28/12/2021	4176723	21915330.1	
4176799	QUALCOMM Incorporated	27/10/2014	4176799	22197472.8	
4177167	The Boeing Company	10/10/2022	4177167	22200547.2	
4177222	Yunda H&H Tech (Tianjin) Co., Ltd.	20/12/2021	4177222	21216154.1	
4177583	Zhejiang Uniview Technologies Co., Ltd.	24/12/2020	4177583	20944316.7	
4178328	Samsung Display Co., Ltd.	07/11/2022	4178328	22205897.6	
4178656	Bard Access Systems, Inc.	13/07/2021	4178656	21749961.5	
4178784	ROQUETTE FRERES	29/06/2021	4178784	21739253.9	French
4178785	ROQUETTE FRERES	29/06/2021	4178785	21739254.7	French
4179679	QUALCOMM INCORPORATED	25/06/2021	4179679	21746607.7	
4179787	Samsung Electronics Co., Ltd.	27/07/2022	4179787	22849886.1	
4180022	EWO Fluid Power GmbH	15/11/2022	4180022	22207612.7	German
4180188	KABUSHIKI KAISHA TOSHIBA	09/11/2022	4180188	22206395.0	
4180563	Qingdao Haier Washing Machine Co., Ltd. HAIER SMART HOME CO., LTD.	31/07/2020	4180563	22207010.4	
4180869	Samsung Electronics Co., Ltd.	11/08/2022	4180869	22854145.4	
4180906	Samsung Electronics Co., Ltd.	07/10/2021	4180906	21900789.5	
4181341	Huawei Technologies Co. Ltd.	15/07/2021	4181341	21842808.4	
4181659	MacDon Industries Ltd.	15/07/2020	4181659	20944859.6	
4181871	L V M H RECHERCHE	16/07/2021	4181871	21755518.4	French
4182467	Abeona Therapeutics Inc.	14/07/2021	4182467	21842894.4	

4183111	Qualcomm Incorporated	16/07/2021	4183111	21759193.2	
4183156	Altiosstar Networks, Inc.	19/07/2021	4183156	21762537.5	
4183638	Autoliv Development AB	09/06/2021	4183638	21842425.7	
4183966	Dallan S.p.A.	16/11/2022	4183966	22207672.1	
4184305	Sanechips Technology Co., Ltd.	05/07/2021	4184305	21850967.7	
4184896	BRIGHT DATA LTD.	16/08/2018	4184896	22215332.2	
4185693	Johann Wolfgang Goethe-Universität Frankfurt	23/07/2021	4185693	21749577.9	
4186458	MAKO Surgical Corp.	23/05/2017	4186458	23150744.3	
4186541	Siemens Healthineers AG	30/11/2021	4186541	21211465.6	
4186719	Zhejiang Zhiyou Automotive Technology Co., Ltd.	06/05/2022	4186719	22171969.3	
4187327	ROLEX SA	30/11/2021	4187327	21211469.8	French
4187328	ROLEX SA	30/11/2021	4187328	21211473.0	French
4187469	Google LLC	26/07/2016	4187469	22215723.2	
4188187	Alcon Inc.	18/12/2020	4188187	20829024.7	
4188817	Perfetti Van Melle Benelux B.V.	27/07/2021	4188817	21755657.0	
4189362	Soroush, Hamed	30/07/2021	4189362	21850226.8	
4189478	Université Libre de Bruxelles	30/07/2021	4189478	21752055.0	
4189572	Institut National de Recherche en Informatique et en Automatique (INRIA)	28/07/2021	4189572	21762751.2	French
4190451	I-SENS, INC.	01/06/2021	4190451	21848589.4	
4190590	Sumitomo Rubber Industries, Ltd.	21/07/2021	4190590	21848884.9	
4190769	Zhejiang NHU Company Ltd. Zhejiang NHU Special Materials Co., Ltd. Zhejiang NHU Nylon Materials Co., Ltd.	21/06/2022	4190769	22750655.7	
4191172	LG Electronics Inc.	25/06/2021	4191172	21853000.4	
4191393	Samsung Electronics Co., Ltd.	23/02/2021	4191393	21919792.8	
4191469	dSPACE GmbH	06/12/2021	4191469	21212482.0	German
4191778	LG Energy Solution, Ltd.	06/08/2021	4191778	21854412.0	
4191981	BRIGHT DATA LTD.	16/08/2018	4191981	22215773.7	
4192344	Dynocardia, Inc.	10/08/2021	4192344	21856561.2	
4193132	University of Maryland, College Park	04/08/2021	4193132	21853943.5	
4194243	Nexans	07/12/2021	4194243	21306721.8	
4194623	Yanmar Holdings Co., Ltd.	05/08/2021	4194623	21853367.7	
4194928	CANON KABUSHIKI KAISHA	08/12/2022	4194928	22212168.3	
4195296	Suzhou Institute of Nano-tech and Nano- bionics (SINANO) Chinese Academy of Sciences	27/12/2021	4195296	21914217.1	
4195519	NXP B.V.	08/12/2021	4195519	21213228.6	
4195598	Great Wall Motor Company Limited	04/08/2021	4195598	21853497.2	
4196676	Danfoss Power Solutions GmbH & Co. OHG	30/07/2021	4196676	21752677.1	
4197289	Battelle Memorial Institute	13/08/2021	4197289	21769231.8	
4197768	Continental Reifen Deutschland GmbH	15/12/2021	4197768	21214902.5	
4197952	Otis Elevator Company	02/11/2022	4197952	22205151.8	
4198424	Samsung Electronics Co., Ltd.	24/12/2021	4198424	21930491.2	
4198494	M & C TechGroup Germany GmbH	20/12/2021	4198494	21216057.6	German
4198531	Korea Power Cell Co., Ltd. Robovolt Co., Ltd.	30/11/2020	4198531	20949612.4	
4198541	Allegro MicroSystems, LLC	17/12/2021	4198541	21315282.0	
4198565	Autel Intelligent Technology Corp., Ltd.	07/09/2021	4198565	21871265.1	
4198704	Changxin Memory Technologies, Inc.	29/07/2021	4198704	21934349.8	
4198762	Juniper Networks, Inc.	18/06/2019	4198762	23153329.0	
4198978	ATOS France Université Grenoble Alpes Institut Polytechnique de Grenoble Centre national de la recherche scientifique	16/12/2021	4198978	21306787.9	
4199175	LG Energy Solution, Ltd.	28/09/2021	4199175	21883043.8	
4199537	Benecke-Kaliko AG Continental Engineering Services GmbH	01/12/2022	4199537	22210933.2	German
4199633	INTEL Corporation	19/09/2022	4199633	22196308.5	

4199664	ABB SCHWEIZ AG	14/12/2021	4199664	21214518.9	
4199714	Ichilov Tech Ltd. A.A. Cash Technology Ltd.	18/08/2021	4199714	21857923.3	
4199779	Tumi, Inc.	19/08/2020	4199779	20764543.3	
4199811	Raydiant Oximetry, Inc.	24/09/2021	4199811	21873567.8	
4200518	Schlumberger Technology B.V.	20/08/2021	4200518	21859195.6	
4200703	Huawei Technologies Co. Ltd.	16/12/2020	4200703	20830155.6	
4200816	Seeing Systems Pty Ltd	25/05/2021	4200816	21857030.7	
4201317	Qompium	22/12/2021	4201317	21216999.9	
4201401	Universidad Complutense De Madrid	21/12/2022	4201401	22383251.0	
4201688	BROTHER KOGYO KABUSHIKI KAISHA	17/09/2021	4201688	21875290.5	
4202031	Industrial Technology Research Institute	23/12/2021	4202031	21217393.4	
4202194	DAF Trucks N.V.	27/12/2022	4202194	22216785.0	
4202346	Sellmark Corporation	15/11/2022	4202346	22207486.6	
4202622	Dassault Systèmes	21/12/2021	4202622	21306895.0	
4202708	Himax Technologies Limited	20/07/2022	4202708	22186022.4	
4202734	Google LLC	26/03/2019	4202734	23157876.6	
4202865	Faurecia Clarion Electronics Co., Ltd.	22/12/2022	4202865	22215881.8	
4203145	LG Energy Solution, Ltd.	18/08/2021	4203145	21858564.4	
4203311	NXP B.V.	20/12/2022	4203311	22214902.3	
4203443	Nokia Solutions and Networks Oy	23/12/2022	4203443	22216354.5	
4204177	IPG Photonics Corporation	25/08/2021	4204177	21862631.5	
4204352	Kiwitron S.r.l.	01/07/2021	4204352	21745421.4	
4204864	King Fahad University of Petroleum & Minerals Saudi Arabian Oil Company	25/08/2021	4204864	21773231.2	
4205437	QUALCOMM Incorporated	26/08/2021	4205437	21773237.9	
4205782	Beijing QS Medical Technology Co., Ltd.	10/11/2020	4205782	23158016.8	
4206151	Bottero S.p.A.	28/12/2022	4206151	22216908.8	
4206416	GERFLOR	02/12/2022	4206416	22211159.3	French
4206595	Haier Smart Home Co., Ltd. Qingdao Haier Refrigerator Co., Ltd Haier US Appliance Solutions, Inc.	26/09/2021	4206595	21876948.7	
4206895	Qingdao Haier Refrigerator Co., Ltd Haier Smart Home Co., Ltd.	28/10/2021	4206895	21885263.0	
4206903	Accenture Global Solutions Limited	14/12/2022	4206903	22213306.8	
4207138	DRAX Inc.	23/12/2022	4207138	22216575.5	
4208023	Xeda International	01/09/2021	4208023	21770005.3	French
4208044	Nicoventures Trading Limited	03/09/2021	4208044	21773497.9	
4208122	Perceptive Technologies, Inc.	02/09/2021	4208122	21865121.4	
4208431	Alfred Kärcher SE & Co. KG	11/08/2021	4208431	21763279.3	German
4208659	May, Peter Andrew John	01/09/2021	4208659	21863110.9	
4209253	Rep Fitness LLC	03/01/2023	4209253	23150155.2	
4209727	Toshiba Carrier Corporation	04/09/2020	4209727	20952477.6	
4210268	Samsung Electronics Co., Ltd.	17/12/2018	4210268	23157497.1	
4210364	Samsung Electronics Co., Ltd.	06/10/2021	4210364	21877992.4	
4211643	Concirrus Ltd.	03/09/2021	4211643	21867392.9	
4211893	Volkswagen Group of America Investments, LLC	10/09/2021	4211893	21867667.4	
4211986	Apple Inc.	14/10/2020	4211986	20957058.9	
4212780	GE Vernova Technology GmbH	10/03/2021	4212780	23160812.6	
4212881	SYSMEX CORPORATION	23/12/2022	4212881	22216398.2	
4213372	Carrier Japan Corporation	10/09/2020	4213372	20953264.7	
4213683	Lefebvre, Benoit	17/09/2021	4213683	21787004.7	French
4213744	GT Metabolic Solutions, Inc.	17/09/2021	4213744	21870297.5	
4214045	On Clouds GmbH	08/09/2021	4214045	21773096.9	German
4214172	Saint-Gobain Glass France	20/09/2021	4214172	21785968.5	French
4215533	Axceso Biopharma Co., Ltd.	15/09/2021	4215533	21869716.7	
4215674	Yanmar Power Technology Co., Ltd.	05/07/2018	4215674	23159038.1	
4215921	HITACHI HIGH-TECH CORPORATION	08/03/2021	4215921	21868919.8	
4215998	Samsung Electronics Co., Ltd.	19/10/2022	4215998	22202527.2	

4216149	FUJITSU LIMITED	17/09/2020	4216149	20954136.6	
4216278	LG Display Co., Ltd.	28/10/2022	4216278	22204405.9	
4216398	LG Energy Solution, Ltd.	26/08/2022	4216398	22876682.0	
4217211	Pirelli Tyre S.p.A.	24/09/2021	4217211	21783355.7	
4217786	Apple Inc.	04/08/2021	4217786	21762239.8	
4217818	Dusty Robotics, Inc.	23/09/2021	4217818	21873450.7	
4217831	Apple Inc.	25/08/2021	4217831	21773928.3	
4220673	Raytheon Company	18/06/2019	4220673	23162959.3	
4220973	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	09/07/2021	4220973	21870954.1	
4221032	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	30/09/2020	4221032	20955767.7	
4221250	Vivo Mobile Communication Co., Ltd.	25/10/2021	4221250	21885074.1	
4221541	Oomph Systems B.V.	28/09/2021	4221541	21783517.2	
4222328	McArthur, Jacob Wajzman	28/09/2021	4222328	21873723.7	
4222517	G & W Electric Company	16/09/2022	4222517	22870985.3	
4222534	Milabs B.V.	29/09/2021	4222534	21810082.4	
4222552	Bausch + Lomb Ireland Limited	03/11/2021	4222552	21848284.2	
4222597	Nokia Technologies Oy	30/09/2020	4222597	20956430.1	
4223263	Innfocus, Inc.	24/05/2018	4223263	23164959.1	
4223648	The Boeing Company	15/12/2022	4223648	22213890.1	
4224196	Google LLC	24/10/2017	4224196	23164896.5	
4224257	ROLEX SA	01/10/2012	4224257	23173087.0	French
4224610	LG Energy Solution, Ltd.	22/11/2021	4224610	21903682.9	
4224872	Honor Device Co., Ltd.	29/08/2022	4224872	22879601.7	
4225607	Bambino Prezioso Switzerland AG	12/10/2021	4225607	21794113.7	
4226861	IMS Giotto S.p.A.	13/02/2023	4226861	23156212.5	
4226955	RIKEN	25/08/2021	4226955	21877254.9	
4227156	Amazonen-Werke H. Dreyer SE & Co. KG	24/01/2023	4227156	23401003.1	German
4227876	Honor Device Co., Ltd.	19/08/2022	4227876	22821834.3	
4227970	Niko NV	14/02/2023	4227970	23156435.2	
4229504	Google LLC	16/11/2021	4229504	21824197.4	
4229593	PAIGE.AI, Inc.	04/10/2021	4229593	21801322.5	
4229667	Siemens Aktiengesellschaft	21/12/2021	4229667	21843953.7	German
4230142	Kyungpook National University Industry- Academic Cooperation Foundation	19/10/2021	4230142	21883174.1	
4231098	Oki Electric Industry Co., Ltd.	11/11/2022	4231098	22206896.7	
4231226	WUHAN GUIDE SENSMART TECH CO., LTD	24/06/2022	4231226	22868430.4	
4231230	Median Technologies	18/02/2022	4231230	22315034.3	
4231670	Huawei Technologies Co. Ltd.	12/11/2020	4231670	20961096.3	
4231957	Devicor Medical Products, Inc.	01/12/2021	4231957	21824237.8	
4232372	Illinois Tool Works Inc.	20/10/2021	4232372	21806906.0	
4232835	Prilepov, Igor Switzer, David Turner, Carl Cattelan, Alexandra Kastanek, John Polaris Industries Inc.	20/10/2021	4232835	21883819.1	
4233044	Google LLC	05/05/2021	4233044	21728356.3	
4233084	Siemens Aktiengesellschaft	21/12/2021	4233084	21844654.0	German
4233330	Samsung Electronics Co., Ltd.	18/11/2021	4233330	21895125.9	
4233653	Vorwerk & Co. Interholding GmbH	24/02/2022	4233653	22158604.3	German
4233658	Jin, Yuzhao	11/10/2022	4233658	22200782.5	
4234196	LG Energy Solution, Ltd.	19/10/2021	4234196	21883183.2	
4234344	Siemens Mobility Austria GmbH	23/02/2023	4234344	23158258.6	German
4234357	CRRC Yangtze Co., Ltd.	13/08/2021	4234357	21881670.0	
4234561	Board of Regents of the University of Nebraska	22/10/2019	4234561	23160610.4	

4235469	Commissariat à l'Energie Atomique et aux Energies Alternatives Université Grenoble Alpes Institut Polytechnique de Grenoble	25/02/2022	4235469	22305211.9	
4235671	Silicon Storage Technology, Inc	06/09/2019	4235671	23174482.2	
4235730	enwitec electronic GmbH	25/02/2022	4235730	22158979.9	German
4235955	Sony Semiconductor Solutions Corporation	21/10/2021	4235955	21889043.2	
4236056	Huawei Digital Power Technologies Co., Ltd.	22/11/2019	4236056	23179230.0	
4236271	mitsubishi electric CORPORATION	19/11/2020	4236271	20962445.1	
4236590	Samsung Electronics Co., Ltd.	04/05/2018	4236590	23180796.7	
4236831	Shockwave Medical, Inc.	20/10/2021	4236831	21805823.8	
4237043	Boehringer Ingelheim International GmbH	29/10/2021	4237043	21802651.6	
4237418	Blueprint Medicines Corporation	30/10/2021	4237418	21820023.6	
4238262	InterDigital Patent Holdings, Inc.	25/10/2021	4238262	21810492.5	
4238454	Fama Sofas, S.L.U.	18/07/2022	4238454	22382682.7	
4238588	Samsung Electronics Co., Ltd.	15/12/2021	4238588	21923428.3	
4238618	OMA FITNESS EQUIPMENT CO., LTD.	28/06/2022	4238618	22181492.4	
4239312	Peking University	18/12/2021	4239312	21905847.6	
4239596	Xiaomi EV Technology Co., Ltd.	29/07/2022	4239596	22187743.4	
4239609	Hochiki Corporation	30/10/2020	4239609	20959865.5	
4239769	SK On Co., Ltd.	03/03/2023	4239769	23159975.4	
4240298	Johnson & Johnson Surgical Vision, Inc.	26/10/2021	4240298	21810722.5	
4240348	Boehringer Ingelheim International GmbH	04/11/2021	4240348	21801942.0	
4240576	BWXT Advanced Technologies LLC	02/11/2021	4240576	21889892.2	
4241024	Milwaukee Electric Tool Corporation	02/11/2021	4241024	21889898.9	
4241035	Valmet Technologies Oy	01/11/2021	4241035	21806307.1	
4241103	AVL List GmbH	08/11/2021	4241103	21806952.4	German
4241698	Coremedic AG	19/10/2016	4241698	23189170.6	
4241853	Zoetis Services LLC	21/11/2014	4241853	23150923.3	
4242113	The Boeing Company	14/02/2023	4242113	23156616.7	
4242393	Aichholzer, Josef Canins, Karl-Heinz	03/03/2023	4242393	23159998.6	German
4242439	Yanmar Holdings Co., Ltd.	02/03/2023	4242439	23159652.9	
4242604	Minebea Mitsumi Inc.	28/10/2021	4242604	21889113.3	
4242824	Huawei Technologies Co. Ltd.	10/12/2021	4242824	21909183.2	
4243585	OVH	29/05/2020	4243585	23183747.7	
4244087	Eaton Intelligent Power Limited	10/11/2021	4244087	21810532.8	
4244183	BASF SE	11/11/2021	4244183	21806282.6	
4244272	SHPP Global Technologies B.V.	08/11/2021	4244272	21814879.9	
4244973	Festool GmbH	28/10/2021	4244973	21802249.9	German
4244974	Festool GmbH	28/10/2021	4244974	21802252.3	German
4245071	Samsung Electronics Co., Ltd.	04/05/2022	4245071	22807709.5	
4245207	Intuitive Surgical Operations, Inc.	31/10/2017	4245207	23189294.4	
4245235	Zimmer, Inc.	28/08/2015	4245235	22208792.6	
4245432	ENI S.p.A.	28/06/2019	4245432	23190583.7	
4245880	Daye Special Steel Co., Ltd.	08/12/2022	4245880	22871159.4	
4248052	Schlumberger Technology B.V.	22/11/2021	4248052	21895902.1	
4248325	Aux Mode Inc.	19/11/2021	4248325	21909642.7	
4248403	Guerbet	27/10/2021	4248403	21885200.2	
4248610	THALES DIS FRANCE SAS	17/11/2021	4248610	21816353.3	
4249084	Usines Desautel	24/03/2023	4249084	23163950.1	French
4249855	Johannes Hübner Fabrik Elektrischer Maschinen GmbH	15/03/2023	4249855	23161953.7	German
4249863	Sidel Participations	24/03/2022	4249863	22164108.7	
4250020	PATEK PHILIPPE SA GENEVE	21/03/2022	4250020	22163346.4	French
4250136	AB Initio Technology LLC	22/05/2019	4250136	23191257.7	
4250314	Colgate-Palmolive Company	02/08/2019	4250314	23186280.6	
4250631	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	08/12/2020	4250631	20964526.6	

4250938	Innovo Srl Moba Group B.V.	26/11/2021	4250938	21815699.0	
4251012	air up group GmbH	26/11/2020	4251012	20815775.0	German
4251358	Illinois Tool Works, Inc.	24/11/2021	4251358	21830836.9	
4251708	The University of New Brunswick	26/11/2021	4251708	21896019.3	
4251875	DEME Offshore BE NV	23/11/2021	4251875	21816434.1	
4252285	The University of Liverpool	30/11/2021	4252285	21820676.1	
4252833	Inspire Medical Systems, Inc.	17/11/2016	4252833	23173212.4	
4253311	Coway Co., Ltd.	01/12/2021	4253311	21915559.5	
4253728	PRATT & WHITNEY CANADA CORP.	28/03/2023	4253728	23164843.7	
4253839	Hitachi Zosen Inova Steinmüller GmbH	23/03/2023	4253839	23163688.7	German
4253975	TWAICE Technologies GmbH	30/03/2022	4253975	22165579.8	
4254012	Suteng Innovation Technology Co., Ltd	29/03/2023	4254012	23165063.1	
4254162	Seiko Epson Corporation	27/03/2023	4254162	23164291.9	
4256213	ABB SCHWEIZ AG	07/12/2020	4256213	20820902.3	
4256218	Cummins, Inc.	26/10/2021	4256218	21901627.6	
4256225	GAZTRANSPORT ET TECHNIGAZ	03/12/2021	4256225	21835634.3	French
4256327	Centre National de la Recherche Scientifique (CNRS)	03/12/2021	4256327	21835636.8	French
4256473	Google LLC	24/03/2021	4256473	21718456.3	
4256980	New Flame Intelligent Manufacturing (Shenzhen) Co., Ltd.	26/11/2021	4256980	21899935.7	
4257260	JFE Steel Corporation	08/09/2021	4257260	21900271.4	
4257846	Zhejiang Jiechang Linear Motion Technology Co., Ltd	24/04/2022	4257846	22827169.8	
4257880	ebm-papst Landshut GmbH	21/03/2023	4257880	23163146.6	German
4257947	Casiroli, Renato	04/04/2023	4257947	23166435.0	
4258145	Dell Products, L.P.	27/05/2022	4258145	22175890.7	
4258575	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	28/12/2020	4258575	20967345.8	
4258638	CANON KABUSHIKI KAISHA	07/12/2022	4258638	22211880.4	
4258950	AWL IN IP Pty Ltd	14/12/2021	4258950	21904651.3	
4259687	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	06/12/2021	4259687	21904184.5	
4259963	SAFRAN AIRCRAFT ENGINES	06/12/2021	4259963	21840085.1	French
4260114	Nanolive SA	13/12/2021	4260114	21839098.7	
4260184	Microsoft Technology Licensing, LLC	30/10/2021	4260184	21820364.4	
4260193	QUALCOMM INCORPORATED	05/11/2021	4260193	21823406.0	
4260197	Advanced Micro Devices, Inc.	06/12/2021	4260197	21904202.5	
4260213	Nagravision Sarl	09/12/2021	4260213	21835250.8	
4260279	Novocure GmbH	02/03/2022	4260279	22710443.7	
4260305	Volkswagen Group of America Investments, LLC	07/12/2021	4260305	21904243.9	
4260545	Sony Group Corporation	08/12/2021	4260545	21831019.1	
4260764	Illien, Peter	12/04/2023	4260764	23167588.5	German
4260978	DMG MORI Pfronten GmbH	30/08/2019	4260978	23195398.5	German
4261060	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	30/12/2020	4261060	20967604.8	
4261092	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	21/12/2020	4261092	20966265.9	
4261658	Bhaptics Inc.	09/12/2021	4261658	21903852.8	
4261734	Arteris, Inc.	11/04/2023	4261734	23167417.7	
4261756	Alipay (Hangzhou) Information Technology Co., Ltd.	15/04/2023	4261756	23168139.6	
4262166	Huawei Technologies Co. Ltd.	24/12/2021	4262166	21917297.0	
4262517	Alcon Inc.	14/10/2021	4262517	21798125.7	
4262527	Koninklijke Philips N.V.	13/12/2021	4262527	21831028.2	
4262583	Boston Scientific Scimed, Inc.	17/12/2021	4262583	21844143.4	
4265262	KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES	17/12/2021	4265262	21907162.8	
4265440	BRIDGESTONE CORPORATION	23/06/2021	4265440	21906031.6	
4266032	RTX Corporation	28/03/2023	4266032	23164807.2	

4266341	Xiamen Hongfa Electric Power Controls Co., Ltd.	18/04/2023	4266341	23275062.0	
4266654	Samsung Electronics Co., Ltd.	02/03/2023	4266654	23712448.2	
4267050	Coloplast A/S	21/12/2021	4267050	21835575.8	
4267229	Vasonics, Inc.	22/12/2021	4267229	21912204.1	
4267271	Gases Research Innovation and Technology, S.L.	21/12/2021	4267271	21839581.2	
4267439	VOLVO TRUCK CORPORATION	23/12/2020	4267439	20842151.1	
4267875	ContiTech Deutschland GmbH	09/12/2021	4267875	21836339.8	German
4268683	Opinel SAS	24/04/2023	4268683	23169560.2	French
4268715	Wistron Corporation	01/11/2022	4268715	22204900.9	
4268727	Chongqing Haifu Medical Technology Co., Ltd.	30/08/2021	4268727	21908650.1	
4269016	Panasonic Intellectual Property Management Co., Ltd.	06/10/2021	4269016	21909881.1	
4269722	Z-Modular Holding, Inc	12/08/2016	4269722	23179873.7	
4269772	FPT Industrial S.p.A.	20/04/2023	4269772	23168916.7	
4270106	Magic Control Technology Corporation	30/03/2023	4270106	23165432.8	
4270700	Aginode Group	21/04/2023	4270700	23169217.9	French
4270710	Sungrow Power Supply Co., Ltd.	18/04/2023	4270710	23168566.0	
4271084	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	04/03/2021	4271084	21928540.0	
4271620	PA.COTTE SA	22/12/2021	4271620	21843999.0	French
4271644	VESTAS WIND SYSTEMS A/S	04/10/2021	4271644	21786083.2	
4272007	Robert Bosch GmbH	13/12/2021	4272007	21839389.0	German
4272140	ABB SCHWEIZ AG	30/12/2020	4272140	20838117.8	
4272154	SAFRAN SAFRAN AIRCRAFT ENGINES Ecole Normale Supérieure Paris-Saclay Centre National de la Recherche Scientifique	24/12/2021	4272154	21854679.4	French
4272870	Hermeler, Jürgen	05/05/2022	4272870	22171787.9	German
4273346	Lacko, Vladimir	30/05/2022	4273346	22020245.1	
4273443	Signify Holding B.V.	04/12/2012	4273443	23186632.8	
4273970	Kolon Industries, Inc.	05/08/2022	4273970	22856125.4	
4274130	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	16/03/2021	4274130	21930755.0	
4275196	D-Box Technologies Inc.	10/01/2022	4275196	22736489.0	
4275245	Google LLC	23/12/2021	4275245	21847876.6	
4275365	Signify Holding B.V.	28/12/2021	4275365	21847697.6	
4275656	Edwards Lifesciences Corporation	18/02/2015	4275656	23201694.9	
4276506	Hexatronic Cables & Interconnect Systems AB	13/05/2022	4276506	22173307.4	
4277352	HAN Networks Co., Ltd.	21/04/2023	4277352	23169268.2	
4278102	Audi AG	15/12/2021	4278102	21839882.4	German
4278131	Electrolux Home Products, Inc.	16/12/2021	4278131	21844468.5	
4278345	Raytheon Company	02/12/2021	4278345	21839728.9	
4279559	Sika Technology AG	14/12/2021	4279559	21919649.0	
4279675	Geberit International AG	17/05/2022	4279675	22173788.5	German
4280114	JVCKENWOOD Corporation	09/12/2021	4280114	21919627.6	
4280115	JVCKENWOOD Corporation	09/12/2021	4280115	21919628.4	
4280131	Tata Consultancy Services Limited	13/03/2023	4280131	23161553.5	
4280194	Hyundai Mobis Co., Ltd.	28/11/2022	4280194	22209861.8	
4282605	Kanefusa Kabushiki Kaisha	21/12/2021	4282605	21921319.6	
4282606	HATIBA Deutschland GmbH	25/05/2023	4282606	23175468.0	German
4282632	Cartonplast Iberica SLU (50%) Plastic Repair System 2011 SL (50%)	01/12/2021	4282632	21920895.6	
4282940	Spaas Kaarsen NV	22/05/2023	4282940	23174561.3	
4283445	Samsung Electronics Co., Ltd.	15/04/2022	4283445	22842242.4	
4284997	Saint-Gobain Glass France	24/01/2022	4284997	22701595.5	German
4285176	OQmented GmbH	05/05/2022	4285176	22728081.5	German
4285742	CJ Cheiljedang Corporation	19/09/2019	4285742	23199225.6	

4286808	Yokogawa Electric Corporation	26/05/2023	4286808	23175758.4	
4286893	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	20/12/2021	4286893	21926380.3	
4286902	National University Corporation Tokai National Higher Education and Research System Tokai Optical Co., Ltd.	17/02/2022	4286902	22763000.1	
4286988	Samsung Electronics Co., Ltd.	17/04/2023	4286988	23168192.5	
4287171	LG Electronics Inc.	30/05/2023	4287171	23176030.7	
4289389	Sentronic International Corp.	26/07/2022	4289389	22187019.9	
4289452	HUBEI SAILUO BIOLOGICAL MATERIAL CO., LTD	09/03/2022	4289452	22803601.8	
4289996	Illumina Inc.	05/11/2018	4289996	23205539.2	
4290437	Tata Consultancy Services Limited	28/09/2022	4290437	22198304.2	
4290760	TOYOTA JIDOSHA KABUSHIKI KAISHA	09/06/2023	4290760	23178516.3	
4290877	Samsung Electronics Co., Ltd.	06/03/2023	4290877	23753785.7	
4291101	Boston Scientific Scimed, Inc.	06/04/2022	4291101	22719167.3	
4292900	Hyundai Motor Company Kia Motors Corporation Ajou University Industry-Academic Cooperation Foundation	15/06/2023	4292900	23179490.0	
4293336	Sintokogio, Ltd.	09/05/2023	4293336	23172266.1	
4294265	Zelemiq Ltd	27/01/2022	4294265	22701401.6	
4294424	Zealand Pharma A/S	17/02/2022	4294424	22707673.4	
4295024	PHINIA Delphi Luxembourg SARL	11/02/2022	4295024	22705050.7	
4295516	Telefonaktiebolaget LM Ericsson (publ)	07/09/2021	4295516	21773365.8	
4295625	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	02/05/2022	4295625	22798733.6	
4295725	Shenzhen Ulike Smart Electronics Co., Ltd.	23/11/2019	4295725	23209495.3	
4296629	Krohne AG	06/06/2023	4296629	23177604.8	German
4297014	Casio Computer Co., Ltd.	19/06/2023	4297014	23180136.6	
4297115	LG Energy Solution, Ltd.	28/06/2022	4297115	22849731.9	
4297305	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	15/03/2021	4297305	21930699.0	
4297629	Essilor International	25/02/2022	4297629	22710357.9	
4297888	AFFIVAL	23/02/2022	4297888	22707450.7	French
4299532	Vantive US Healthcare LLC Vantive Health GmbH	27/12/2016	4299532	23210986.8	
4299683	SHIN-ETSU CHEMICAL CO., LTD.	14/02/2022	4299683	22759408.2	
4300215	Seiko Epson Corporation	26/06/2023	4300215	23181398.1	
4300425	China Telecom Corporation Limited	01/11/2021	4300425	21934526.1	
4301286	Nexus Spine, LLC	04/03/2022	4301286	22764203.0	
4301422	CTR, Lda	02/03/2021	4301422	21709670.0	
4301973	Destinus SA	11/05/2021	4301973	21726597.4	
4302052	Safran Electronics & Defense	28/02/2022	4302052	22711266.1	French
4302068	Lonza Ltd	04/03/2022	4302068	22709755.7	
4302366	HARTING Electric Stiftung & Co. KG	11/02/2022	4302366	22706244.5	German
4302544	Samsung Electronics Co., Ltd.	12/08/2022	4302544	22856294.8	
4302599	Nissui Corporation	14/02/2019	4302599	23212409.9	
4302730	SEWOON MEDICAL CO., LTD.	05/04/2021	4302730	21929283.6	
4303100	VOLKSWAGEN AG	31/05/2023	4303100	23176297.2	German
4303668	Richemont International S.A. Sigatec SA	05/07/2022	4303668	22183023.5	French
4303855	SKYLOTEC GmbH	15/06/2023	4303855	23179404.1	German
4304916	Cust2Mate Ltd.	10/03/2022	4304916	22766533.8	
4305329	ZSI-Foster, LLC	08/03/2022	4305329	22767795.2	
4305359	J.V.D. S.A.S.	11/06/2021	4305359	21730251.2	French
4305407	ArcelorMittal	10/03/2021	4305407	21712226.6	
4305615	VusionGroup SA VusionGroup GmbH	05/03/2022	4305615	22713388.1	German

4305712	SKS Kontakttechnik GmbH Phoenix Contact GmbH & Co KG	09/03/2022	4305712	22713408.7	German
4306121	Oils4Cure, S.L.	14/07/2022	4306121	22382668.6	
4306721	Yanmar Holdings Co., Ltd.	27/06/2023	4306721	23181751.1	
4306725	Yanmar Holdings Co., Ltd.	27/06/2023	4306725	23181660.4	
4306749	Ojmar S.A.	06/07/2023	4306749	23183809.5	
4306816	Aktiebolaget SKF	04/07/2023	4306816	23183198.3	
4306914	Illinois Tool Works Inc.	11/07/2023	4306914	23184704.7	
4307456	LG ENERGY SOLUTION, LTD.	25/03/2022	4307456	22776169.9	
4307637	NTT, Inc.	09/03/2021	4307637	21930055.5	
4307711	Honeywell Safety Products USA, Inc.	27/06/2023	4307711	23181666.1	
4308114	Dompé farmaceutici SpA	17/03/2022	4308114	22716203.9	
4308383	Robert Bosch GmbH	17/03/2022	4308383	22716370.6	German
4308794	SAFRAN AIRCRAFT ENGINES	15/03/2022	4308794	22712990.5	French
4309018	OMRON Corporation	11/03/2022	4309018	22771960.6	
4309033	Schaeffler Technologies AG & Co. KG	22/12/2021	4309033	21844986.6	German
4310423	LG Electronics Inc.	17/07/2023	4310423	23185760.8	
4311524	Balato, Giovanni Balato, Marco	28/07/2023	4311524	23188536.9	
4311675	RISO Technologies Corporation	16/06/2023	4311675	23179880.2	
4311801	TMT Machinery, Inc.	11/07/2023	4311801	23184752.6	
4311927	Horse Powertrain Solutions, S.L.U.	13/07/2023	4311927	23185422.5	French
4312666	HS Products Limited	23/03/2022	4312666	22716989.3	
4312733	Oura Health Oy	31/03/2022	4312733	22720819.6	
4312929	LINET spol. s r.o.	05/04/2022	4312929	22717424.0	
4313749	Armada Technologies Limited	25/04/2022	4313749	22725412.5	
4313799	Solidification Products International, Inc.	28/04/2022	4313799	22796767.6	
4314495	SAFRAN AIRCRAFT ENGINES	23/03/2022	4314495	22717222.8	French
4314658	Hulin-Bischof, Peter	25/03/2022	4314658	22718191.4	German
4315015	Advanced Micro Devices, Inc.	17/03/2022	4315015	22781871.3	
4315506	Teknologian Tutkimuskeskus VTT OY	16/03/2022	4315506	22712017.7	
4316352	NIKON CORPORATION	08/04/2022	4316352	22784737.3	
4317507	NIPPON STEEL CORPORATION	31/03/2022	4317507	22781226.0	
4317595	Sumitomo Construction Machinery Co., Ltd.	22/03/2022	4317595	22775637.6	
4317843	Weiss Technik GmbH	02/08/2022	4317843	22188399.4	German
4318530	Zhejiang Chint Electrics Co., Ltd.	31/03/2022	4318530	22897023.2	
4318535	Chint Low Voltage Electrical Technology Co., Ltd.	02/12/2022	4318535	22900644.0	
4318773	LG ENERGY SOLUTION, LTD.	21/12/2022	4318773	22916604.6	
4318795	Korea Institute of Fusion Energy	12/04/2023	4318795	23167599.2	
4319690	Nuvasive, Inc.	03/04/2022	4319690	22718495.9	
4320383	Glery Limited	08/04/2021	4320383	21725680.9	
4320384	Jones, Frederick Michael	08/04/2022	4320384	22721757.7	
4320676	Aspen Aerogels Inc.	01/07/2022	4320676	22748204.9	
4321061	air up group GmbH	08/08/2022	4321061	22189240.9	
4321750	Wobben Properties GmbH	11/08/2023	4321750	23191174.4	
4322219	Changxin Memory Technologies, Inc.	08/07/2022	4322219	22783273.0	
4323127	Unitec S.p.A.	07/04/2022	4323127	22721085.3	
4323194	Linx Printing Technologies Ltd	12/04/2022	4323194	22718271.4	
4323200	Zephir S.p.A.	14/09/2021	4323200	21786260.6	
4323693	Snap Inc.	11/04/2022	4323693	22725581.7	
4323726	Mercedes-Benz Group AG	30/03/2022	4323726	22719293.7	German
4324571	Hyundai Mobis Co., Ltd.	01/12/2022	4324571	22210767.4	
4324737	Leonardo UK Limited	21/04/2016	4324737	24151199.7	
4324816	Lg Chem, Ltd.	24/11/2022	4324816	22899048.7	
4325841	Adeia Guides Inc.	17/09/2010	4325841	23202538.7	
4325967	Datang Mobile Communications Equipment Co., Ltd.	14/03/2022	4325967	22787307.2	
4325981	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	21/06/2021	4325981	21946317.1	
4327019	Dürr CTS GmbH	13/04/2022	4327019	22719506.2	German

4327130	Xona Space Systems Inc.	11/04/2022	4327130	22792669.8	
4328445	Podhola, Kamil	22/08/2023	4328445	23020393.7	
4328573	LG Energy Solution, Ltd.	07/04/2022	4328573	22791932.1	
4328780	NTT, Inc.	28/05/2021	4328780	21943093.1	
4329920	DIRECT AIR CAPTURE, LLC	26/04/2022	4329920	22728323.1	
4330517	Halliburton Energy Services, Inc.	24/06/2021	4330517	21939571.2	
4330915	Shanghai United Imaging Healthcare Co., Ltd.	31/05/2022	4330915	22815271.6	
4331465	Foshan Shunde Midea Washing Appliances Manufacturing Co., Ltd.	30/11/2021	4331465	21941698.9	
4331690	SSG International, LLC	18/08/2023	4331690	23192122.2	
4331972	Brunswick Corporation	16/08/2023	4331972	23191674.3	
4332227	The Trustees of the University of Pennsylvania	21/08/2006	4332227	23195786.1	
4332550	Continuous Materials Intellectual Property, LLC	28/07/2023	4332550	23188550.0	
4332754	Dagger, Inc.	26/04/2023	4332754	23170116.0	
4332930	Urmet S.P.A.	27/07/2023	4332930	23188207.7	
4332977	Castle Biosciences, Inc.	01/05/2019	4332977	23209565.3	
4333057	Samsung Display Co., Ltd.	29/08/2023	4333057	23194108.9	
4333306	Infineon Technologies Austria AG	01/09/2022	4333306	22193542.2	
4335188	Lenovo (Singapore) Pte. Ltd.	06/05/2021	4335188	21726343.3	
4335239	QUALCOMM INCORPORATED	31/03/2022	4335239	22718455.3	
4335600	Shenzhen Pudu Technology Co., Ltd.	16/06/2022	4335600	22824289.7	
4335699	VOLVO TRUCK CORPORATION	12/09/2022	4335699	22195216.1	
4336035	General Electric Company	06/09/2023	4336035	23195652.5	
4336172	JFE Steel Corporation	10/03/2022	4336172	22804328.7	
4336188	ARKRAY, Inc.	11/09/2023	4336188	23196516.1	
4336608	LG Energy Solution, Ltd.	29/09/2022	4336608	22876872.7	
4336804	Apple Inc.	05/02/2015	4336804	24151759.8	
4336812	Samsung Electronics Co., Ltd.	14/06/2023	4336812	23735959.1	
4337561	APTAR France SAS	09/05/2022	4337561	22730578.6	French
4337992	Analog Devices, Inc.	27/04/2022	4337992	22808034.7	
4338024	Dürr Systems AG	01/08/2022	4338024	22758512.2	German
4338318	QUALCOMM Incorporated	13/05/2021	4338318	21941339.0	
4338674	Siemens Healthineers AG	14/09/2022	4338674	22195622.0	German
4338848	Coster Technologie Speciali S.p.A.	01/09/2023	4338848	23194790.4	
4339116	Pharma Engineering Limited	25/07/2023	4339116	23187682.2	
4339907	TOYOTA JIDOSHA KABUSHIKI KAISHA	14/09/2022	4339907	22195730.1	
4340473	Czech Technical University in Prague GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	04/06/2021	4340473	21943592.2	
4340527	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	17/08/2021	4340527	21953688.5	
4341018	Kuka Systems North America LLC	18/05/2022	4341018	22805397.1	
4342064	Vensum Power Oy	06/05/2022	4342064	22725517.1	
4342811	Aicello Corporation	31/03/2022	4342811	22804443.4	
4343156	Rolls-Royce plc	11/09/2023	4343156	23196470.1	
4343164	WILO SE	29/08/2023	4343164	23193839.0	German
4343236	Daikin Industries, Ltd.	18/05/2022	4343236	22804717.1	
4343447	FUJIFILM Business Innovation Corp.	24/03/2023	4343447	23163902.2	
4343523	Palantir Technologies Inc.	20/09/2023	4343523	23198643.1	
4343679	Beijing Zitiao Network Technology Co., Ltd.	20/07/2022	4343679	22845353.6	
4343703	Siemens Healthineers AG	26/09/2022	4343703	22197773.9	German
4343807	Littelfuse, Inc.	15/09/2023	4343807	23197756.2	
4343901	Hyundai Motor Company Kia Corporation	19/12/2022	4343901	22214545.0	
4344128	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	11/06/2021	4344128	21944617.6	
4344265	QUALCOMM Incorporated	26/08/2019	4344265	23208107.5	

4344398	Glycoscience, S.L.	24/11/2022	4344398	22822043.0	
4344692	Belforte, Guido	06/09/2023	4344692	23195691.3	
4344848	Belforte, Paolo Giovanni Luca				
4344848	Voss Automotive GmbH	14/09/2023	4344848	23020428.1	German
4345003	HENSOLDT Sensors GmbH	29/09/2022	4345003	22198570.8	
4345488	Nokia Solutions and Networks Oy	19/09/2023	4345488	23198178.8	
4345595	Samsung Electronics Co., Ltd.	29/11/2022	4345595	22210119.8	
4345999	LG Energy Solution, Ltd.	22/12/2022	4345999	22912002.7	
4346000	Shenzhen Senior Technology Material Co., Ltd.	27/05/2022	4346000	22824036.2	
	Jiangsu Senior New Material Technology Co., Ltd				
4346090	SCHNEIDER ELECTRIC INDUSTRIES SAS	28/09/2023	4346090	23200489.5	French
4346238	Cambridge Mobile Telematics Inc.	14/09/2023	4346238	23197444.5	
4346529	Maier, Johannes	25/05/2022	4346529	22732033.0	German
4346700	Tarantini, Giuseppe	24/05/2022	4346700	22736013.8	
4346969	Vapotherm, Inc.	26/05/2022	4346969	22740558.6	
4347335	Faiveley Transport Italia S.p.A.	03/06/2022	4347335	22734362.1	
4348000	Cameron Technologies Limited	27/05/2022	4348000	22812258.6	
4348388	Google LLC	07/09/2021	4348388	21786302.6	
4349496	IO Tech Group, Ltd.	05/03/2019	4349496	24158051.3	
4349892	Pro Urbano Vertrieb GmbH	04/10/2022	4349892	22199658.0	German
4350208	Skoda Auto a.s.	25/09/2023	4350208	23020445.5	German
4350235	Renson NV	29/09/2023	4350235	23201049.6	
4350670	NTT, Inc.	04/06/2021	4350670	21944187.0	
4351712	BIOTRONIK SE & Co. KG	25/05/2022	4351712	22728645.7	
4352436	Loesche GmbH	08/09/2021	4352436	21777225.0	German
4352684	BGC Partners, L.P.	03/06/2022	4352684	22821224.7	
4352727	Google LLC	09/08/2021	4352727	21762943.5	
4352950	GOOGLE LLC	24/08/2021	4352950	21772904.5	
4353626	Holimex International B.V.	12/10/2023	4353626	23203215.1	
4354385	NTT, Inc.	07/06/2021	4354385	21944980.8	
4354415	NTT, Inc.	08/06/2021	4354415	21945044.2	
4354559	Kolon Industries, Inc.	08/07/2022	4354559	22864851.5	
4354958	Nokia Technologies Oy	11/09/2023	4354958	23196498.2	
4355155	Lululemon Athletica Canada Inc.	08/06/2022	4355155	22823715.2	
4355409	Qu, Shaolong	09/03/2022	4355409	22825480.1	
	Mi, Youshi				
	Qu, Weihao				
4356180	Apple Inc.	29/07/2022	4356180	22761702.4	
4356418	MSV SYSTEMS & SERVICES PTE LTD	29/12/2021	4356418	21915965.4	
4357168	Bridgestone Europe NV/SA	18/10/2022	4357168	22202079.4	
4357496	Mitsubishi Chemical Corporation	17/06/2022	4357496	22825088.2	
4358103	Yantai Zhenghai Magnetic Material Co., Ltd.	20/07/2022	4358103	22845354.4	
	Nantong Zhenghai Magnet Co., Ltd.				
4358497	Samsung Electronics Co., Ltd.	21/10/2022	4358497	22884101.1	
4359700	Zeeco Inc.	22/06/2022	4359700	22829217.3	
4359706	Süleyman Demirel Üniversitesi İdari ve Mali İşler Daire Başkanlığı Genel Sekreterlik	29/12/2022	4359706	22945113.3	
4359787	Büchi Labortechnik AG	07/06/2022	4359787	22731704.7	German
4359880	QUALCOMM INCORPORATED	10/06/2022	4359880	22738306.4	
4360275	Telefonaktiebolaget LM Ericsson (publ)	23/06/2021	4360275	21737002.2	
4361449	Pfeiffer Vacuum Technology AG	29/02/2024	4361449	24160525.2	German
4361563	THALES	26/10/2023	4361563	23206161.4	French
4361629	ARKRAY, Inc.	18/10/2023	4361629	23204377.8	
4362093	Commissariat à l'Energie Atomique et aux Energies Alternatives	20/10/2023	4362093	23204952.8	French
4362585	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	30/09/2021	4362585	21958839.9	

4363190	Lupke, Manfred A. A. Lupke, Stefan A.	28/06/2022	4363190	22831096.7	
4364097	Accuray LLC	30/06/2021	4364097	21746257.1	
4364247	Clark, Michael, W.	08/06/2022	4364247	22833876.0	
4364370	Nokia Technologies Oy	28/06/2021	4364370	21737410.7	
4364698	Waldemar Link GmbH & Co. KG	30/10/2023	4364698	23206857.7	
4364712	Samsung Electronics Co., Ltd.	29/07/2022	4364712	22853369.1	
4365588	Sintokogio, Ltd. NATIONAL UNIVERSITY CORPORATION TOYOHASHI UNIVERSITY OF TECHNOLOGY	06/11/2023	4365588	23207918.6	
4365855	TROPHY SAS Carestream Dental LLC	02/11/2022	4365855	22306655.6	
4365946	Samsung Electronics Co., Ltd.	26/09/2023	4365946	23199710.7	
4366174	Samsung Electronics Co., Ltd.	30/10/2022	4366174	22895896.3	
4366332	Kyocera Corporation	03/08/2022	4366332	22853088.7	
4366482	Huawei Digital Power Technologies Co., Ltd.	28/12/2020	4366482	23215653.9	
4367226	VIB VZW Universiteit Gent	04/07/2022	4367226	22744165.6	
4367660	Ecole Polytechnique Centre National de la Recherche Scientifique	05/07/2022	4367660	22753723.0	French
4368400	Seiko Epson Corporation	13/11/2023	4368400	23209501.8	
4368453	VOLVO TRUCK CORPORATION	14/11/2022	4368453	22207092.2	
4368509	B/E Aerospace, Inc.	14/11/2022	4368509	22207328.0	
4369079	UNICON Optical Co., LTD.	11/11/2022	4369079	22206942.9	
4369115	Tata Consultancy Services Limited	26/10/2023	4369115	23206117.6	
4369155	Samsung Electronics Co., Ltd.	07/08/2023	4369155	23762127.1	
4369293	Samsung Electronics Co., Ltd.	19/07/2023	4369293	23186413.3	
4369677	Panasonic Intellectual Property Corporation of America	19/04/2022	4369677	22837321.3	
4369970	Y. Berger & Co. AB	01/12/2022	4369970	22826108.7	
4370814	Peroni Pompe S.p.A.	26/05/2023	4370814	23733452.9	
4370980	Siemens Aktiengesellschaft	18/08/2021	4370980	21769572.5	
4370997	META PLATFORMS TECHNOLOGIES, LLC	12/07/2022	4370997	22751907.1	
4371440	Song, Soo Bok	27/05/2022	4371440	22842276.2	
4371502	St. Jude Medical Puerto Rico LLC	18/04/2012	4371502	24166731.0	
4371628	Technogym S.p.A.	07/11/2023	4371628	23208355.0	
4372177	Stofix Oy	13/11/2023	4372177	23209422.7	
4372261	Wuxi Jinhua Yiyuan Technology Co., Ltd	11/10/2022	4372261	22826787.8	
4372908	Samsung Electronics Co., Ltd.	01/09/2022	4372908	22867635.9	
4373037	Sony Group Corporation	10/03/2022	4373037	22841691.3	
4374379	DRK-Blutspendedienst Baden-Württemberg-Hessen gGmbH	20/07/2022	4374379	22754836.9	
4374961	APS Japan Co., Ltd.	06/06/2022	4374961	22845702.4	
4375502	Wobben Properties GmbH	25/11/2022	4375502	22209644.8	German
4375954	Tata Consultancy Services Limited	22/09/2023	4375954	23199126.6	
4376175	LG Energy Solution, Ltd.	19/04/2023	4376175	23792162.2	
4376184	SK On Co., Ltd.	27/07/2023	4376184	23188013.9	
4376193	Contemporary Ampere Technology (Hong Kong) Limited	14/12/2022	4376193	22918372.8	
4376329	Avago Technologies International Sales Pte. Limited	10/11/2023	4376329	23209179.3	
4376639	N.V. Nutricia	28/07/2022	4376639	22744786.9	
4376736	CONMED Corporation	28/07/2022	4376736	22850300.9	
4377149	Wonderland Switzerland AG	29/07/2022	4377149	22758497.6	
4377181	Siemens Mobility Austria GmbH	26/09/2022	4377181	22789226.2	German
4377904	QUALCOMM INCORPORATED	25/05/2022	4377904	22740713.7	
4378109	Samsung Electronics Co., Ltd.	29/07/2022	4378109	22849944.8	
4378540	Microvast Power Systems Co., Ltd.	24/11/2023	4378540	23211908.1	

4378714	BRIDGESTONE CORPORATION	22/06/2022	4378714	22849075.1	
4379006	Sun Chemical B.V.	20/10/2022	4379006	22830566.0	
4379067	Institut National Des Sciences Appliquées De Rouen Centre National de la Recherche Scientifique Universite de Rouen Normandie Hermes Sellier	01/12/2022	4379067	22306769.5	
4379746	Changchun Jetty Automotive Technology Co., Ltd.	15/07/2022	4379746	22848295.6	
4379890	LG Energy Solution, Ltd.	19/10/2022	4379890	22884029.4	
4381158	Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Bamberg	02/08/2021	4381158	21755420.3	German
4381166	Saudi Arabian Oil Company	05/08/2022	4381166	22761798.2	
4381504	Silicon Storage Technology, Inc.	13/11/2021	4381504	21823428.4	
4381652	Samsung Electronics Co., Ltd.	28/10/2022	4381652	22887711.4	
4382303	Toshiba TEC Kabushiki Kaisha	25/08/2023	4382303	23193422.5	
4382367	AUDI AG	08/12/2022	4382367	22212162.6	German
4382374	Robert Bosch GmbH	01/12/2023	4382374	23213647.3	
4382418	HYUNDAI MOTOR COMPANY Kia Corporation	09/11/2023	4382418	23208771.8	
4382772	Volvo Car Corporation	05/12/2023	4382772	23214290.1	
4383546	Huawei Digital Power Technologies Co., Ltd.	05/12/2023	4383546	23214222.4	
4383744	Honor Device Co., Ltd.	13/04/2023	4383744	23810686.8	
4384009	Oystershell NV	12/08/2022	4384009	22765766.5	
4384049	DV8 ID S.r.l.	12/08/2021	4384049	21783339.1	
4384339	Illinois Tool Works, Inc.	10/08/2022	4384339	22761034.2	
4385203	Google LLC	26/07/2022	4385203	22757792.1	
4385369	Childhome B.V BEABA	13/12/2023	4385369	23216314.7	French
4385405	Biosense Webster (Israel) Ltd.	15/12/2023	4385405	23217062.1	
4385801	Changchun Jetty Automotive Technology Co., Ltd.	12/08/2022	4385801	22855525.6	
4385868	MAHLE International GmbH	15/12/2022	4385868	22213818.2	
4385931	Timmer GmbH	07/12/2023	4385931	23214933.6	German
4386379	Dongmoonent Co., Ltd Centennial Technology Company	02/08/2022	4386379	22856088.4	
4386676	Tencent Technology (Shenzhen) Company Limited	23/08/2023	4386676	23861666.8	
4386831	Sony Semiconductor Solutions Corporation	24/03/2022	4386831	22855715.3	
4387171	Commissariat à l'Energie Atomique et aux Energies Alternatives	16/12/2022	4387171	22306910.5	
4387258	Honor Device Co., Ltd.	13/04/2023	4387258	23814793.8	
4387483	NIKE Innovate C.V.	15/08/2022	4387483	22765323.5	
4387653	Fibrosoft (AU) Pty Ltd	25/08/2022	4387653	22859663.1	
4388414	Amazon Technologies, Inc.	23/09/2022	4388414	22789443.3	
4389075	Coloplast A/S	12/12/2023	4389075	23215820.4	
4389159	TERRA VENTURES S.R.L.	21/12/2022	4389159	22215556.6	
4390078	Yamaha Hatsudoki Kabushiki Kaisha	11/10/2023	4390078	23202931.4	
4390373	Lin, Hsiu-An	23/12/2022	4390373	22216299.2	
4390533	Samsung Electronics Co., Ltd.	13/10/2022	4390533	22883869.4	
4390940	Sophia Genetics S.A.	12/12/2018	4390940	24156160.4	
4391667	Huawei Technologies Co. Ltd.	15/12/2022	4391667	22914288.0	
4391866	Colgate-Palmolive Company	05/12/2022	4391866	22846985.4	
4393309	Solarec	28/12/2023	4393309	23220468.5	French
4393323	Beltaste Hamont NV	28/12/2023	4393323	23220532.8	
4393435	Biosense Webster (Israel) Ltd.	22/12/2023	4393435	23219880.4	
4393662	Panasonic Intellectual Property Corporation of America	27/07/2022	4393662	22861041.6	
4393714	CANON KABUSHIKI KAISHA	20/12/2023	4393714	23218397.0	
4393896	Luoyang Maile Refractory Co., Ltd	24/08/2022	4393896	22905933.2	

4394397	State Grid Zhejiang Electric Power Company Marketing Service Center China Electric Power Research Institute Wuhan Branch China Electric Power Research Institute State Grid Corporation of China	11/08/2022	4394397	22888935.8	
4394762	Samsung Electronics Co., Ltd.	02/11/2023	4394762	23793982.2	
4394766	Tencent Technology (Shenzhen) Company Limited	27/04/2023	4394766	23822811.8	
4395026	LG Energy Solution, Ltd.	21/10/2022	4395026	22884111.0	
4395205	ZTE Corporation	26/09/2022	4395205	22872196.5	
4395271	Tencent Technology (Shenzhen) Company Limited	16/11/2022	4395271	22934817.2	
4395516	LG Display Co., Ltd.	13/09/2023	4395516	23197247.2	
4396347	Università Degli Studi Di Torino	30/08/2022	4396347	22773548.7	
4397243	i-Sens, Inc.	01/06/2018	4397243	24178194.7	
4398468	Huawei Digital Power Technologies Co., Ltd.	11/12/2023	4398468	23215540.8	
4399689	Johnson Controls Tyco IP Holdings LLP	15/08/2022	4399689	22765715.2	
4400019	Dreame Innovation Technology (Suzhou) Co., Ltd.	24/06/2022	4400019	22862828.5	
4400330	Sumitomo Rubber Industries, Ltd.	13/11/2023	4400330	23209301.3	
4400411	The Boeing Company	09/11/2023	4400411	23208727.0	
4401386	Samsung Electronics Co., Ltd.	09/12/2022	4401386	22907852.2	
4401535	Samsung Electronics Co., Ltd.	30/11/2023	4401535	23822221.0	
4401610	Versuni Holding B.V.	30/08/2022	4401610	22769719.0	
4403118	Boston Scientific Scimed, Inc.	15/07/2020	4403118	24173601.6	
4403542	FUJIFILM Corporation	30/08/2022	4403542	22867256.4	
4403929	Nuvoton Technology Corporation Japan	14/09/2022	4403929	22870007.6	
4404529	Cambridge Mobile Telematics Inc.	16/09/2016	4404529	24181207.2	
4405040	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	26/09/2022	4405040	22792892.6	German
4405142	Koninklijke Philips N.V.	12/09/2022	4405142	22773264.1	
4405304	Bechtel Energy Technologies & Solutions, Inc.	23/09/2022	4405304	22873657.5	
4405573	PHINIA Delphi Luxembourg SARL	19/09/2022	4405573	22790487.7	
4406674	Honor Device Co., Ltd.	26/04/2023	4406674	23829665.1	
4406770	LG Energy Solution, Ltd.	11/08/2023	4406770	23863361.4	
4406828	Airbus Operations GmbH	08/12/2023	4406828	23215218.1	German
4407010	Shanghai Changfa New Materials Co., Ltd.	08/11/2023	4407010	23866638.2	
4407389	Krohne Messtechnik GmbH	28/11/2023	4407389	23212580.7	German
4407557	Huawei Technologies Co. Ltd.	23/09/2022	4407557	22880127.0	
4407793	Honor Device Co., Ltd.	26/04/2023	4407793	23810747.8	
4407898	China Telecom Corporation Limited	11/07/2022	4407898	22871559.5	
4407969	Honor Device Co., Ltd.	10/04/2023	4407969	23818814.8	
4408012	Samsung Electronics Co., Ltd.	26/01/2024	4408012	24154066.5	
4408042	IPLA Holdings Inc.	21/05/2014	4408042	24179767.9	
4408317	Ennoia	27/09/2022	4408317	22797691.7	French
4409118	FPT Industrial S.p.A.	22/09/2022	4409118	22790363.0	
4409261	MD Invention Oeno	27/09/2022	4409261	22777724.0	French
4410134	Juul Labs, Inc.	07/06/2019	4410134	24182333.5	
4410318	Cerus Corporation	24/06/2016	4410318	24161270.4	
4411072	Mincon International Limited	28/04/2022	4411072	24183706.1	
4411290	DAIKIN INDUSTRIES, LTD.	22/09/2022	4411290	22876056.7	
4411463	Samsung Electronics Co., Ltd.	24/11/2022	4411463	22922342.5	
4411482	FUJIFILM Business Innovation Corp.	09/08/2023	4411482	23190470.7	
4411518	Samsung Electronics Co., Ltd.	08/09/2022	4411518	22893000.4	
4412418	Honor Device Co., Ltd.	19/09/2023	4412418	23844349.3	
4412482	ODM GmbH	28/09/2022	4412482	22786820.5	German
4413232	Deep Isolation, Inc.	06/10/2022	4413232	22879282.6	
4413296	Trilux GmbH & Co. KG	07/10/2022	4413296	22800244.0	German
4414267	AMI Industries, Inc.	29/09/2021	4414267	24185325.8	

4414537	Cummins, Inc.	12/12/2023	4414537	23216047.3	
4415291	HYBE Co., Ltd.	12/02/2018	4415291	24185687.1	
4415835	Oxefit, Inc.	12/10/2022	4415835	22881685.6	
4416250	Chevron U.S.A. Inc.	03/10/2022	4416250	22785808.1	
4416298	Cargill, Incorporated	11/10/2022	4416298	22798038.0	
4417875	Collins Engine Nozzles, Inc.	12/02/2024	4417875	24157182.7	
4418232	NISSAN MOTOR CO., LTD.	15/10/2021	4418232	21960676.1	
4420303	Raytheon Systems Limited	14/10/2022	4420303	22793448.6	
4420334	Banner Engineering Corp.	21/10/2022	4420334	22835177.1	
4420561	Flokk Sp. z o.o.	16/02/2024	4420561	24158026.5	
4421523	Self Electronics Co., Ltd. SELF ELECTRONICS Germany GmbH Lin, Wanjiang	26/02/2024	4421523	24159676.6	
4421649	Samsung Electronics Co., Ltd.	16/01/2024	4421649	24152107.9	
4421808	SAMSUNG ELECTRONICS CO., LTD.	11/01/2024	4421808	24151362.1	
4422431	JT International S.A.	24/10/2022	4422431	22789943.2	
4423816	Huawei Technologies Co. Ltd.	06/12/2021	4423816	21830650.4	
4424595	Airbus Operations GmbH	28/02/2023	4424595	23159270.0	
4424630	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	16/02/2024	4424630	24158044.8	
4424993	ZF Commercial Vehicle Systems (Qingdao) Co., Ltd.	28/02/2024	4424993	24160353.9	
4425120	Tanita Corporation	19/08/2020	4425120	24188923.7	
4425173	Tata Consultancy Services Limited	27/02/2024	4425173	24159942.2	
4425175	Zhejiang Institute of Tianjin University (Shaoxing) Tianjin University Zhejiang Huakang Pharmaceutical Co., Ltd.	06/07/2023	4425175	23878716.2	
4425412	Maxim Smart Manufacturing Co., Ltd	28/02/2024	4425412	24160305.9	
4425432	ARCOSFT CORPORATION LIMITED	14/10/2022	4425432	22885712.4	
4425991	Datang Mobile Communications Equipment Co., Ltd.	11/10/2022	4425991	22885656.3	
4426080	Samsung Electronics Co., Ltd.	29/11/2022	4426080	22899148.5	
4426244	Salts Healthcare Limited	04/11/2022	4426244	22803050.8	
4426298	Boehringer Ingelheim International GmbH	08/12/2022	4426298	22839143.9	
4426938	Siemens Gamesa Renewable Energy Innovation & Technology S.L.	07/12/2022	4426938	22830846.6	
4427950	Bridgestone Europe NV/SA	09/03/2023	4427950	23161025.4	
4428010	Hyundai Mobis Co., Ltd.	20/10/2023	4428010	23204857.9	
4429941	SRC GROUP AS	08/11/2021	4429941	21810741.5	
4430797	Samsung Electronics Co., Ltd.	26/12/2022	4430797	22916660.8	
4430993	Cimbali Group S.p.A.	07/03/2024	4430993	24162128.3	
4431755	Nippon Thompson Co., Ltd.	07/10/2022	4431755	22892464.3	
4432006	Meta Platforms Technologies, LLC	08/03/2024	4432006	24162450.1	
4432639	Samsung Electronics Co., Ltd.	15/12/2023	4432639	23821111.4	
4432693	ZTE Corporation	06/09/2022	4432693	22891612.8	
4433272	DAUNIA PLAST S.p.A.	10/08/2022	4433272	22769365.2	
4435038	Coating Technology S.r.l.	21/03/2024	4435038	24165206.4	
4435596	Beijing Zitiao Network Technology Co., Ltd.	09/03/2023	4435596	23769645.5	
4436080	Samsung Electronics Co., Ltd.	07/03/2024	4436080	24161961.8	
4436302	Sharp Kabushiki Kaisha	17/07/2019	4436302	24193157.5	
4438419	IPGATE AG	21/03/2019	4438419	24194386.9	German
4438592	Shanghai Bios Technology Co., Ltd.	21/11/2022	4438592	22964190.7	
4439596	Sichuan University	21/12/2023	4439596	23904777.2	
4440416	L'OREAL	30/11/2022	4440416	22823425.8	
4441079	Oxford University Innovation Limited	29/11/2022	4441079	22822625.4	
4441456	SABIC Global Technologies B.V.	02/12/2022	4441456	22829753.7	
4442862	Plug Power, Inc.	13/02/2024	4442862	24157387.2	
4442878	Lululemon Athletica Canada Inc.	08/04/2024	4442878	24169055.1	
4443915	Carrier Corporation	22/03/2024	4443915	24165584.4	
4444536	Continental Reifen Deutschland GmbH	08/12/2022	4444536	22829689.3	German

4444554	Canon Production Printing Holding B.V.	05/12/2022	4444554	22830471.3	German
4444593	Matratu GmbH	23/09/2022	4444593	22782818.3	German
4444823	Shell Internationale Research Maatschappij B.V.	30/11/2022	4444823	22839964.8	
4444988	Saudi Arabian Oil Company	07/12/2022	4444988	22847322.9	
4445036	AUMOVIO Germany GmbH	08/12/2022	4445036	22834947.8	German
4445055	GCE Group AB	06/12/2022	4445055	22826420.6	
4445164	AUMOVIO Germany GmbH	09/12/2022	4445164	22834596.3	
4445234	Robert Bosch GmbH	05/12/2022	4445234	22823583.4	German
4445414	AT&S Austria Technologie & Systemtechnik Aktiengesellschaft	21/09/2023	4445414	23776884.1	
4446247	Verily Life Sciences LLC	16/03/2020	4446247	24197070.6	
4446709	Yamato Scale Co., Ltd.	06/12/2021	4446709	21967078.3	
4446856	Honor Device Co., Ltd.	20/12/2022	4446856	22920039.9	
4446934	Aesculap AG	11/04/2024	4446934	24169776.2	German
4446990	Tata Consultancy Services Limited	18/12/2023	4446990	23217625.5	
4447422	Nokia Solutions and Networks Oy	03/04/2024	4447422	24168303.6	
4447769	AKTIEBOLAGET ELECTROLUX	15/12/2021	4447769	21840496.0	
4447853	Koninklijke Philips N.V.	14/12/2022	4447853	22838713.0	
4448048	Deutsches Zentrum für Luft- und Raumfahrt e.V.	15/12/2022	4448048	22839673.5	German
	Albert-Ludwigs-Universität Freiburg				
4448237	Koninklijke Philips N.V.	01/12/2022	4448237	22830141.2	
4448608	BASF SE	14/12/2022	4448608	22838731.2	
4448615	Allnex Austria GmbH	15/12/2022	4448615	22839669.3	
4448936	Robert Bosch GmbH	16/12/2022	4448936	22839716.2	German
4449018	IFP Energies nouvelles	07/12/2022	4449018	22834900.7	French
	TotalEnergies OneTech				
4449019	BSH Hausgeräte GmbH	01/12/2022	4449019	22829543.2	
4449494	Rogers Germany GmbH	13/12/2022	4449494	22835378.5	German
4449533	Umicore	13/12/2022	4449533	22838657.9	
4449818	Signify Holding B.V.	06/12/2022	4449818	22830501.7	
4449819	Signify Holding B.V.	05/12/2022	4449819	22829769.3	
4450312	Unick Corporation	21/09/2023	4450312	23198695.1	
4450815	Manzini, Roberto	12/04/2024	4450815	24169898.4	
4450985	NXP B.V.	19/04/2023	4450985	23168733.6	
4451470	Honor Device Co., Ltd.	17/08/2023	4451470	23862163.5	
4452023	Société des Produits Nestlé S.A.	21/12/2022	4452023	22840738.3	
4452373	Chiesi Farmaceutici S.p.A.	19/12/2022	4452373	22840134.5	
4452385	TARIS Biomedical LLC	20/12/2022	4452385	22851222.4	
4452582	BASF SE	14/12/2022	4452582	22839218.9	
4452670	Pirelli Tyre S.p.A.	15/12/2022	4452670	22843375.1	
4452950	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	19/12/2022	4452950	22840089.1	French
4453060	SYENSQO SA	19/12/2022	4453060	22840135.2	
4453243	ILLUMINA, INC.	16/12/2022	4453243	22857058.6	
4453425	Schaeffler Technologies AG & Co. KG	16/12/2022	4453425	22839747.7	German
4453832	BASF SE	19/12/2022	4453832	22836235.6	
4454588	metamorphosis GmbH	24/04/2023	4454588	23169542.0	
4454949	Great Wall Motor Company Limited	13/12/2022	4454949	22909813.2	
4455017	Airbus Operations GmbH	27/04/2023	4455017	23170275.4	
4455018	Airbus Operations GmbH	24/04/2023	4455018	23169633.7	
	Airbus Operations Ltd.				
4455019	Airbus Operations GmbH	27/04/2023	4455019	23170281.2	
4455076	Johnson Matthey Davy Technologies Limited	25/04/2023	4455076	23169857.2	
4455372	Sec Carbon, Ltd.	13/10/2022	4455372	22910528.3	
	Commonwealth Scientific and Industrial Research Organisation				
4455490	BRIDGESTONE CORPORATION	17/10/2022	4455490	22910535.8	
4455592	Trane International Inc.	07/04/2022	4455592	24200757.3	
4455699	DENSO CORPORATION	12/12/2022	4455699	22910988.9	

4455887	Microsoft Technology Licensing, LLC	06/11/2020	4455887	24189559.8	
4455921	Honor Device Co., Ltd.	17/04/2023	4455921	23856087.4	
4456485	The Boeing Company	02/11/2020	4456485	24200901.7	
4456546	Honor Device Co., Ltd.	07/09/2023	4456546	23881481.8	
4457010	Technologies Avancees et Membranes Industrielles	26/12/2022	4457010	22847613.1	French
4457115	Ampere SAS	15/12/2022	4457115	22836165.5	French
4457171	Amazon Technologies, Inc.	06/12/2023	4457171	23841418.9	
4457178	Prayon	23/12/2022	4457178	22844135.8	French
4457433	VESTAS WIND SYSTEMS A/S	21/12/2022	4457433	22844454.3	
4457440	Hydac Technology GmbH	07/12/2022	4457440	22830840.9	German
4457501	Koninklijke Philips N.V.	20/12/2022	4457501	22839816.0	
4458109	Signify Holding B.V.	15/12/2022	4458109	22835804.0	
4458118	THALES Centre National de la Recherche Scientifique	30/12/2022	4458118	22840226.9	French
4458196	ZOLL Medical Corporation	21/11/2016	4458196	24201750.7	
4458627	Volvo Truck Corporation	05/05/2023	4458627	23171935.2	
4458676	The Boeing Company	30/04/2024	4458676	24173274.2	
4458680	Airbus Operations GmbH	05/05/2023	4458680	23171875.0	
4459076	Marand, Olivier	26/04/2024	4459076	24172628.0	French
4459218	MBDA Deutschland GmbH	25/03/2024	4459218	24165918.4	German
4459277	HYUNDAI MOTOR COMPANY Kia Corporation	10/10/2023	4459277	23202647.6	
4459363	Essilor International	02/05/2023	4459363	23315142.2	
4459411	IMV Corporation	21/10/2019	4459411	24201519.6	
4459590	DENSO CORPORATION	20/12/2022	4459590	22915826.6	
4459968	Honor Device Co., Ltd.	11/04/2023	4459968	23841815.6	
4460538	Sika Technology AG	22/12/2022	4460538	22843736.4	
4460635	Siam Compressor Industry Co., Ltd.	30/03/2023	4460635	23718848.7	
4460943	THALES DIS FRANCE SAS	06/12/2022	4460943	22830526.4	
4461095	Signify Holding B.V.	22/12/2022	4461095	22836301.6	
4461359	Nissui Corporation	11/05/2012	4461359	24203468.4	
4461569	Nokian Renkaat Oyj	30/04/2024	4461569	24173334.4	
4461853	Di.Vè S.p.A.	08/05/2024	4461853	24174888.8	
4462566	LG Energy Solution, Ltd.	12/09/2023	4462566	23907295.2	
4462933	Huawei Technologies Co., Ltd.	26/12/2022	4462933	22923613.8	
4463269	Helland, Thore	10/01/2023	4463269	23705696.5	
4463715	QUALCOMM INCORPORATED	20/12/2022	4463715	22850986.5	
4464327	Gricar Chemical S.r.l.	24/04/2024	4464327	24172251.1	
4464520	Powerway Industrial Co., Ltd.	10/08/2023	4464520	23190770.0	
4464613	Sidel Participations	22/04/2014	4464613	24177581.6	French
4464875	GE Vernova Technology GmbH	04/04/2024	4464875	24168467.9	
4464923	Radius Systems Limited	17/04/2024	4464923	24170866.8	
4465233	Angel Playing Cards Co., Ltd.	02/08/2016	4465233	24204734.8	
4465314	Yantai Zhenghai Magnetic Material Co., Ltd.	18/07/2023	4465314	23909125.9	
4465534	NXP B.V.	16/05/2023	4465534	23305777.7	
4465542	Fanttiset Oy	16/05/2024	4465542	24176299.6	
4465890	Koninklijke Philips N.V.	19/12/2022	4465890	22840094.1	
4466570	SNAP INC	06/01/2023	4466570	23700463.5	
4467433	Harley-Davidson Motor Company, Inc.	17/07/2023	4467433	23185871.3	
4467753	Machan International Co., Ltd.	19/02/2024	4467753	24158356.6	
4467958	Yokogawa Electric Corporation	23/05/2024	4467958	24177782.0	
4468239	Shandong Golden Empire Precision Machinery Technology Co., Ltd	06/07/2023	4468239	23772390.3	
4468283	Honor Device Co., Ltd.	13/04/2023	4468283	23834448.5	
4468514	Honor Device Co., Ltd.	08/12/2022	4468514	22934901.4	
4468658	Cisco Technology, Inc.	16/08/2021	4468658	24205648.9	
4469277	Dow Global Technologies LLC	25/01/2023	4469277	23706264.1	
4470001	Samsung Electronics Co., Ltd.	01/08/2023	4470001	23852860.8	
4472687	Siemens Aktiengesellschaft	14/03/2023	4472687	23713318.6	German

4473169	OC S.r.l.	31/01/2023	4473169	23706849.9	
4473919	Ceschin, Maurizio	06/06/2024	4473919	24180423.6	
4474001	CereGate GmbH	07/06/2023	4474001	23178090.9	
4474589	FELKO Bau-Systeme GmbH	26/02/2024	4474589	24159704.6	German
4474654	Pfeiffer Vacuum Technology AG	11/03/2024	4474654	24162769.4	German
4474744	Entropy Engines Limited	05/06/2024	4474744	24180321.2	
4475058	Mastercard International Incorporated	19/04/2017	4475058	24208506.6	
4475157	Microtest S.p.A.	03/06/2024	4475157	24179624.2	
4475551	Samsung Electronics Co., Ltd	13/08/2020	4475551	24206083.8	
4475640	Samsung Electronics Co., Ltd.	09/04/2024	4475640	24718695.0	
4476293	Sun Chemical B.V.	22/09/2023	4476293	23776941.9	
4477317	Sandvik SRP AB	12/06/2023	4477317	23178604.7	
4477384	Sidel Participations	23/05/2024	4477384	24177724.2	French
4477415	Amcort Flexibles North America, Inc.	22/12/2016	4477415	24207901.0	
4477548	PRATT & WHITNEY CANADA CORP.	14/06/2024	4477548	24182411.9	
4478245	The Boeing Company	25/03/2024	4478245	24165850.9	
4478924	La San Marco S.p.A.	17/02/2023	4478924	23711576.1	
4478925	La San Marco S.p.A.	17/02/2023	4478925	23711577.9	
4479120	APTAR France SAS	15/02/2023	4479120	23710074.8	French
4479243	I.M.A. Industria Macchine Automatiche S.p.A.	13/02/2023	4479243	23709751.4	
4480013	Epinovatech AB	15/02/2023	4480013	23704352.6	
4480788	Hyundai Mobis Co., Ltd.	09/11/2023	4480788	23208716.3	
4481359	Shandong Golden Empire Precision Machinery Technology Co., Ltd	06/07/2023	4481359	23786451.7	
4481528	TOYOTA JIDOSHA KABUSHIKI KAISHA	30/04/2024	4481528	24173375.7	
4481679	GE Vernova Technology GmbH	30/05/2024	4481679	24179011.2	
4481961	THALES	21/06/2024	4481961	24183765.7	French
4482086	CANON KABUSHIKI KAISHA	13/06/2024	4482086	24182105.7	
4483730	JT International SA	30/06/2023	4483730	23182838.5	
4484014	BlueCatBio GmbH	16/09/2022	4484014	24213729.7	German
4484199	DAF Trucks N.V.	23/05/2024	4484199	24177658.2	
4484382	ACWA Groupe	27/06/2024	4484382	24184861.3	French
4484454	IGM (ANQING) HIGH TECHNOLOGY DEVELOPMENT CO., LTD.	06/03/2023	4484454	23765930.5	
	Insight High Technology (Beijing) Co., Ltd.				
4484852	Nextracker LLC	11/06/2021	4484852	24213009.4	
4484877	Ustav materialov a mehaniky strojov Slovenskej akademie vied, verejna vyskumna institucia	29/06/2023	4484877	23182321.2	
4484881	RTX Corporation	28/06/2024	4484881	24185546.9	
4486170	Sabanci Üniversitesini	28/02/2023	4486170	23713457.2	
4486418	ASSISTANCE PUBLIQUE HOPITAUX DE PARIS	01/03/2023	4486418	23707736.7	French
4486474	Universal City Studios LLC	27/02/2023	4486474	23714132.0	
4486585	LUMIPROLINE FINLAND OY	03/03/2023	4486585	23719039.2	
4486622	ArcelorMittal	28/02/2022	4486622	22708608.9	
4486650	Safran Helicopter Engines	21/02/2023	4486650	23708532.9	French
4487192	Bear Robotics, Inc.	02/03/2023	4487192	23713254.3	
4487701	International Tobacco Machinery Poland Sp. z o.o.	04/07/2023	4487701	23183439.1	
4487740	Haohong Electric Technology (Hubei) Co., Ltd.	14/09/2023	4487740	23197490.8	
4487790	St. Jude Medical, Cardiology Division, Inc.	13/11/2012	4487790	24214889.8	
4487934	Donaldson Company, Inc.	07/07/2023	4487934	23184296.4	
4488573	SETEC S.p.A.	26/06/2024	4488573	24000082.8	
4488945	Viverse Limited	02/07/2024	4488945	24186029.5	
4489342	INTEL Corporation	26/03/2024	4489342	24166180.0	
4489948	INSOLENT	08/03/2023	4489948	23712093.6	French
4490022	Constin GmbH	02/03/2023	4490022	23721272.5	German

4490359	OLIVARIUS MANAGEMENT SERVICES AG	24/02/2023	4490359	23709778.7	French
4490405	SOFEC, Inc.	10/03/2023	4490405	23714982.8	
4490416	SEW-EURODRIVE GmbH & Co. KG	14/02/2023	4490416	23705979.5	German
4490454	Bechtel Energy Technologies & Solutions, Inc.	08/03/2022	4490454	22931183.2	
4490477	Fagus-GreCon Greten GmbH & Co. KG	06/03/2023	4490477	23709976.7	German
4490990	SOITEC	03/03/2023	4490990	23707978.5	French
4491209	Melticare AB	13/07/2023	4491209	23185330.0	
4491218	Hangzhou Ulike Technology Co., Ltd.	13/05/2024	4491218	24175535.4	
4491262	Cardoso Prata Dos Santos, Pedro Miguel	05/07/2022	4491262	22768931.2	
4491315	Dassault Aviation	04/07/2024	4491315	24186588.0	French
4491337	Illinois Tool Works Inc.	10/04/2024	4491337	24169566.7	
4491833	CBS Beton nv	12/07/2024	4491833	24188267.9	
4491973	Guangdong Carrier Heating, Ventilation And Air Conditioning Co., Ltd.	05/07/2024	4491973	24186959.3	
4492244	Samsung Electronics Co., Ltd.	21/03/2024	4492244	24165050.6	
4492277	Beijing Research Institute of Mechanical & Electrical Technology Co., Ltd. Cam	21/12/2023	4492277	23918048.2	
4492343	Nextmind SAS	06/11/2020	4492343	24216090.1	
4493854	ALFA LAVAL SWITZERLAND AG	01/03/2023	4493854	23709147.5	French
4495236	PARIS SCIENCES ET LETTRES Centre National de la Recherche Scientifique Institut Curie The President and Fellows of Harvard College HiFiBiO (HK) Limited Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris Institut National de la Santé et de la Recherche Médicale	19/12/2019	4495236	24195348.8	
4495324	Adam Hörnig Baugesellschaft mbH & Co. KG	21/07/2023	4495324	23186886.0	German
4495532	Hewitech GmbH & Co. KG	17/07/2024	4495532	24189187.8	German
4495784	Pure Storage, Inc.	18/07/2024	4495784	24189580.4	
4496295	Equifax Inc.	05/01/2018	4496295	24218852.2	
4496389	Fidelity Information Services, LLC				
4496389	Nokia Solutions and Networks Oy	11/07/2024	4496389	24188054.1	
4496641	Sartorius Stedim North America Inc.	21/03/2023	4496641	23717323.2	
4496692	SAFRAN	13/03/2023	4496692	23714790.5	French
4497317	Nanjing Chervon Industry Co., Ltd.	28/06/2024	4497317	24185273.0	
4497458	SHL Medical AG	23/03/2011	4497458	24209524.8	
4497511	Aero Pump GmbH	27/07/2023	4497511	23188139.2	German
4497900	Wenzhou Ruiji Hardware Products Co., Ltd.	26/07/2024	4497900	24191049.6	
4498840	TENRIT Foodtec Maschinenbau GmbH	28/03/2023	4498840	23717657.3	
4499158	Fueguia S.r.l.	21/03/2023	4499158	23717643.3	
4504467	UPM-Kymmene Corporation	13/03/2023	4504467	23712307.0	
4504553	3TI Energy Hubs Ltd	05/04/2023	4504553	23717509.6	
4504563	LISI Automotive KKP GmbH & Co.KG	05/04/2023	4504563	23717905.6	German
4504813	H. K. Wentworth Limited	04/04/2023	4504813	23718179.7	
4505042	Safran Aero Boosters	29/03/2023	4505042	23715135.2	French
4505109	Inrete Distribuzione Energia S.p.A. ISIF S.r.l.	01/04/2023	4505109	23718687.9	
4505989	Dongguan Lingding Technology Co., Ltd	29/08/2023	4505989	23194027.1	
4506747	Lim, Seong Kyu Lim, Jong Ho Lim, Jong Yoon Kim, Myeong Hee	08/04/2022	4506747	22936616.6	
4506825	Samsung Electronics Co., Ltd.	18/07/2024	4506825	24189410.4	

4507141	Commissariat à l'Energie Atomique et aux Energies Alternatives	02/08/2024	4507141	24192705.2	French
4507534	On Clouds GmbH	04/04/2023	4507534	23716872.9	
4508501	SEW-EURODRIVE GmbH & Co. KG	13/03/2023	4508501	23711049.9	German
4508812	Boost SubscriberCo L.L.C.	12/04/2023	4508812	23723292.1	
4508919	Koninklijke Philips N.V.	19/04/2023	4508919	23723032.1	
4509584	Infineum International Limited	18/07/2024	4509584	24189351.0	
4509773	MITSUBISHI ELECTRIC CORPORATION	18/05/2022	4509773	22942667.1	
4509907	Varitronix (Heyuan) Display Technology Ltd.	07/12/2023	4509907	23214888.2	
4510188	Avago Technologies International Sales Pte. Limited	26/07/2024	4510188	24191129.6	
4510886	L'OREAL SEB S.A.	19/04/2023	4510886	23720135.5	
4510894	Marel Further Processing B.V.	19/04/2023	4510894	23720124.9	
4511092	W.O.M. World of Medicine GmbH	19/04/2023	4511092	23721317.8	German
4511711	Willand (Beijing) Technology Co., Ltd.	22/08/2023	4511711	23856627.7	
4511796	Politecnico di Milano	17/04/2023	4511796	23722691.5	
4511821	Mitsubishi Electric Corporation	16/12/2022	4511821	22851044.2	
4512456	Hollister Incorporated	16/09/2015	4512456	24210343.0	
4513028	Tranf Technology (Xiamen) Co. Ltd	16/03/2023	4513028	23787466.4	
4513291	Rockwell Collins France S.A.S.	21/08/2023	4513291	23306401.3	
4514459	BIOTRONIK SE & Co. KG	18/04/2023	4514459	23717583.1	
4514484	DCMX SAS	27/04/2023	4514484	23724353.0	
4514711	Sealed Air Verpackungen GmbH	31/05/2023	4514711	23734817.2	
4515122	Sew-Eurodrive GmbH & Co. KG	13/04/2023	4515122	23720534.9	German
4515199	Epsilon Composite	27/04/2023	4515199	23722565.1	French
4516592	Faurecia Intérieur Industrie	27/08/2024	4516592	24196773.6	
4518568	Samsung Electronics Co., Ltd.	27/06/2023	4518568	23831864.6	
4518664	Poly-clip System GmbH & Co. KG	08/05/2023	4518664	23725663.1	
4518665	Poly-clip System GmbH & Co. KG	08/05/2023	4518665	23725978.3	
4518696	Philip Morris Products S.A.	04/05/2023	4518696	23725162.4	
4519668	Sartorius Stedim Chromatography Systems Ltd.	05/05/2023	4519668	23725613.6	
4520221	PPK (Shanghai) Packaging Co., Ltd.	29/03/2023	4520221	23881103.8	
4520455	NISSAN MOTOR CO., LTD.	02/05/2022	4520455	22940505.5	
4520600	Faurecia Interior Systems, LLC	11/09/2024	4520600	24199760.0	
4520896	RTE RESEAU DE TRANSPORT D'ELECTRICITE	08/09/2023	4520896	23306503.6	French
4520940	Hamilton Sundstrand Corporation	11/09/2024	4520940	24199852.5	
4521021	Fröling Heizkessel- und Behälterbau Ges.m.b.H.	08/09/2023	4521021	23196287.9	German
4521390	Sumitomo Riko Company Limited	24/04/2024	4521390	24797087.4	
4521439	Ormazabal Y Cia S.L.U.	20/04/2023	4521439	23724895.0	
4523107	Amazon Technologies, Inc.	03/05/2023	4523107	23727163.0	
4523443	Elisa Oyj	03/05/2023	4523443	23723223.6	
4524043	Becton Dickinson Rowa Germany GmbH	18/09/2023	4524043	23197872.7	German
4524364	Jiangsu Ruicheng Machinery Co., Ltd. Beijing Research Institute of Uranium Geology	04/08/2023	4524364	23772395.2	
4524398	DAIKIN INDUSTRIES, LTD.	18/05/2023	4524398	23845963.0	
4525760	Stryker European Operations Limited	16/05/2023	4525760	23735370.1	
4525806	Frestems Oy	15/05/2023	4525806	23725752.2	
4526106	VMI Holland B.V.	12/04/2023	4526106	23718363.7	
4527002	Visic Technologies Ltd.	30/06/2023	4527002	23742460.1	
4527227	Amer Sports Canada Inc.	20/09/2024	4527227	24201517.0	
4527300	Siemens Healthineers AG	22/09/2023	4527300	23199109.2	German
4527520	Hazelett Strip-Casting Corporation	20/09/2024	4527520	24201617.8	
4528907	Samsung SDI Co., Ltd.	25/06/2024	4528907	24184182.4	
4529226	Mirai Speaker Inc.	17/08/2019	4529226	25156375.5	

4529933	Humatrix Medical Technology (Suzhou) Co., Ltd.	05/06/2023	4529933	23845082.9	
4530056	FMB S.R.L.	27/09/2024	4530056	24203293.6	
4530866	THALES	27/09/2024	4530866	24203186.2	French
4531209	JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED	30/07/2024	4531209	24191897.8	
4531386	Honor Device Co., Ltd.	08/09/2023	4531386	23884458.3	
4532120	Graco Minnesota Inc.	25/05/2023	4532120	23733520.3	
4532155	Tajfun Planina Proizvodnja Strojev, D.o.o.	07/03/2023	4532155	23718862.8	
4532319	SAFRAN AIRCRAFT ENGINES	26/05/2023	4532319	23730850.7	French
4532671	Unilever Global IP Limited	02/06/2023	4532671	23730505.7	
4533126	Carbotch Technologies d.o.o.	02/06/2022	4533126	22733763.1	
4533407	Orglmeister, Albert	10/05/2023	4533407	23726043.5	German
4533784	Dimenco Holding B.V.	30/05/2023	4533784	23727898.1	
4534889	BJB GmbH & Co. KG	02/09/2024	4534889	24197879.0	German
4536598	HaskoningDHV Nederland B.V.	08/06/2023	4536598	23731649.2	
4536929	Kammermann Prozesstechnik GmbH	02/06/2023	4536929	23730351.6	German
4536960	VESTAS WIND SYSTEMS A/S	08/06/2023	4536960	23731089.1	
4537005	Robert Bosch GmbH	11/05/2023	4537005	23727459.2	German
4537517	Microsoft Technology Licensing, LLC	14/05/2023	4537517	23732706.9	
4538009	The Boeing Company	31/07/2024	4538009	24192064.4	
4539805	MUHU KODU OÜ	12/06/2023	4539805	23733880.1	
4539910	Tecnologie Meccaniche S.p.A.	14/06/2023	4539910	23739658.5	
4540346	SABIC Global Technologies B.V.	15/05/2023	4540346	23727292.7	
4540502	SAFRAN AIRCRAFT ENGINES	16/06/2023	4540502	23738827.7	French
4541440	WALLTOPIA AD	16/10/2023	4541440	23203893.5	
4541548	Ebica	15/10/2024	4541548	24206658.7	French
4541761	Hussaria Spółka z Ograniczona Odpowiedzialnoscia	14/10/2024	4541761	24460030.0	
4541989	Schulte-Schlagbaum Aktiengesellschaft	16/10/2024	4541989	24206915.1	German
4542397	SK hynix Inc.	04/09/2024	4542397	24198377.4	
4543258	Cosmogen SAS	22/06/2023	4543258	23744849.3	French
4543717	Decathlon	08/06/2023	4543717	23731648.4	French
4544167	Safran Nacelles	20/06/2023	4544167	23744522.6	French
4544210	Safran Aerosystems	15/06/2023	4544210	23736789.1	French
4544635	Sony Group Corporation	23/08/2023	4544635	23758649.0	
4545905	Tsinghua University	26/06/2024	4545905	24184597.3	
4547136	Koninklijke Philips N.V.	21/06/2023	4547136	23733975.9	
4547324	Pacesetter, Inc.	30/06/2023	4547324	23744562.2	
4548030	NUOVO PIGNONE TECNOLOGIE - S.R.L.	19/07/2023	4548030	23748214.6	
4548866	Changzhou Waston Medical Appliance Co., Ltd	08/04/2024	4548866	24168924.9	
4549315	Goodrich Actuation Systems SAS	06/11/2023	4549315	23306911.1	
4549661	Clover Equipment, LLC	16/10/2024	4549661	24207062.1	
4550858	Xiamen King Long United Automotive Industry Co., Ltd.	04/09/2024	4550858	24198442.6	
4550968	Commissariat à l'Energie Atomique et aux Energies Alternatives	04/11/2024	4550968	24210499.0	French
4552792	HEMA Maschinen- und Apparateschutz GmbH	09/11/2023	4552792	23208734.6	German
4554881	Solystic	04/07/2023	4554881	23739194.1	French
4554883	Solystic	06/07/2023	4554883	23740988.3	French
4555498	Simplisafe, Inc.	29/08/2023	4555498	23773142.7	
4555676	Arqit Limited	27/06/2023	4555676	23739325.1	
4556238	BROTHER KOGYO KABUSHIKI KAISHA	14/11/2023	4556238	23209642.0	
4556306	REIKON GmbH & Co. KG	04/11/2024	4556306	24210616.9	German
4558512	Uniwersytet Warszawski	19/07/2023	4558512	23765305.0	
4560146	Intercable Tools GmbH	22/11/2023	4560146	23211505.5	German
4561764	Tellux	25/07/2023	4561764	23748489.4	French
4563051	Suzhou Rongxuan Electric Co., Ltd	23/02/2024	4563051	24159340.9	

4564740	British Telecommunications public limited company	30/11/2023	4564740	23213342.1	
4565162	Arthrex, Inc.	25/07/2023	4565162	23755534.7	
4565809	Videndum Plc	01/08/2023	4565809	23754373.1	
4566439	Kverneland Group Kerteminde AS	05/12/2023	4566439	23214143.2	German
4567062	Continental Reifen Deutschland GmbH	05/12/2023	4567062	23214365.1	German
4568536	ATR Brands Limited	09/08/2023	4568536	23757677.2	
4568889	FACC AG	09/08/2023	4568889	23758223.4	German
4569509	Samsung Electronics Co., Ltd.	07/03/2024	4569509	24766609.2	
4570120	Shanghai Well-Sun Precision Tool Co., Ltd.	13/11/2023	4570120	23837531.5	
4570141	Versuni Holding B.V.	12/12/2023	4570141	23215845.1	
4570763	SCHOTT AG	12/12/2023	4570763	23215752.9	
4571002	ALAZZI	09/12/2024	4571002	24218263.2	French
4571102	VESTAS WIND SYSTEMS A/S	10/12/2024	4571102	24218549.4	
4571214	EGO IP B.V.	13/12/2023	4571214	23216458.2	
4574575	Consultant Plus GmbH	10/12/2024	4574575	24218728.4	German
4574710	Scapuccin, Michele	13/12/2024	4574710	24219976.8	
4575090	VOESTALPINE RAIL TECHNOLOGY GMBH	18/12/2023	4575090	23020558.5	German
4578234	Telefonaktiebolaget LM Ericsson (publ)	25/08/2023	4578234	23761529.9	
4580507	Koninklijke Philips N.V.	31/08/2023	4580507	23771777.2	
4580561	HOLLISTER INCORPORATED	13/08/2024	4580561	24765813.1	
4584014	Nouryon Chemicals International B.V.	19/11/2024	4584014	24808951.8	
4585064	Filtrona Pte. Ltd.	31/07/2013	4585064	25172334.2	
4585093	Jiangsu Hanvo Safety Product Co., Ltd.	29/03/2024	4585093	24167896.0	
4585574	Soffieria Bertolini S.p.A.	08/01/2025	4585574	25150673.9	
4585838	Flühs Drehtechnik GmbH	10/01/2024	4585838	24151243.3	German
4585898	DENSO CORPORATION	24/08/2022	4585898	25171276.6	
4586230	Tata Consultancy Services Limited	29/12/2024	4586230	24223582.8	
4586914	Koninklijke Philips N.V.	07/09/2023	4586914	23767883.4	
4588534	OBER ALP S.p.A.	11/12/2024	4588534	24219106.2	
4590108	Fujitsu Limited	11/12/2024	4590108	24219042.9	
4591828	Heinz Kurz GmbH	09/12/2024	4591828	24218402.6	German
4595805	Wang, Weiyin	19/08/2024	4595805	24195260.5	
4595884	Tata Consultancy Services Limited	29/01/2025	4595884	25154580.2	
4600980	SUMIDA CORPORATION	25/12/2023	4600980	23908695.2	
4601546	Koninklijke Philips N.V.	10/10/2023	4601546	23786264.4	
4601588	Otto Bock Healthcare Products GmbH	09/10/2023	4601588	23789282.3	German
4602320	Steambow GmbH	01/03/2024	4602320	24710590.1	German
4607154	Cohen, Yogev	30/01/2025	4607154	25155117.2	
4607733	ista SE	21/02/2024	4607733	24382181.6	
4611493	Siemens Aktiengesellschaft	29/02/2024	4611493	24160500.5	German
4611627	Koninklijke Philips N.V.	30/10/2023	4611627	23800352.9	
4613417	Benteler Automobiltechnik GmbH	06/03/2024	4613417	24161868.5	German
4614304	FUJIFILM Business Innovation Corp.	26/08/2024	4614304	24196366.9	
4614654	Samsung SDI Co., Ltd.	26/11/2024	4614654	24215282.5	
4615370	Arthrex, Inc	21/11/2024	4615370	24821694.7	
4615818	Evonik Operations GmbH	11/11/2024	4615818	24802247.7	
4617047	Daher Aerospace	15/01/2025	4617047	25152125.8	French
4617490	Nachi-Fujikoshi Corp.	05/03/2025	4617490	25161842.7	
4619176	Miramondi Impianti S.P.A.	09/11/2023	4619176	23805177.5	
4620295	Heron Innovations Factory GmbH	21/03/2024	4620295	24165209.8	German
4623480	Kautex Textron GmbH & Co. KG	13/12/2024	4623480	24833261.1	German
4623923	Repha GmbH Biologische Arzneimittel	28/03/2024	4623923	24167421.7	
4624713	ASSA ABLOY Sicherheitstechnik GmbH	05/03/2025	4624713	25161908.6	German
4625284	SICK AG	26/03/2024	4625284	24166193.3	German
4626688	Aerones Engineering, SIA	05/10/2023	4626688	23790416.4	
4634511	Voith Patent GmbH	11/12/2023	4634511	23828364.2	German
4636293	Krausz Industries Ltd.	10/04/2025	4636293	25169771.0	
4638874	Industrial Specialized Innovations Co.	04/06/2024	4638874	24735303.0	
4645070	OVH	29/08/2024	4645070	24306413.6	
4648921	Beckhoff Automation GmbH	28/02/2024	4648921	24708433.8	German

4651103	Aptiv Technologies AG	16/05/2024	4651103	24176296.2
4662779	Diodes Incorporated	20/05/2024	4662779	24732145.8
4673501	MCD Technologies S.a.r.l	16/05/2024	4673501	24727705.6

### Grants Published in EPO Bulletin No. 08/26, dated 2026-02-18

2102375	Sung, Jin Kyung	21/12/2007	2102375	07851702.6	
2415438	Curt G. Joa, Inc.	05/08/2011	2415438	11250709.0	
2561321	Oakley, Inc.	12/04/2011	2561321	11769469.5	
2697329	Carbon Technology Holdings, LLC	13/04/2012	2697329	12771330.3	
2717227	Nintendo Co., Ltd.	02/07/2013	2717227	13174670.3	
2859864	Protembis GmbH	14/10/2013	2859864	13188522.0	
2914172	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	01/11/2013	2914172	13852228.9	
2922328	ORANGE	19/03/2015	2922328	15159915.6	French
2927753	Konica Minolta, Inc.	25/02/2015	2927753	15156479.6	
3007590	Brodbeck, Stefan	12/06/2014	3007590	14744442.6	German
3009463	LG Chem, Ltd.	19/06/2014	3009463	14827129.9	
3027617	Ionis Pharmaceuticals, Inc. Board of Regents of the University of Texas System	31/07/2014	3027617	14832900.6	
3056892	Artium Technologies, Inc.	12/02/2016	3056892	16155403.5	
3116675	Linde GmbH	12/03/2015	3116675	15709618.1	German
3134710	HERE Global B.V.	20/04/2015	3134710	15724058.1	
3137603	Accudx Corporation	29/04/2015	3137603	15785451.4	
3146476	Composecure LLC	21/05/2015	3146476	15796355.4	
3151901	VentureMed Group, Inc.	03/06/2015	3151901	15802872.0	
3155115	Patheon Austria GmbH & Co KG	12/06/2015	3155115	15728854.9	
3160712	Compagnie Générale des Etablissements Michelin	30/06/2015	3160712	15732714.9	French
3177648	Sterling IP Limited	07/08/2015	3177648	15759527.3	
3190311	The Boeing Company	20/10/2016	3190311	16194812.0	
3195503	Texas Instruments Incorporated	23/07/2015	3195503	15825444.1	
3200718	Auris Health, Inc.	30/09/2015	3200718	15846312.5	
3203743	Samsung Electronics Co., Ltd.	02/11/2015	3203743	15855617.5	
3203924	Karl Storz SE & Co. KG	12/10/2015	3203924	15849537.4	
3229678	Universität Zürich University Of Fribourg	14/12/2015	3229678	15823140.7	
3253365	Santen Pharmaceutical Co., Ltd. Santen SAS	02/02/2016	3253365	16702437.1	
3255472	Hauff-Technik GRIDCOM GmbH	28/04/2017	3255472	17020180.0	German
3268778	Enchroma, Inc.	08/03/2016	3268778	16765436.7	
3277861	RTX Corporation	03/04/2015	3277861	15888031.0	
3281620	L'OREAL	30/09/2010	3281620	17187542.0	
3283157	Baylor College of Medicine	04/04/2016	3283157	16780458.2	
3304669	Hitachi Energy Ltd	28/05/2015	3304669	15724691.9	
3307246	Lonza Sales AG	26/05/2016	3307246	16728108.8	
3307815	NeoGraf Solutions, LLC	10/06/2016	3307815	16808470.5	
3312226	Schneider Electric Industries SAS	19/10/2017	3312226	17197324.1	French
3329914	Hisamitsu Pharmaceutical Co., Inc.	21/07/2016	3329914	16830426.9	
3344182	CENTRIX, INC.	31/08/2016	3344182	16842951.2	
3345626	Daicel Corporation	16/08/2016	3345626	16841487.8	
3347704	Procemex Oy	06/09/2016	3347704	16843726.7	
3349573	Regeneron Pharmaceuticals, Inc.	16/09/2016	3349573	16778528.6	
3353503	Endress+Hauser Flowtec AG	08/09/2016	3353503	16763767.7	German
3356810	Siemens Healthcare Diagnostics Inc.	29/09/2016	3356810	16852572.3	
3361936	Madorra Inc.	14/10/2016	3361936	16856307.0	
3363132	Intel Corporation	20/09/2016	3363132	16855924.3	
3369088	Iconex LLC	27/10/2016	3369088	16860833.9	
3372026	Sierra Wireless, Inc.	04/11/2016	3372026	16861160.6	
3374313	Micro Matic A/S	08/11/2016	3374313	16794580.7	
3376598	TE Connectivity Germany GmbH	16/03/2018	3376598	18162172.3	

3381134	Nokia Solutions and Networks Oy	23/11/2015	3381134	15816371.7	
3381667	Adeka Corporation	21/11/2016	3381667	16868498.3	
3387081	Feintool International Holding AG	01/12/2016	3387081	16816583.5	German
3387359	Raytheon Company	26/10/2016	3387359	16863192.7	
3388390	TMEIC Corporation	08/12/2015	3388390	15910192.2	
3388902	Siemens Aktiengesellschaft	10/04/2017	3388902	17165756.2	German
3394450	General Electric Company	19/12/2016	3394450	16823440.9	
3397787	Cidra Corporate Services LLC	28/12/2016	3397787	16882548.7	
3398533	Mallow Medical (Shanghai) Co., Ltd.	08/04/2016	3398533	16880339.3	
3401953	Commissariat à l'Energie Atomique et aux Energies Alternatives STMicroelectronics (Crolles 2) SAS	04/05/2018	3401953	18170907.2	French
3401960	BOE Technology Group Co., Ltd.	08/11/2016	3401960	16874091.8	
3405746	Zivid AS	19/01/2017	3405746	17700835.6	
3406781	Groz-Beckert KG	22/05/2017	3406781	17172134.3	German
3407314	Marcocype, S.L.	27/04/2016	3407314	16886180.5	
3413563	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	22/12/2016	3413563	16889440.0	
3421636	Rolls-Royce Corporation Rolls-Royce North American Technologies, Inc.	30/05/2018	3421636	18175070.4	
3423071	Lacerta Technologies Inc.	06/03/2017	3423071	17760980.7	
3423889	Essilor International	04/03/2016	3423889	16719126.1	
3427131	Savant Systems, Inc.	07/03/2017	3427131	17763912.7	
3427170	Accutar Biotechnology Inc.	18/05/2018	3427170	18768749.6	
3429477	Qurasense, Inc.	20/03/2017	3429477	17767708.5	
3435856	Medtronic, Inc.	06/03/2017	3435856	17711944.3	
3437442	At&S (China) Co., Ltd.	28/03/2017	3437442	17773404.3	
3439220	InterDigital Patent Holdings, Inc.	01/04/2011	3439220	18176811.0	
3449878	Suzhou Venmed Technology Co., Ltd.	11/07/2016	3449878	16900039.5	
3453200	Nokia of America Corporation	02/05/2017	3453200	17733637.7	
3453417	Terumo Kabushiki Kaisha	25/04/2017	3453417	17789538.0	
3455642	Rosemount Inc.	02/05/2017	3455642	17722963.0	
3456407	Ecolab USA Inc.	20/02/2013	3456407	18200024.0	
3460708	Matsunaga, Chikara	21/04/2017	3460708	17906500.8	
3461402	Biosense Webster (Israel) Ltd.	01/10/2018	3461402	18198039.2	
3463096	EDDA Technology, Inc.	06/06/2017	3463096	17810872.6	
3464717	Kadant Johnson LLC	26/05/2017	3464717	17728973.3	
3465432	Alibaba Group Holding Limited	02/06/2017	3465432	17807624.6	
3467614	Samsung Electronics Co., Ltd.	16/06/2017	3467614	17815656.8	
3469127	Fitesa Film Products LLC	09/06/2017	3469127	17811092.0	
3471307	QUALCOMM Incorporated	19/01/2015	3471307	18208027.5	
3472354	California Institute of Technology	15/06/2017	3472354	17814096.8	
3482458	Samsung Electronics Co., Ltd.	08/08/2017	3482458	17839771.7	
3485239	Endress+Hauser SE+Co. KG	26/06/2017	3485239	17735046.9	German
3485318	Saint-Gobain Sekurit France	12/05/2017	3485318	17722476.3	German
3487013	Iriso Electronics Co., Ltd.	12/11/2018	3487013	18205583.0	
3487975	Ecolab USA Inc.	19/07/2017	3487975	17746278.5	
3488018	President and Fellows of Harvard College	21/07/2017	3488018	17831924.0	
3489157	GRONINGER & CO. GMBH	05/10/2018	3489157	18198880.9	German
3490499	Cardiovalve Ltd.	01/08/2017	3490499	17751143.3	
3491246	Nuovo Pignone Technologie - S.r.l.	26/07/2017	3491246	17746446.8	
3491683	CPS Technology Holdings LLC	01/08/2017	3491683	17751552.5	
3492585	Ra, Jeong Chan	28/07/2017	3492585	17834820.7	
3492965	Essilor International	04/12/2017	3492965	17306702.6	
3495693	Valeo Systèmes d'Essuyage	06/12/2018	3495693	18210681.5	French
3500006	ZTE Corporation	25/07/2017	3500006	17838557.1	
3500283	Aurea Biolabs Private Limited	19/08/2017	3500283	17841194.8	
3503406	Thales	21/12/2018	3503406	18215529.1	French
3504568	NLIGHT, Inc.	24/08/2017	3504568	17764710.4	
3504897	Samsung Electronics Co., Ltd.	27/09/2017	3504897	17856718.6	

3505391	TOYOTA JIDOSHA KABUSHIKI KAISHA	12/12/2018	3505391	18211855.4	
3506972	Inspirx, Inc. The Research Foundation for The State University of New York	01/09/2017	3506972	17847609.9	
3507613	CPS Technology Holdings LLC Clarios Advanced Solutions GmbH	22/02/2017	3507613	17717914.0	
3507934	Workday, Inc.	31/08/2016	3507934	16915378.0	
3509604	Trustees of Tufts College	07/09/2017	3509604	17849528.9	
3513181	MSA Technology, LLC	01/09/2017	3513181	17765547.9	
3516295	Inter IKEA Systems B.V.	07/09/2017	3516295	17851179.6	
3516498	Altera Corporation	04/08/2017	3516498	17853599.3	
3516559	HeartFlow, Inc.	19/09/2017	3516559	17778039.2	
3519141	3SAE Technologies, Inc.	29/09/2017	3519141	17857487.7	
3520038	D5A1 LLC	18/09/2017	3520038	17857204.6	
3525169	FUJIFILM Corporation	27/09/2017	3525169	17858273.0	
3525473	Tencent Technology (Shenzhen) Company Limited	28/03/2018	3525473	18776100.2	
3525787	BCN Biosciences L.L.C.	15/10/2017	3525787	17859456.0	
3525842	Sanofi-Aventis Deutschland GmbH	04/10/2017	3525842	17777295.1	
3526937	Telefonaktiebolaget LM Ericsson (publ.)	23/12/2016	3526937	16826182.4	
3529752	Samsung Electronics Co., Ltd.	07/03/2018	3529752	18771838.2	
3530195	Canon Medical Systems Corporation	22/02/2019	3530195	19158854.0	
3534817	Intuitive Surgical Operations, Inc.	03/11/2017	3534817	17866484.3	
3537177	Elmos Semiconductor SE	30/08/2018	3537177	18191720.4	German
3537520	LG Energy Solution, Ltd.	26/04/2018	3537520	18802810.4	
3537613	AUMOVIO Germany GmbH	07/03/2018	3537613	18465506.6	
3538691	Spinnova Oyj	14/12/2017	3538691	17829217.3	
3539362	Catlam LLC	10/11/2017	3539362	17869539.1	
3541324	Cephea Valve Technologies, Inc.	28/07/2017	3541324	17749328.5	
3541881	3M Innovative Properties Company	16/11/2017	3541881	17871034.9	
3542142	Tissuevision, Inc.	17/11/2017	3542142	17817398.5	
3544726	Hepatochem, Inc.	21/11/2017	3544726	17873387.9	
3545288	TA INSTRUMENTS-WATERS L.L.C.	20/11/2017	3545288	17812069.7	
3547975	Escala Medical Ltd.	29/11/2017	3547975	17877356.0	
3548712	General Electric Company	20/11/2017	3548712	17879045.7	
3550684	Telsonic Holding AG	06/04/2018	3550684	18166038.2	German
3550854	Alpine Electronics, Inc.	02/04/2019	3550854	19166804.5	
3550990	PURAC Biochem BV	06/12/2017	3550990	17817928.9	
3559212	Insphero AG	27/12/2017	3559212	17832244.2	
3559810	Thales INRIA - Institut National de Recherche en Informatique et en Automatique SORBONNE UNIVERSITE	26/12/2017	3559810	17825258.1	French
3560931	Japan Tobacco Inc.	20/12/2017	3560931	17883651.6	
3562436	BVW Invest AG	30/12/2017	3562436	17835922.0	
3562785	Maytronics Ltd.	29/12/2017	3562785	17887982.1	
3563438	Microsoft Technology Licensing, LLC	22/12/2017	3563438	17829879.0	
3564534	Edwards Japan Limited	08/12/2017	3564534	17888020.9	
3565781	Board of Trustees of the University of Arkansas	21/12/2017	3565781	17882960.2	
3567345	Volkswagen AG MAN Truck & Bus SE Scania CV AB	08/05/2018	3567345	18171322.3	
3567462	Tangi0 Limited	13/05/2019	3567462	19174249.3	
3567817	Panasonic Intellectual Property Corporation of America	05/10/2017	3567817	17890629.3	
3570013	Ecolab USA Inc.	01/10/2018	3570013	19182688.2	
3570864	Protagonist Therapeutics, Inc.	18/01/2018	3570864	18741939.5	
3574767	Asahi Group Holdings, Ltd. Asahi Breweries, Ltd.	06/11/2017	3574767	17894178.7	
3583405	Yoran Imaging Ltd.	01/02/2018	3583405	18753602.4	

3583407	The Regents of the University of California	19/02/2018	3583407	18708299.5	
3585348	DoseCall, LLC	22/02/2018	3585348	18709231.7	
3590102	Honeywell International Inc.	27/02/2018	3590102	18713744.3	
3592271	Minnetronix Inc.	08/03/2018	3592271	18764674.0	
3592329	SUSONITY Commercial GmbH	05/03/2018	3592329	18708416.5	
3592809	Syensqo Specialty Polymers USA, LLC	05/03/2018	3592809	18711250.3	
3593355	Washington University Oregon Health & Science University	08/03/2018	3593355	18764375.4	
3595068	Murata Manufacturing Co., Ltd.	16/10/2017	3595068	17899347.3	
3595598	W. L. Gore & Associates, Inc.	16/03/2018	3595598	18716417.3	
3596445	Materials Center Leoben Forschung GmbH	13/03/2018	3596445	18714424.1	German
3596683	Visa International Service Association	16/03/2018	3596683	18767466.8	
3598952	Relievent Medsystems, Inc.	01/11/2013	3598952	19162385.9	
3599279	Danisco US Inc.	09/12/2010	3599279	19177621.0	
3599835	Mars, Incorporated	29/03/2018	3599835	18718357.9	
3600027	Neurodiagnostics LLC	29/03/2018	3600027	18774536.9	
3600189	Ethicon, Inc.	16/03/2018	3600189	18715430.7	
3600609	UOP LLC	26/03/2018	3600609	18776726.4	
3602023	Yokogawa Process Analyzers Europe B.V.	19/03/2018	3602023	18716000.7	
3602377	McAfee, LLC	22/02/2018	3602377	18710204.1	
3607000	bio-tec Biologische Naturverpackungen GmbH & Co. KG	26/03/2018	3607000	18713655.1	German
3608785	PiRo Systems Engineering GmbH	09/08/2018	3608785	18188326.5	
3609914	The General Hospital Corporation	16/04/2018	3609914	18784599.5	
3611090	SRAM Deutschland GmbH	18/07/2014	3611090	19199429.2	German
3613457	CONVATEC, INC.	09/08/2019	3613457	19191071.0	
3614179	STMicroelectronics S.r.l.	19/08/2019	3614179	19192231.9	
3615024	Alto Neuroscience, Inc.	23/04/2018	3615024	18790791.0	
3616323	HIRSCHMANN CAR COMMUNICATION GMBH	17/04/2018	3616323	18718153.2	German
3616550	Samsung Electronics Co., Ltd.	25/07/2019	3616550	19188453.5	
3617122	Otis Elevator Company	25/07/2019	3617122	19188456.8	
3617235	Ajinomoto Co., Inc.	27/04/2018	3617235	18791007.0	
3617312	Hoyu Co., Ltd.	01/05/2018	3617312	18792322.2	
3617656	Atlantic Inertial Systems Limited	22/08/2019	3617656	19193154.2	
3617691	Sony Group Corporation	16/03/2018	3617691	18790818.1	
3617845	Sony Interactive Entertainment Inc.	27/04/2017	3617845	17906974.5	
3618896	Phi-Tech Animal Health Technologies Ltd.	28/04/2018	3618896	18794760.1	
3618905	SHL Medical AG	30/04/2018	3618905	18721373.1	
3619360	Kortmann, Karl	03/05/2018	3619360	18725771.2	German
3622820	Genzyme Corporation	10/08/2010	3622820	19186507.0	
3622981	Boston Scientific Scimed, Inc.	07/04/2016	3622981	19189904.6	
3623127	Oertli Werkzeuge AG	14/04/2015	3623127	19206429.3	German
3624558	NXP USA, Inc.	09/09/2019	3624558	19196231.5	
3624634	SharkNinja Operating LLC	15/05/2018	3624634	18801836.0	
3624885	Trudell Medical International Inc.	18/05/2018	3624885	18801926.9	
3625741	Sita Information Networking Computing USA, Inc.	18/05/2018	3625741	18733940.3	
3626198	Hamamatsu Photonics K.K.	15/05/2018	3626198	18803057.1	
3626734	Shenzhen Institutes of Advanced Technology	16/03/2017	3626734	17901101.0	
3627201	Ofs Fitel Llc, A Delaware Limited Liability Company	20/08/2019	3627201	19192529.6	
3629399	TE Connectivity Germany GmbH	25/09/2019	3629399	19199478.9	
3631045	Fujifilm Electronic Materials U.S.A., Inc.	21/05/2018	3631045	18805643.6	
3631214	Acutronic Schweiz AG	29/05/2018	3631214	18728127.4	German
3633320	Pioneer Corporation	28/05/2018	3633320	18809569.9	
3636193	Hamamatsu Photonics K.K.	15/05/2018	3636193	18802155.4	
3636573	Otis Elevator Company	12/09/2019	3636573	19196950.0	

3637038	Zibrov, Sergii Pavlovych Sharkov, Oleksii Oleksandrovych Makarov, Hlib Georgiiiovych Makarov, Georgii Georgiiiovych Trypolskyi, Kostiantyn Okrevych Babenko, Serhii Anatoliiiovych	06/06/2017	3637038	17909806.6	
3638110	Maritime Medical Applications B.V.	13/06/2018	3638110	18818101.0	
3639001	Saint-Gobain ADFORS Canada, Ltd. University of Massachusetts	14/06/2018	3639001	18818418.8	
3639154	Tencent Technology (Shenzhen) Company Limited	15/06/2017	3639154	17913435.8	
3641524	Techtronic Outdoor Products Technology Limited	22/06/2018	3641524	18820141.2	
3641762	C4 Therapeutics, Inc.	20/06/2018	3641762	18821251.8	
3644252	Samsung SDS Co., Ltd.	23/10/2019	3644252	19204796.7	
3644745	The Coca-Cola Company	27/06/2018	3644745	18824164.0	
3645038	Precision Biosciences, Inc.	27/06/2018	3645038	18749901.7	
3645804	Sika Technology AG	03/05/2018	3645804	18721389.7	
3647694	Daikin Industries, Ltd.	20/07/2018	3647694	18834578.9	
3649087	Suez International	04/07/2017	3649087	17797982.0	
3649256	Shanghai Yao Yuan Biotechnology Co., Ltd.	04/07/2018	3649256	18829005.0	
3649626	Giesecke+Devrient Currency Technology GmbH	29/06/2018	3649626	18738194.2	German
3650535	SATAKE MultiMix Corporation Kyoto University Megakaryon Corporation	05/07/2018	3650535	18828313.9	
3652939	Google LLC	16/03/2018	3652939	18714945.5	
3652997	Qualcomm Incorporated	29/06/2018	3652997	18746360.9	
3653811	Bestway Inflatables & Material Corp.	06/11/2019	3653811	19207414.4	
3657268	Blancpain SA	22/11/2018	3657268	18207832.9	French
3657379	Connaught Electronics Ltd.	26/11/2018	3657379	18208206.5	
3658640	Coroplast Fritz Müller GmbH & Co. KG	27/07/2017	3658640	17745183.8	German
3660111	FUJIFILM Corporation	05/06/2018	3660111	18837913.5	
3660128	Merck Patent GmbH	19/11/2015	3660128	19217447.2	German
3661645	The Regents of the University of California ExxonMobil Technology and Engineering Company	25/07/2018	3661645	18752966.4	
3661653	CyFract UG (haftungsbeschränkt)	03/08/2018	3661653	18758550.0	German
3663871	The Swatch Group Research and Development Ltd	06/12/2018	3663871	18210867.0	
3663977	Thinkware Corporation	06/12/2019	3663977	19214016.8	
3663992	Aising Ltd.	24/07/2018	3663992	18815931.3	
3664142	BOE Technology Group Co., Ltd.	26/07/2018	3664142	18840972.6	
3666370	LG Chem, Ltd.	09/08/2018	3666370	18871269.9	
3667844	Eaton Intelligent Power Limited	12/12/2019	3667844	19215853.3	
3668487	The Regents of the University of California	14/08/2018	3668487	18847365.6	
3668567	Amgen Inc.	31/07/2018	3668567	18755372.2	
3671650	Imagination Technologies Limited	20/12/2019	3671650	19219063.5	
3675084	Tencent Technology (Shenzhen) Company Limited	21/05/2018	3675084	18848064.4	
3675458	ZTE Corporation	11/04/2018	3675458	18849175.7	
3676638	Focal Point Positioning Limited	25/09/2018	3676638	18779006.8	
3676799	Auris Health, Inc.	21/09/2018	3676799	18865595.5	
3677123	Paellasurfoods, S.L.	30/08/2018	3677123	18851463.2	
3677692	10X Genomics, Inc.	13/04/2012	3677692	19204655.5	
3678787	Husqvarna AB	05/09/2018	3678787	18854589.1	
3679521	Google LLC	14/08/2019	3679521	19766378.4	
3679883	Intuitive Surgical Operations, Inc.	13/05/2016	3679883	20159149.2	
3680325	Megakaryon Corporation	19/09/2018	3680325	18859680.3	
3681283	GOJO Industries, Inc.	17/09/2018	3681283	18780008.1	
3681946	Univation Technologies, LLC	06/09/2018	3681946	18778725.4	

3682189	International Electronic Machines Corp.	14/09/2018	3682189	18855608.8	
3684241	Novuson Surgical, Inc.	14/09/2018	3684241	18856236.7	
3684525	Safran	21/09/2018	3684525	18786843.5	French
3685661	PORMEDTEC CO., LTD.	18/09/2018	3685661	18858805.7	
3685785	Stryker European Operations Limited	22/01/2019	3685785	19153075.7	
3687756	3M Innovative Properties Company	17/09/2018	3687756	18782802.5	
3691164	Godo Kaisha IP Bridge 1	22/08/2018	3691164	18861119.8	
3691555	Intuitive Surgical Operations, Inc.	02/10/2018	3691555	18865163.2	
3692378	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	02/10/2018	3692378	18812331.9	
3692513	INTERBLOCK d.o.o.	05/10/2018	3692513	18864284.7	
3692666	Qualcomm Incorporated	02/10/2018	3692666	18793099.5	
3694629	W.M. Barr & Company Inc.	12/10/2018	3694629	18865820.7	
3694723	Hewlett-Packard Development Company, L.P.	13/10/2017	3694723	17928657.0	
3696526	Eltek S.p.A.	17/06/2009	3696526	20162541.5	
3697509	Valve Corporation	05/12/2018	3697509	18886397.1	
3697660	thyssenkrupp Presta AG thyssenkrupp AG	15/10/2018	3697660	18788743.5	German
3698121	Imprintec GmbH	16/10/2018	3698121	18789110.6	German
3698580	QUALCOMM Incorporated	17/10/2018	3698580	18799629.3	
3698591	Sensus Spectrum, LLC	16/10/2018	3698591	18797348.2	
3698746	Gyrus ACMI, Inc. D.B.A. Olympus Surgical Technologies America	21/02/2020	3698746	20158849.8	
3700363	British American Tobacco (Investments) Ltd	27/09/2018	3700363	18782150.9	
3700434	University of Maryland, Baltimore Harpoon Medical, Inc.	22/10/2018	3700434	18801117.5	
3702322	Sonion Nederland B.V.	22/12/2017	3702322	20164833.4	
3702811	Airbus Defence and Space GmbH	26/02/2019	3702811	19159479.5	German
3703346	Samsung Electronics Co., Ltd.	19/08/2019	3703346	19851152.9	
3703794	SANOFI	30/10/2018	3703794	18795598.4	
3704795	Cisco Technology, Inc.	26/10/2018	3704795	18808146.7	
3705457	ACO Ahlmann SE & Co. KG	04/03/2020	3705457	20160922.9	German
3705610	Toray Industries, Inc.	16/10/2018	3705610	18874618.4	
3705728	Lear Corporation	02/07/2018	3705728	20163060.5	German
3706136	Novartis AG	05/03/2019	3706136	19305253.7	
3708122	Edwards Lifesciences Corporation	30/08/2013	3708122	20168585.6	
3711046	Promptu Systems Corporation	13/11/2018	3711046	18877072.1	
3711449	QUALCOMM Incorporated	26/10/2018	3711449	18803512.5	
3711658	Gravitas Medical Inc.	13/06/2012	3711658	20161552.3	
3712935	JFE Precision Corporation	16/11/2018	3712935	18877774.2	
3713492	RWTH Aachen	23/11/2018	3713492	18811761.8	German
3713725	Gerber Technology LLC	21/11/2018	3713725	18815908.1	
3714577	Mako Networks, Inc.	20/11/2018	3714577	18878228.8	
3714736	Supergrid GmbH	24/03/2020	3714736	20165308.6	German
3715838	Nuctech Company Limited	09/08/2018	3715838	18880242.5	
3716787	Purac Biochem B.V.	30/11/2018	3716787	18839913.3	
3719042	Idemitsu Kosan Co.,Ltd.	29/11/2018	3719042	18884715.6	
3719324	Gree Green Refrigeration Technology Center Co., Ltd. of Zhuhai	05/06/2018	3719324	18884749.5	
3719948	General Electric Renovables España, S.L.	19/03/2020	3719948	20164284.0	
3720100	ZTE Corporation	27/12/2018	3720100	18894658.6	
3721187	Nokia Technologies Oy	29/11/2018	3721187	18887167.7	
3721613	InterDigital CE Patent Holdings, SAS	29/11/2018	3721613	18807370.4	
3722858	Swarovski-Optik AG & Co KG.	21/07/2017	3722858	20175046.0	German
3722956	Omron Corporation	21/11/2018	3722956	18886431.8	
3724704	3M Innovative Properties Company	12/12/2018	3724704	18888416.7	
3724837	Microsoft Technology Licensing, LLC	23/11/2018	3724837	18829541.4	
3726326	NIO (Anhui) Holding Co., Ltd.	13/12/2018	3726326	18887242.8	
3727022	MARS, INCORPORATED	20/12/2018	3727022	18836905.2	
3727180	Koninklijke Philips N.V.	19/12/2018	3727180	18827051.6	

3727435	CARNEGIE MELLON UNIVERSITY	21/12/2018	3727435	18891243.0	
3728457	Braskem America, Inc.	21/12/2018	3728457	18837057.1	
3729164	S-Lux GmbH	10/09/2018	3729164	18782795.1	
3733080	Ethicon LLC	29/04/2020	3733080	20172165.1	
3734476	ALIBABA GROUP HOLDING LIMITED	25/12/2018	3734476	18895044.8	
3734780	FURUKAWA ELECTRIC CO., LTD. Furukawa Automotive Systems Inc.	27/12/2018	3734780	18894695.8	
3735375	Nexans Norway AS	19/02/2019	3735375	19713544.5	
3735593	Velodyne Lidar USA, Inc.	01/02/2019	3735593	19754172.5	
3737458	Stimaire, Inc.	14/01/2019	3737458	19738649.3	
3737471	M et P Pharma AG	10/01/2019	3737471	19704874.7	
3737619	V-Shapes S.r.l.	13/08/2018	3737619	18796503.3	
3738652	Elevate Textiles, Inc.	18/05/2020	3738652	20175195.5	
3739513	FUJITSU LIMITED	13/05/2019	3739513	19174221.2	
3740140	MEDSCOPE BIOTECH CO., LTD.	09/11/2017	3740140	17933184.8	
3740530	ARKEMA FRANCE	14/01/2019	3740530	19703174.3	French
3744368	LTS Device Technologies Ltd	03/10/2019	3744368	20187553.1	
3744371	Amgen Inc.	11/10/2012	3744371	20187706.5	
3745113	CKD Corporation	07/09/2018	3745113	18902271.8	
3745560	Gree Electric Appliances, Inc. of Zhuhai	07/12/2018	3745560	18910072.0	
3745981	CMR Surgical Limited	29/01/2019	3745981	19704389.6	
3746214	Runway Blue, LLC	29/03/2019	3746214	19737927.4	
3746370	Keter Home and Garden Products Ltd. Milwaukee Electric Tool Corporation	31/01/2019	3746370	19706320.9	
3746983	Google LLC	11/04/2019	3746983	19720262.5	
3747421	Fresenius Kabi Deutschland GmbH	06/06/2019	3747421	19178711.8	German
3748309	FOCUS-ON V.O.F.	07/06/2019	3748309	19179102.9	German
3748511	NXP B.V.	01/06/2020	3748511	20177663.0	
3751078	WFE Technology Corp.	13/06/2019	3751078	19180072.1	
3751374	Honeywell International Inc.	03/06/2020	3751374	20178141.6	
3752873	Apple Inc.	13/02/2019	3752873	19708719.0	
3754466	THE CALANY Holding S.à.r.l.	18/06/2020	3754466	20180805.2	
3754467	THE CALANY Holding S.à.r.l.	18/06/2020	3754467	20180856.5	
3754760	LG Energy Solution, Ltd.	31/10/2019	3754760	19879111.3	
3754984	Qualcomm Incorporated	08/07/2011	3754984	20189936.6	
3756315	HUAWEI TECHNOLOGIES CO., LTD.	27/02/2019	3756315	19710898.8	
3756395	Telefonaktiebolaget LM Ericsson (publ)	23/02/2018	3756395	18906780.4	
3756497	Elbit Systems of America, LLC	24/06/2020	3756497	20181910.9	
3757015	Hamilton Sundstrand Corporation	28/11/2019	3757015	19212073.1	
3757157	tesa SE	17/06/2020	3757157	20180557.9	
3757183	tesa SE	05/06/2020	3757183	20178421.2	German
3758098	LG Energy Solution, Ltd.	15/10/2019	3758098	19873161.4	
3760855	VALEO TERMICO, S.A.	01/07/2019	3760855	19382559.3	
3760921	Searchmaster ApS	05/07/2019	3760921	19184704.5	
3761183	STMicroelectronics Application GmbH STMicroelectronics International N.V.	02/07/2020	3761183	20183631.9	
3761405	LG Energy Solution, Ltd.	31/10/2019	3761405	19880365.2	
3761422	Kolon Industries, Inc.	26/02/2019	3761422	19761633.7	
3761445	Samsung Electronics Co., Ltd.	30/06/2015	3761445	20180278.2	
3763516	Nippi Corporation	30/11/2018	3763516	18909199.4	
3764647	Google LLC	25/06/2020	3764647	20182393.7	
3764746	ERCO GmbH	15/04/2020	3764746	20169654.9	German
3766293	Samsung Electronics Co., Ltd.	17/04/2019	3766293	19788500.7	
3767125	Goodrich Corporation	12/12/2019	3767125	19215544.8	
3767528	UiPath, Inc.	17/07/2020	3767528	20186417.0	
3767531	Becton Dickinson Rowa Germany GmbH	19/07/2019	3767531	19187163.1	German
3767752	Rosenberger Hochfrequenztechnik GmbH & Co. KG	18/07/2019	3767752	19186890.0	German
3767936	Ningbo Sunny Opotech Co., Ltd.	12/04/2019	3767936	19788242.6	
3768271	Intra-Cellular Therapies, Inc.	22/03/2019	3768271	19771617.8	
3769009	LuDela Technologies LLC	21/03/2019	3769009	19772341.4	
3769082	Sanofi Pasteur Limited	19/03/2019	3769082	19771535.2	

3769259	General Electric Company	20/03/2019	3769259	19715655.7	
3769428	Microsoft Technology Licensing, LLC	23/04/2019	3769428	19727534.0	
3769470	Nokia Technologies Oy	21/03/2018	3769470	18910342.7	
3770641	FUJIFILM Corporation	08/03/2019	3770641	19771992.5	
3771097	YAMAHA CORPORATION	07/03/2019	3771097	19770817.5	
3772662	Nokia Technologies OY	09/08/2019	3772662	19190962.1	
3772905	Cibus US LLC	04/04/2019	3772905	19782430.3	
	Cibus Europe B.V.				
3772965	Il Granaio delle Idee Srl	03/05/2018	3772965	18728234.8	
3773782	Midwest Training and Development Services, LLC	17/04/2019	3773782	19802562.9	
3777892	Shanghai WD Pharmaceutical Co., Ltd	27/11/2018	3777892	18913737.5	
3778061	Toyo Seikan Group Holdings, Ltd.	14/03/2019	3778061	19775966.5	
3778799	FUJIFILM Corporation	29/03/2019	3778799	19778349.1	
3778842	ENEOS CORPORATION	02/04/2019	3778842	19780637.5	
3779010	The Boeing Company	19/06/2020	3779010	20181247.6	
3780725	NTT DOCOMO, INC.	29/03/2018	3780725	18911915.9	
3782454	CLAAS Selbstfahrende Erntemaschinen GmbH	19/05/2020	3782454	20175334.0	German
3782629	ADEKA CORPORATION	19/02/2016	3782629	20196017.6	
3783749	Asterisk, Inc.	09/04/2019	3783749	19784725.4	
3784745	DDP Specialty Electronic Materials US, LLC	12/03/2019	3784745	19713633.6	
3785350	Siemens Aktiengesellschaft	20/03/2019	3785350	19712973.7	German
3785494	MKS Instruments, Inc.	12/06/2019	3785494	19818618.1	
3787701	Merz Dental GmbH	03/05/2019	3787701	19723342.2	German
3787878	Stratasys, Inc.	03/05/2019	3787878	19742993.9	
3787934	OPmobility SE	29/04/2019	3787934	19722826.5	French
3789129	KRONES AG	28/05/2020	3789129	20177168.0	German
3789175	LEONARDO S.p.A.	03/09/2020	3789175	20194334.7	
3789591	RTX Corporation	26/08/2020	3789591	20192959.3	
3789692	Mahle International GmbH	04/09/2019	3789692	19195306.6	
3789892	Samsung Electronics Co., Ltd.	24/07/2020	3789892	20187569.7	
3791304	Lattice Semiconductor Corporation	10/05/2019	3791304	19799077.3	
3791307	Lattice Semiconductor Corporation	10/05/2019	3791307	19800359.2	
3792147	JTEKT CORPORATION	02/09/2020	3792147	20194069.9	
3792486	Siemens Gamesa Renewable Energy A/S	16/09/2019	3792486	19197475.7	
3793189	CANON KABUSHIKI KAISHA	19/04/2019	3793189	19799104.5	
3793464	Bard Access Systems, Inc.	02/05/2019	3793464	19803191.6	
3794674	Nokia Shanghai Bell Co., Ltd.	29/06/2018	3794674	18743351.1	
3794692	IPG Photonics Corporation	28/06/2019	3794692	19826333.7	
3796194	Samsung Electronics Co., Ltd.	18/07/2019	3796194	19839950.3	
3796484	Matrixed Reality Technology Co., Ltd.	04/06/2020	3796484	20821095.5	
3796643	CANON KABUSHIKI KAISHA	18/09/2020	3796643	20196846.8	
3797550	Nokia Technologies Oy	21/05/2018	3797550	18920156.9	
3797770	Aragon Pharmaceuticals, Inc.	09/01/2014	3797770	20191085.8	
3798031	CLAAS Tractor S.A.S.	20/07/2020	3798031	20186669.6	German
3798540	CASTEL MAC S.R.L.	31/07/2020	3798540	20188850.0	
3799680	Nokia Technologies OY	30/04/2019	3799680	19926790.7	
3799862	TARIS Biomedical LLC	20/05/2013	3799862	20208429.9	
3799908	Kenvue Brands LLC	28/10/2016	3799908	20211108.4	
3800055	SCREEN Holdings Co., Ltd.	22/09/2020	3800055	20197356.7	
3801534	PTC Therapeutics MP, Inc.	30/05/2019	3801534	19810058.8	
3801663	The Medical Research, Infrastructure and Health Services Fund of the Tel Aviv Medical Center TEL HASHOMER MEDICAL RESEARCH INFRASTRUCTURE AND SERVICES LTD.	06/06/2019	3801663	19814152.5	
3801688	SHL Medical AG	28/05/2019	3801688	19726696.8	German
3801700	Janssen Pharmaceuticals, Inc.	29/05/2018	3801700	18731717.7	
3802662	The Procter & Gamble Company	30/05/2019	3802662	19731473.5	

3803315	Conseil et Technique	04/06/2019	3803315	19731798.5	French
3803363	Khalifa University of Science and Technology	03/06/2019	3803363	19816155.6	
3804475	Phoenix LLC	04/06/2019	3804475	19816015.2	
3804790	TERUMO Kabushiki Kaisha	30/05/2019	3804790	19854195.5	
3805098	The Boeing Company	02/09/2020	3805098	20194098.8	
3805842	Matrixed Reality Technology Co., Ltd.	27/05/2019	3805842	19810778.1	
3806392	HUAWEI TECHNOLOGIES CO., LTD.	03/06/2019	3806392	19821914.9	
3806758	Auris Health, Inc.	27/06/2019	3806758	19849430.4	
3808060	ORANGE	28/05/2019	3808060	19737834.2	French
3809415	Samsung Electronics Co., Ltd.	30/06/2020	3809415	20183255.7	
3809674	IPLA Holdings Inc.	29/09/2017	3809674	20207297.1	
3811119	Geoquest Systems B.V.	07/06/2019	3811119	19820565.0	
3811438	Shanghai Energy New Materials Technology Co., Ltd.	24/06/2019	3811438	19822156.6	
3811567	Robert Bosch GmbH	03/05/2019	3811567	19723726.6	German
3813019	Sony Interactive Entertainment Inc.	14/10/2020	3813019	20201820.6	
3813156	LG Energy Solution, Ltd.	18/11/2019	3813156	19887865.4	
3813662	MCG Motion Capture GmbH	28/06/2019	3813662	19734778.4	German
3813777	L'OREAL	19/06/2019	3813777	19732969.1	
3814621	Husqvarna AB	30/04/2019	3814621	19800426.9	
3814811	Applied Materials, Inc.	17/05/2019	3814811	19829802.8	
3814885	Microsoft Technology Licensing, LLC	17/06/2019	3814885	19737939.9	
3815043	Baidu.com Times Technology (Beijing) Co., Ltd. Baidu USA LLC	29/06/2018	3815043	18924550.9	
3815239	Valeo Systèmes d'Essuyage	27/06/2019	3815239	19732705.9	French
3815261	Viasat, Inc.	31/07/2019	3815261	19752853.2	
3816390	fischerwerke GmbH & Co. KG	05/10/2020	3816390	20199981.0	German
3816466	RTX Corporation	04/11/2020	3816466	20205672.7	
3816622	Thermo Fisher Scientific (Bremen) GmbH	29/10/2020	3816622	20204558.9	
3816688	The Boeing Company	11/08/2020	3816688	20190404.2	
3817170	Hamilton Sundstrand Corporation	02/11/2020	3817170	20205249.4	
3817342	Citizen Watch Co., Ltd.	16/04/2019	3817342	19825258.7	
3818034	Badger Licensing LLC	06/07/2018	3818034	18746403.7	
3818475	TexTrace AG	12/06/2019	3818475	19730337.3	German
3819161	Samsung SDI Co., Ltd.	11/11/2019	3819161	19208219.6	
3821085	EJ EMEA	02/07/2019	3821085	19752732.8	French
3821313	TerraClear Inc.	12/07/2019	3821313	19834793.2	
3821498	Nokia Technologies Oy	13/07/2018	3821498	18746851.7	
3822299	SK Chemicals Co., Ltd.	02/07/2019	3822299	19834720.5	
3822708	Patek Philippe SA Genève	19/08/2020	3822708	20191752.3	French
3822889	KABUSHIKI KAISHA TOSHIBA	03/09/2019	3822889	19856925.3	
3824336	Apple Inc.	11/09/2019	3824336	19778715.3	
3824381	Micron Technology, Inc.	18/07/2019	3824381	19837962.0	
3824418	Soham Inc.	20/12/2019	3824418	19848845.4	
3824580	QUALCOMM INCORPORATED	16/07/2019	3824580	19746381.3	
3826722	F. Hoffmann-La Roche AG	23/07/2019	3826722	19750199.2	
3826959	DS Services of America, Inc. Crystal Mountain International Limited	18/07/2019	3826959	19766093.9	
3826981	Sabice Agri-Nutrients Company	23/07/2019	3826981	19798701.9	
3827015	Eli Lilly and Company	22/07/2019	3827015	19753218.7	
3827635	QUALCOMM Incorporated	24/07/2019	3827635	19758532.6	
3827921	IHI Corporation	26/07/2019	3827921	19839937.0	
3828694	Imagination Technologies Limited	02/11/2018	3828694	21153079.5	
3830062	OMV Downstream GmbH BASF SE	02/08/2019	3830062	19745187.5	German
3830755	Bzigo Ltd	24/07/2019	3830755	19843552.1	
3830931	Siemens Mobility GmbH	03/09/2019	3830931	19769069.6	German
3831312	IntoCare Medical Technology (Suzhou) Co., Ltd.	14/11/2019	3831312	19911167.5	
3831807	Samsung Display Co., Ltd.	05/11/2020	3831807	20205997.8	

3834890	Safran Aerosystems	09/12/2019	3834890	19306606.5	French
3835062	Dow Global Technologies LLC	09/04/2014	3835062	20210752.0	
3835253	Manitou Italia S.r.l.	09/12/2020	3835253	20212851.8	
3835878	Samsung Electronics Co., Ltd. Korea University Research and Business Foundation, Sejong Campus	11/11/2020	3835878	20207005.8	
3835883	The Swatch Group Research and Development Ltd	11/12/2019	3835883	19215149.6	French
3836438	ZTE Corporation	08/08/2019	3836438	19847178.1	
3837205	RUD Ketten Rieger & Dietz GmbH u. Co. KG	30/07/2019	3837205	19752126.3	German
3837366	Alnylam Pharmaceuticals, Inc.	12/08/2019	3837366	19759220.7	
3837689	Numascale AS	05/08/2019	3837689	19746102.3	
3838172	Ethicon LLC	18/12/2020	3838172	20215587.5	
3839674	Oliver Crispin Robotics Limited	30/06/2009	3839674	21150601.9	
3840565	Heliponix, LLC	20/08/2019	3840565	19853068.5	
3840755	Terns, Inc.	23/08/2019	3840755	19852050.4	
3840908	Autoliv Development AB	19/08/2019	3840908	19753108.0	French
3841346	Hughes Safety Showers Limited Celant-Tel S.r.l. LLC	24/09/2019	3841346	19780295.2	
3841416	Outdoor Wireless Networks LLC	19/07/2019	3841416	19752597.5	
3841518	IDEX BIOMETRICS ASA	22/08/2019	3841518	19780362.0	
3842755	Tencent Technology (Shenzhen) Company Limited	16/08/2019	3842755	19851366.5	
3843434	QUALCOMM Incorporated	29/02/2016	3843434	21158672.2	
3844145	PMC Organometallics, Inc.	28/08/2019	3844145	19854977.6	
3844823	Robert Bosch GmbH	28/08/2019	3844823	19765186.2	German
3844916	Cisco Technology, Inc.	23/08/2019	3844916	19765844.6	
3844958	QUALCOMM INCORPORATED	27/08/2019	3844958	19765613.5	
3844961	Hulu, LLC	30/08/2019	3844961	19854191.4	
3845030	Sony Group Corporation Sony Mobile Communications Inc.	08/10/2019	3845030	19786536.3	
3845045	Sew-Eurodrive GmbH & Co. KG	09/08/2019	3845045	19755282.1	German
3845606	Sekisui Kasei Co., Ltd.	28/08/2019	3845606	19854865.3	
3846100	Rockwell Automation Technologies, Inc.	22/12/2020	3846100	20216463.8	
3846132	Axalta Coating Systems GmbH	17/12/2020	3846132	20214845.8	
3846646	KT&G Corporation	09/11/2020	3846646	20851272.3	
3847663	Gyrus ACMI, Inc. d/b/a/ Olympus Surgical Technologies America	05/09/2019	3847663	19773233.2	
3847724	ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG	03/09/2019	3847724	19762792.0	German
3848329	LG Energy Solution, Ltd.	08/11/2019	3848329	19884515.8	
3848830	Soliton Systems K.K.	19/05/2020	3848830	20866117.3	
3848908	Sony Interactive Entertainment Inc.	03/09/2018	3848908	18932436.1	
3849318	KÖNIG MASCHINEN GESELLSCHAFT M.B.H.	11/09/2019	3849318	19772644.1	German
3849637	Bayer HealthCare LLC	10/09/2019	3849637	19773643.2	
3850004	Nkarta, Inc.	11/09/2019	3850004	19859765.0	
3852359	Sony Semiconductor Solutions Corporation	06/09/2019	3852359	19859335.2	
3852817	Cerus Corporation	20/09/2019	3852817	19783776.8	
3853079	Joyson Safety Systems Germany GmbH	05/09/2019	3853079	19774064.0	German
3854295	FUJIFILM Corporation	05/09/2019	3854295	19862744.0	
3854786	UBE Corporation	24/09/2019	3854786	19863035.2	
3855226	FUJIKURA LTD.	17/05/2019	3855226	19863490.9	
3856226	President and Fellows of Harvard College	27/09/2019	3856226	19789835.6	
3857962	INTEL Corporation	11/09/2019	3857962	19866419.5	
3859428	JVCKENWOOD Corporation	11/03/2019	3859428	19867455.8	
3859664	NEC Corporation	28/09/2018	3859664	18935319.6	
3859859	Murata Manufacturing Co., Ltd. Hydro-Québec	27/09/2018	3859859	18934762.8	
3860141	ZTE Corporation	24/09/2019	3860141	19865931.0	

3860496	CMR Surgical Limited	03/10/2019	3860496	19787380.5	
3860505	Albert-Ludwigs-Universität Freiburg	04/09/2019	3860505	19765979.0	
3860584	Tdeltas Limited	03/10/2019	3860584	19787377.1	
3861386	Microsoft Technology Licensing, LLC	02/10/2019	3861386	19787357.3	
3861502	Capital One Services, LLC	01/10/2019	3861502	19869431.7	
3861778	Samsung Electronics Co., Ltd.	06/11/2019	3861778	19883098.6	
3863257	Alcatel Lucent	13/11/2014	3863257	21165493.4	
3863394	MTD Products Inc.	26/09/2019	3863394	19783938.4	
3863766	Technofast Industries Pty Ltd.	19/09/2019	3863766	19871491.7	
3863975	Waterise Technologies AS	14/10/2019	3863975	19872184.7	
3864610	Microsoft Technology Licensing, LLC	30/07/2019	3864610	19752363.2	
3864972	Japan Tobacco Inc.	08/10/2019	3864972	19870929.7	
3866704	NICE Surgical Solutions Pte. Ltd.	19/10/2019	3866704	19873342.0	
3867448	Stone, Mark	17/10/2019	3867448	19794222.0	
3867635	Hemex Health, Inc.	17/10/2019	3867635	19873333.9	
3867880	Oracle International Corporation	21/10/2019	3867880	19802355.8	
3868153	JRD Communication (Shenzhen) Ltd	22/10/2020	3868153	20885692.2	
3870063	Koninklijke Philips N.V. Philips Image Guided Therapy Corporation	24/10/2019	3870063	19794971.2	
3871331	KOSTAL Drives Technology GmbH	23/10/2019	3871331	19794498.6	German
3871452	Nokia Technologies Oy	24/10/2018	3871452	18803868.1	
3871939	TOYOTA JIDOSHA KABUSHIKI KAISHA	21/01/2021	3871939	21152647.0	
3872046	Corning Incorporated	14/10/2013	3872046	21161831.9	
3872538	Samsung Electronics Co., Ltd.	04/02/2021	3872538	21155228.6	
3873273	Imperial Tobacco Limited	25/10/2019	3873273	19798010.5	
3874148	Blade Dynamics Limited	24/10/2019	3874148	19794967.0	
3874575	Robert Bosch GmbH	22/10/2019	3874575	19791239.7	German
3874633	QUALCOMM INCORPORATED	23/10/2019	3874633	19802012.5	
3875320	Volvo Car Corporation	02/03/2021	3875320	21160207.3	
3875352	Kubota Corporation	03/11/2020	3875352	20205413.6	
3876146	Samsung Electronics Co., Ltd.	01/03/2021	3876146	21159949.3	
3876453	ZTE Corporation	29/10/2019	3876453	19879453.9	
3877061	Full-Swing Golf, Inc.	08/11/2019	3877061	19824415.4	
3877227	WAYMO LLC	03/12/2019	3877227	19894626.1	
3877595	TALON ENGINEERING SDN BHD	08/11/2019	3877595	19882159.7	
3877918	Google LLC	17/12/2019	3877918	19839706.9	
3878572	JFE Steel Corporation	06/11/2019	3878572	19882667.9	
3879078	Shanghai Electric Power Generation Equipment Co., Ltd.	02/04/2019	3879078	19883162.0	
3880064	Aerbetic, Inc.	14/11/2019	3880064	19885133.9	
3881277	Phung, Edmund Elmoznino, Eric Ma, He Kezele, Irina Levinshtein, Alex Aarabi, Parham	14/11/2019	3881277	19885726.0	
3881587	QUALCOMM Incorporated	07/11/2019	3881587	19836037.2	
3881897	SETOLAS Holdings, Inc.	15/11/2019	3881897	19885091.9	
3883584	Enlivex Therapeutics R&D Ltd	17/11/2019	3883584	19886343.3	
3884496	SANOFI	14/11/2019	3884496	19801568.7	
3885790	Leuze electronic GmbH + Co. KG	27/03/2020	3885790	20166175.8	German
3886296	AISIN CORPORATION TOYOTA JIDOSHA KABUSHIKI KAISHA	28/01/2020	3886296	20759438.3	
3886541	AT & S Austria Technologie & Systemtechnik Aktiengesellschaft	26/03/2020	3886541	20165903.4	
3886552	Fuji Corporation	21/11/2018	3886552	18940763.8	
3887879	Ledil Oy	24/10/2019	3887879	19804760.7	
3887937	Paccar Inc	29/11/2019	3887937	19891304.8	
3888225	WiTricity AI Tech, LLC	27/11/2019	3888225	19824117.6	

3889392	GE Vernova Technology GmbH	11/03/2021	3889392	21162178.4	
3889615	F. Hoffmann-La Roche AG	02/04/2020	3889615	20167765.5	
3890800	Xenios AG	05/12/2019	3890800	19813542.8	
3891230	Agfa-Gevaert N.V.	25/11/2019	3891230	19808807.2	
3891367	Jacobs Vehicle Systems, Inc.	07/12/2019	3891367	19893451.5	
3892725	Japan Science and Technology Agency	03/12/2019	3892725	19892242.9	
3892978	Bridgestone Corporation	11/07/2019	3892978	19893973.8	
3893007	NXP USA, Inc.	30/03/2021	3893007	21165885.1	
3893059	CANON KABUSHIKI KAISHA	27/11/2019	3893059	19893218.8	
3893326	Nokia Technologies Oy	06/04/2020	3893326	20168129.3	
3893646	X-Inflex B.V.	11/12/2019	3893646	19820904.1	
3894059	Global Life Sciences Solutions USA LLC	04/12/2019	3894059	19816632.4	
3894488	ARKEMA FRANCE	12/12/2019	3894488	19816746.2	French
3895266	Schleuniger AG	14/12/2018	3895266	18826253.9	German
3895363	Samsung Electronics Co., Ltd.	22/04/2020	3895363	20798799.1	
3896216	ProGlobal Products LLC	15/03/2021	3896216	21020149.7	
3896375	NGK INSULATORS, LTD.	17/02/2020	3896375	20774866.6	
3896616	AUMOVIO Autonomous Mobility Germany GmbH	14/04/2020	3896616	20169370.2	
3897182	Avril Université de Lorraine Centre National de la Recherche Scientifique	20/12/2019	3897182	19827750.1	
3897597	Kolinpharma S.p.A.	20/12/2019	3897597	19838970.2	
3897922	Dürr CTS GmbH	06/12/2019	3897922	19816675.3	
3898133	Renishaw PLC	16/12/2019	3898133	19823973.3	
3898556	ARKEMA FRANCE	18/12/2019	3898556	19848965.0	French
3898646	Sage Therapeutics, LLC	20/12/2019	3898646	19850836.8	
3898986	Enza Zaden Beheer B.V.	04/12/2019	3898986	19813528.7	
3899506	Pirelli Tyre S.p.A.	09/12/2019	3899506	19845912.5	
3899873	Samsung Electronics Co., Ltd.	23/12/2019	3899873	19899212.5	
3900353	InterDigital Madison Patent Holdings, SAS	16/12/2019	3900353	19839009.8	
3901181	Maruzen Petrochemical Co., Ltd.	16/12/2019	3901181	19900721.2	
3901396	Schlage Lock Company LLC	23/11/2015	3901396	21167012.0	
3901732	Beijing Xiaomi Mobile Software Co., Ltd.	25/09/2020	3901732	20198535.5	
3903118	Intel Corporation	13/11/2019	3903118	19903822.5	
3903500	Snap Inc.	05/12/2019	3903500	19903048.7	
3904591	Kuraray Co., Ltd.	05/11/2019	3904591	19901746.8	
3905715	Gulfstream Aerospace Corporation	28/04/2021	3905715	21170824.3	
3905845	Purem GmbH	24/03/2021	3905845	21164440.6	German
3907386	Kerionics, S.L.	30/12/2019	3907386	19907683.7	
3907515	AEM Singapore Pte. Ltd.	20/04/2021	3907515	21169323.9	
3908194	Koninklijke Philips N.V.	24/12/2019	3908194	19829227.8	
3908477	Easee AS	07/01/2020	3908477	20739108.7	
3908848	QUALCOMM INCORPORATED	10/01/2020	3908848	20704682.2	
3909136	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. Friedrich-Alexander-Universität Erlangen- Nürnberg	08/01/2020	3909136	20700443.3	
3909146	Qualcomm Incorporated	07/01/2020	3909146	20703612.0	
3909961	CJ CheilJedang Corporation	29/11/2019	3909961	19908134.0	
3910804	Telefonaktiebolaget LM Ericsson (publ)	08/04/2013	3910804	21176890.8	
3910849	VIVO MOBILE COMMUNICATION CO., LTD.	08/01/2020	3910849	20738504.8	
3910875	VOLKSWAGEN AG	10/05/2021	3910875	21173002.3	German
3911244	Trophy Carestream Dental LLC	16/01/2020	3911244	20704999.0	
3911981	Corning Research & Development Corporation	17/01/2020	3911981	20741527.4	
3912416	QUALCOMM Incorporated	15/01/2020	3912416	20741243.8	
3913344	Nabtesco Corporation	20/05/2021	3913344	21175005.4	
3913353	Samsung Electronics Co., Ltd.	05/05/2021	3913353	21172274.9	

3913970	Nokia Technologies Oy	20/05/2020	3913970	20175844.8	
3914459	Flooring Technologies Ltd.	08/01/2020	3914459	20701257.6	German
3914562	Whitecell Eisenhuth GmbH & Co. KG Technische Universität Clausthal	21/01/2020	3914562	20701572.8	German
3914955	Dispelix Oy	15/04/2020	3914955	20790506.8	
3915061	Samsung Electronics Co., Ltd.	08/07/2020	3915061	20841044.9	
3915220	Samsung Electronics Co., Ltd.	23/03/2020	3915220	20779228.4	
3916299	Daxtor A/S	27/05/2021	3916299	21176228.1	
3916901	Ningde Ampere Technology Ltd.	31/03/2020	3916901	20864281.9	
3916930	Dongguan Luxshare Technologies Co., Ltd	18/05/2021	3916930	21174373.7	
3916936	Seoul Viosys Co., Ltd	26/02/2020	3916936	20762112.9	
3917109	Brother Kogyo Kabushiki Kaisha	28/05/2021	3917109	21176415.4	
3918865	QUALCOMM Incorporated	17/01/2020	3918865	20705852.0	
3919095	Nipro Corporation	29/01/2020	3919095	20748298.5	
3919291	The Yokohama Rubber Co., Ltd.	25/12/2019	3919291	19912911.5	
3919398	Yoshino Kogyosho Co., Ltd.	22/11/2019	3919398	19913451.1	
3919511	FUJIFILM Corporation	30/01/2020	3919511	20749085.5	
3920430	ZTE Corporation	20/01/2020	3920430	20748980.8	
3921974	Visa International Service Association	01/08/2019	3921974	19914310.8	
3922226	Ontex BV Ontex Group NV	08/06/2020	3922226	20178776.9	
3922286	Crisi Medical Systems, Inc.	25/08/2016	3922286	21187984.6	
3922430	Siemens Gamesa Renewable Energy A/S	12/06/2020	3922430	20179652.1	
3922517	Autoliv Development AB	23/12/2019	3922517	19914541.8	
3922971	Gao, Yongjie	02/12/2019	3922971	19930674.7	
3923232	Fuji Corporation	04/02/2019	3923232	19914248.0	
3923260	Honeywell International Inc.	19/05/2021	3923260	21174858.7	
3924436	Helios Coatings Inc.	31/08/2020	3924436	20771713.3	
3925316	ZTE Corporation	15/02/2019	3925316	19915197.8	
3928219	ORACLE INTERNATIONAL CORPORATION	24/01/2020	3928219	20708326.2	
3928355	Yakob Industries, Inc.	18/02/2020	3928355	20758633.0	
3928949	Husky Injection Molding Systems Ltd.	29/08/2019	3928949	21191403.1	
3929553	Simmonds Precision Products, Inc.	23/06/2021	3929553	21181195.5	
3929903	Samsung Display Co., Ltd.	04/06/2021	3929903	21177770.1	
3930358	Brother Kogyo Kabushiki Kaisha	17/06/2021	3930358	21179998.6	
3930861	Karsten Manufacturing Corporation	02/03/2020	3930861	20767428.4	
3931083	Safran Nacelles	25/02/2020	3931083	20705743.1	French
3931453	Treemagineers Ltd	24/02/2020	3931453	20709664.5	
3934535	PROCEPT BioRobotics Corporation	09/03/2020	3934535	20767445.8	
3934712	Gambro Lundia AB	06/03/2020	3934712	20709567.0	
3934961	Voith Patent GmbH	02/03/2020	3934961	20710079.3	German
3935488	Third Iron, LLC	04/03/2020	3935488	20766124.0	
3935741	QUALCOMM INCORPORATED	13/01/2020	3935741	20704971.9	
3935802	SANOFI	05/03/2020	3935802	20707286.9	
3936444	G.D S.p.A.	30/06/2021	3936444	21182728.2	
3937878	Terumo BCT Biotechnologies, LLC	11/03/2020	3937878	20718019.1	
3939493	Anqing Medical Co., Ltd	21/05/2019	3939493	19918588.5	
3939901	Toyo Seikan Co., Ltd.	27/02/2020	3939901	20769187.4	
3940675	Vimar S.p.A.	16/07/2021	3940675	21186253.7	
3941018	Robert Bosch GmbH	05/07/2021	3941018	21183647.3	German
3941145	InterDigital Patent Holdings, Inc.	20/08/2007	3941145	21183602.8	
3942270	Quest Integrity USA, LLC	19/03/2020	3942270	20773629.9	
3943996	Samsung Electronics Co., Ltd.	19/07/2021	3943996	21186447.5	
3946499	Solventum Intellectual Properties Company	26/03/2020	3946499	20720277.1	
3946658	Snap Inc.	24/03/2020	3946658	20720592.3	
3946693	Johnson Matthey Public Limited Company	27/03/2020	3946693	20719723.7	
3946807	Ge-Hitachi Nuclear Energy Americas LLC	02/04/2020	3946807	20783698.2	
3946880	Zephyros, Inc.	12/03/2020	3946880	20717446.7	
3947413	ScinoPharm Taiwan, Ltd.	24/03/2020	3947413	20777079.3	
3947814	Kemira Oyj	01/04/2020	3947814	20720708.5	
3948588	IPLA Holdings Inc.	30/03/2020	3948588	20722399.1	

3948910	Nawah	23/03/2020	3948910	20723183.8	French
3949328	Cisco Technology, Inc. Fraunhofer Institute for Secure Information Technology	05/04/2020	3949328	20721075.8	
3950224	Biam Alloys Co., Ltd. Jiuma Automatic Machinery (Shanghai) Co., Ltd.	30/03/2020	3950224	20776669.2	
3950225	Biam Alloys Co., Ltd. Jiuma Automatic Machinery (Shanghai) Co., Ltd.	30/03/2020	3950225	20776809.4	
3950724	Zeon Corporation	27/03/2020	3950724	20777063.7	
3950822	Dow-Mitsui Polychemicals Co., Ltd.	13/03/2020	3950822	20778666.6	
3951098	KUBOTA CORPORATION	18/12/2019	3951098	19922407.2	
3951169	Eagle Industry Co., Ltd.	02/04/2020	3951169	20782227.1	
3951547	Beijing Jingdong Shangke Information Technology Co., Ltd. Beijing Jingdong Century Trading Co., Ltd.	19/03/2020	3951547	20812904.9	
3951844	Hamamatsu Photonics K.K.	29/01/2020	3951844	20779525.3	
3952064	GE Aviation Systems LLC	30/07/2021	3952064	21188719.5	
3952401	Huawei Technologies Co., Ltd.	27/04/2020	3952401	20798167.1	
3952987	Convergent R.N.R Ltd.	07/04/2020	3952987	20787593.1	
3953034	Metrohm AG	07/04/2020	3953034	20716478.1	German
3953235	Young, Nelson B.	30/04/2019	3953235	19924599.4	
3953586	Edwards Limited	09/04/2020	3953586	20721685.4	
3953862	Volkswagen Aktiengesellschaft	08/05/2020	3953862	20726731.1	German
3953893	Intertrust Technologies Corporation	08/04/2020	3953893	20723656.3	
3954010	Raytheon Company	07/04/2020	3954010	20722149.0	
3954107	Balzer, Miriana	11/04/2019	3954107	19717858.5	German
3954629	Edelmann GmbH	13/08/2020	3954629	20190956.1	German
3955251	Samsung Electronics Co., Ltd.	12/05/2021	3955251	21173622.8	
3955301	Sony Semiconductor Solutions Corporation	16/03/2020	3955301	20788366.1	
3955563	Hangzhou Hikmicro Sensing Technology Co., Ltd.	13/05/2020	3955563	20822196.0	
3956006	Bard Access Systems, Inc.	16/04/2020	3956006	20791571.1	
3956550	Faurecia Emissions Control Technologies Germany GmbH	09/04/2020	3956550	20719385.5	German
3956798	Sarcos Corp.	17/04/2020	3956798	20724355.1	
3957192	G.D SOCIETA' PER AZIONI	13/08/2021	3957192	21191253.0	
3957286	Lee, Keun Cheol	13/12/2019	3957286	19924771.9	
3957711	Novozymes A/S	28/10/2016	3957711	20210201.8	
3958175	Samsung Electronics Co., Ltd.	07/06/2021	3958175	21178039.0	
3958566	Axis AB	17/08/2020	3958566	20191260.7	
3959211	Bayer Aktiengesellschaft The Broad Institute, Inc. Dana-Farber Cancer Institute, Inc.	22/04/2020	3959211	20721196.2	
3960276	Mitsubishi Heavy Industries, Ltd.	20/04/2020	3960276	20794455.4	
3960287	Toray Industries, Inc.	21/04/2020	3960287	20795553.5	
3960776	SUMITOMO CHEMICAL COMPANY, LIMITED	30/01/2020	3960776	20795527.9	
3961171	Samsung Electronics Co., Ltd.	02/08/2021	3961171	21189131.2	
3961178	Eaton Intelligent Power Limited	20/08/2021	3961178	21192461.8	
3961210	Bozic, Alexander	15/05/2018	3961210	21202259.4	German
3961459	Aptiv Technologies AG	01/09/2020	3961459	20193963.4	
3961501	NCR Voyix Corporation	23/03/2021	3961501	21164426.5	
3961603	Honeywell International Inc.	27/08/2021	3961603	21193668.7	
3962072	Tencent Technology (Shenzhen) Company Limited	01/04/2020	3962072	20794269.9	
3962108	LG Display Co., Ltd.	30/08/2021	3962108	21193803.0	
3962811	Aero Velocity Inc.	10/06/2021	3962811	21762587.0	
3963781	Telefonaktiebolaget LM Ericsson (PUBL)	30/04/2020	3963781	20725253.7	
3963821	Visa International Service Association	30/04/2019	3963821	19927364.0	
3964237	Regeneron Pharmaceuticals, Inc.	14/03/2014	3964237	21194635.5	

3964242	Cilag GmbH International	12/06/2018	3964242	21199515.4	
3964421	ALSTOM Holdings	08/09/2021	3964421	21195565.3	
3964590	DCGEN Co., Ltd.	28/04/2020	3964590	20802982.7	
3965005	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	05/06/2020	3965005	20823164.7	
3965325	Huawei Technologies Co., Ltd.	15/07/2019	3965325	19928816.8	
3966510	Samsung Electronics Co., Ltd.	21/08/2020	3966510	20855281.0	
3966522	Hexagon Metrology, Inc	07/05/2020	3966522	20729389.5	
3966623	Lumus Ltd.	06/05/2020	3966623	20725240.4	
3967047	Hulu, LLC	05/05/2020	3967047	20802199.8	
3967209	Ambu A/S	14/09/2021	3967209	21196567.8	
3967967	Phoenixdarts Co., Ltd.	29/12/2017	3967967	21200179.6	
3968006	Nokia Technologies Oy	14/09/2020	3968006	20195874.1	
3968095	ETA SA Manufacture Horlogère Suisse	15/09/2020	3968095	20196228.9	French
3968696	Nokia Technologies Oy	03/09/2021	3968696	21194705.6	
3968710	NTT DOCOMO, INC.	10/05/2019	3968710	19928415.9	
3969380	Constellium Neuf Brisach Constellium Muscle Shoals LLC	12/05/2020	3969380	20740700.8	French
3970195	mi2-factory GmbH	14/05/2020	3970195	20728420.9	German
3970401	Orange	04/05/2020	3970401	20723127.5	French
3970491	UPL Corporation Limited UPL Europe Ltd	20/09/2021	3970491	21197610.5	
3971025	Wonderland Switzerland AG	01/10/2019	3971025	21205677.4	
3971245	FUJIFILM Corporation	07/05/2020	3971245	20806133.3	
3971684	Tencent Technology (Shenzhen) Company Limited	20/04/2020	3971684	20804776.1	
3971800	ABB Schweiz AG	21/09/2020	3971800	20197264.3	
3972194	Schneider Electric Industries SAS	16/09/2020	3972194	20306038.9	
3972600	H. Lundbeck A/S	19/05/2020	3972600	20727248.5	
3973656	QUALCOMM INCORPORATED	18/05/2020	3973656	20731299.2	
3975877	Medtronic, Inc.	21/05/2020	3975877	20731732.2	
3976327	LTS Lohmann Therapie-Systeme AG Ono Pharmaceutical Co., Ltd. KM Transderm Ltd.	26/05/2020	3976327	20727311.1	
3976406	Valeo Automotive Air Conditioning Hubei Co., Ltd.	29/05/2020	3976406	20812575.7	
3976489	Nypro Inc.	03/06/2020	3976489	20817805.3	
3976951	Caterpillar Energy Solutions GmbH	28/05/2020	3976951	20731389.1	
3977394	Precision Planting LLC	23/04/2020	3977394	20722667.1	
3978993	Sumitomo Osaka Cement Co., Ltd.	30/09/2021	3978993	21200131.7	
3979200	Tencent Technology (Shenzhen) Company Limited	30/04/2020	3979200	20812620.1	
3979352	Panasonic Energy Co., Ltd.	26/05/2020	3979352	20815065.6	
3980295	LAZZERINI SOCIETA' A RESPONSABILITA' LIMITATA SOCIETA' BENEFIT	03/06/2020	3980295	20729085.9	
3980638	SAFRAN AIRCRAFT ENGINES	27/04/2020	3980638	20731531.8	French
3980878	Cambridge Touch Technologies Ltd.	05/12/2019	3980878	19817407.0	
3981831	The Yokohama Rubber Co., Ltd.	03/06/2020	3981831	20819242.7	
3981887	Industry-Academic Cooperation Foundation, Yonsei University University - Industry Cooperation Group of Kyung Hee University	10/06/2020	3981887	20821679.6	
3982393	JEOL Ltd.	20/09/2021	3982393	21197620.4	
3982594	Nozomi Networks Sagl	05/10/2021	3982594	21200911.2	
3983466	Covestro Deutschland AG	10/06/2020	3983466	20731087.1	
3984043	Elmedix NV	10/06/2020	3984043	20734328.6	
3984195	Centripetal Limited	15/06/2020	3984195	20735785.6	
3984293	QUALCOMM INCORPORATED	15/05/2020	3984293	20730856.0	
3985495	EMC IP Holding Company LLC	24/09/2021	3985495	21198756.5	
3987229	TECHNISCHE UNIVERSITÄT WIEN	17/06/2020	3987229	20739238.2	German
3987417	Nokia Technologies Oy	22/06/2020	3987417	20734009.2	

3987443	Zalando SE	18/06/2019	3987443	19731991.6	
3987671	ORANGE	15/06/2020	3987671	20731877.5	French
3987980	Bestway Inflatables & Material Corp.	13/10/2021	3987980	21202440.0	
3988053	St. Jude Medical, Cardiology Division, Inc.	25/10/2021	3988053	21204508.2	
3988774	Unison Industries, LLC	11/08/2021	3988774	21190897.5	
3989030	Robert Bosch GmbH	01/10/2021	3989030	21200400.6	German
3989109	Tencent Technology (Shenzhen) Company Limited	20/06/2020	3989109	20825586.9	
3989184	Daon Technology	11/10/2021	3989184	21202020.0	
3989522	Nokia Technologies Oy	22/09/2021	3989522	21198169.1	
3990108	Endomagnetics LTD	25/06/2020	3990108	20743824.3	
3991090	Deep Forestry AB	22/06/2020	3991090	20744179.1	
3991148	Diebold Nixdorf Incorporated	25/06/2020	3991148	20833658.6	
3991320	QUALCOMM INCORPORATED	27/06/2020	3991320	20745360.6	
3991631	Olympus Corporation	02/09/2021	3991631	21194639.7	
3992010	KUBOTA CORPORATION	24/06/2020	3992010	20831966.5	
3992192	Guangdong Raynovent Biotech Co., Ltd.	24/06/2020	3992192	20844371.3	
3992657	Korea Research Institute Of Standards And Science POSTECH Research and Business Development Foundation	27/05/2021	3992657	21827171.6	
3993068	Samsung Display Co., Ltd.	19/03/2021	3993068	21163683.2	
3993437	Sonion Nederland B.V.	28/10/2020	3993437	20204289.1	
3993934	Hilti Aktiengesellschaft	24/06/2020	3993934	20733827.8	German
3993935	Hilti Aktiengesellschaft	23/06/2020	3993935	20734018.3	German
3993942	Norsk Titanium AS	01/07/2020	3993942	20736959.6	
3994825	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	03/07/2019	3994825	19737595.9	
3995139	Georgia State University Research Foundation, Inc.	10/04/2017	3995139	21204487.9	
3995406	Tokan Kogyo Co., Ltd.	22/05/2020	3995406	20835148.6	
3995883	The Swatch Group Research and Development Ltd	06/11/2020	3995883	20206240.2	
3996285	NXP B.V.	25/10/2021	3996285	21204406.9	
3996790	B. Braun Melsungen AG	02/07/2020	3996790	20736970.3	
3997349	DuraForce Holdings, LLC	14/07/2020	3997349	20840935.9	
3998390	Beijing Jingwei Hirain Technologies Co., Inc.	29/05/2020	3998390	20837595.6	
3998849	CNH Industrial Belgium NV	16/07/2020	3998849	20841616.4	
3999228	Consiglio Nazionale Delle Ricerche Alma Mater Studiorum -Università di Bologna	13/07/2020	3999228	20737048.7	
3999255	Lionsbot International Pte. Ltd.	15/07/2020	3999255	20839893.3	
3999740	Wobben Properties GmbH	15/06/2020	3999740	20733400.4	German
3999934	Microsoft Technology Licensing, LLC	18/05/2020	3999934	20730907.1	
4001831	MITSUBISHI ELECTRIC CORPORATION	09/07/2020	4001831	20840267.7	
4002001	Samsung Electronics Co., Ltd.	19/10/2021	4002001	21203489.6	
4002174	Accenture Global Solutions Limited	14/05/2021	4002174	21173795.2	
4002176	Netskope, Inc.	10/03/2017	4002176	21191734.9	
4002716	SOLiD Inc.	12/11/2021	4002716	21208011.3	
4002898	Deutsche Telekom AG	18/11/2020	4002898	20208445.5	
4003652	Atlas Copco Industrial Technique AB	06/07/2020	4003652	20754173.1	
4003751	3M Innovative Properties Company	21/07/2020	4003751	20844219.4	
4003831	Airbus Operations Limited	02/09/2020	4003831	20768537.1	
4005177	Google LLC	22/07/2020	4005177	20753632.7	
4005477	Samsung Electronics Co., Ltd.	13/09/2021	4005477	21196289.9	
4006727	INTEL Corporation	29/05/2015	4006727	22153258.3	
4006763	Microsoft Technology Licensing, LLC	10/06/2011	4006763	22152027.3	
4006867	Ford Global Technologies, LLC	25/11/2020	4006867	20209880.2	
4006933	ABB Schweiz AG	25/11/2020	4006933	20209698.8	

4007173	Hangzhou Hikvision Digital Technology Co., Ltd.	29/07/2020	4007173	20848629.0	
4008026	Plessey Semiconductors Limited	24/07/2020	4008026	20753891.9	
4008106	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD. ByteDance Inc.	02/09/2020	4008106	20859902.7	
4008151	QUALCOMM INCORPORATED	01/08/2019	4008151	19939750.6	
4008661	Otis Elevator Company	03/12/2021	4008661	21212387.1	
4008828	LG Electronics Inc.	01/12/2021	4008828	21211543.0	
4009029	SYSMEX CORPORATION	28/07/2017	4009029	21211930.9	
4009152	Panasonic Intellectual Property Management Co., Ltd.	01/08/2019	4009152	19926731.1	
4009209	Orange	25/11/2021	4009209	21210409.5	French
4009232	Tencent Technology (Shenzhen) Company Limited	06/11/2020	4009232	20919715.1	
4010354	Universität Bern	07/08/2020	4010354	20750683.3	
4010743	Avery Dennison Corporation	16/07/2020	4010743	20753547.7	
4011121	NEC Corporation	07/08/2019	4011121	19940565.5	
4011171	Telefonaktiebolaget LM Ericsson (publ)	04/08/2020	4011171	20849493.0	
4011280	i-Sens, Inc.	18/03/2020	4011280	20850149.4	
4011503	ABB Schweiz AG	09/08/2019	4011503	19941763.5	
4011671	HYUNDAI MOTOR COMPANY Kia Corporation	21/10/2021	4011671	21203909.3	
4011688	Great Wall Motor Company Limited	07/08/2020	4011688	20859321.0	
4012268	Miele & Cie. KG	29/11/2021	4012268	21211075.3	German
4012607	Tencent Technology (Shenzhen) Company Limited	10/10/2020	4012607	20914529.1	
4012658	Intuitive Surgical Operations, Inc.	17/03/2010	4012658	22153756.6	
4012694	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	07/05/2020	4012694	20897648.0	
4013681	Embraer, S.A.	06/08/2020	4013681	20854991.5	
4014464	Dish Network Technologies India Private Limited	06/08/2020	4014464	20767884.8	
4014891	Clover Life Sciences Inc.	27/09/2016	4014891	22156264.8	
4015365	Aurora Flight Sciences Corporation, a subsidiary of The Boeing Company	17/12/2021	4015365	21215617.8	
4015631	GlaxoSmithKline Intellectual Property Development Limited	17/12/2018	4015631	22154581.7	
4016089	AirFlow Direction, Inc.	22/11/2017	4016089	22156315.8	
4016249	EIZO Corporation	27/11/2019	4016249	19954596.3	
4016739	Aptiv Technologies AG	30/11/2021	4016739	21211452.4	
4016935	Schneider Electric Industries SAS	15/12/2020	4016935	20306563.6	
4017023	GN Hearing A/S	30/11/2021	4017023	21211228.8	
4017359	Ascensia Diabetes Care Holdings AG	19/08/2020	4017359	20760795.3	
4017487	Amazentis SA	20/08/2020	4017487	20756907.0	
4017549	Miomatrix Medical Inc.	19/08/2020	4017549	20764535.9	
4018147	Westinghouse Electric Company Llc	02/07/2020	4018147	20743534.8	
4018218	Lumileds LLC	20/08/2020	4018218	20757351.0	
4018375	Five AI Limited	21/08/2020	4018375	20757606.7	
4018376	Five AI Limited	21/08/2020	4018376	20757607.5	
4018377	Five AI Limited	21/08/2020	4018377	20757608.3	
4018378	Five AI Limited	21/08/2020	4018378	20757609.1	
4018379	Five AI Limited	21/08/2020	4018379	20757610.9	
4018568	QUALCOMM Incorporated	12/08/2020	4018568	20761732.5	
4019555	DL Chemical Co., Ltd.	14/12/2021	4019555	21214272.3	
4019809	Kubota Corporation	15/11/2021	4019809	21208335.6	
4019921	Yokogawa Electric Corporation	21/12/2021	4019921	21216678.9	
4020012	ZF CV Systems Europe BV	22/12/2020	4020012	20216287.1	
4020972	Astemo, Ltd.	19/05/2020	4020972	20859472.1	
4021312	Boston Scientific Scimed, Inc.	16/12/2020	4021312	20839497.3	
4021969	Dow Global Technologies LLC	26/08/2020	4021969	20768766.6	

4022375	CommScope Technologies LLC	24/08/2020	4022375	20859309.5	
4022378	Leica Microsystems CMS GmbH	27/08/2019	4022378	19769993.7	
4022419	INTEL Corporation	29/07/2020	4022419	20858219.7	
4022490	Visa International Service Association	31/08/2020	4022490	20857789.0	
4023550	DENSO CORPORATION	11/08/2020	4023550	20857314.7	
4023783	JFE Steel Corporation	23/10/2020	4023783	20879474.3	
4024267	Datalogic IP Tech S.r.l.	30/12/2021	4024267	21218294.3	
4024978	LG Electronics Inc.	27/08/2020	4024978	20857485.5	
4026547	Banasthali Vidyapith	21/07/2021	4026547	21186852.6	
4026985	General Electric Company	21/12/2021	4026985	21216571.6	
	Oliver Crispin Robotics Limited				
4027469	Shanghai Roye Electric Co., Ltd.	26/08/2020	4027469	20860507.1	
4027832	Suretint Technologies, LLC	11/09/2020	4027832	20862710.9	
4027871	Northwestern University	11/09/2020	4027871	20863986.4	
4028755	Central Glass Company, Limited	11/09/2020	4028755	20862696.0	
4028876	UiPath, Inc.	28/10/2021	4028876	21820833.8	
4029153	Telefonaktiebolaget LM Ericsson (publ)	10/09/2019	4029153	19768765.0	
4029921	FIDAMC (Fundación para la Investigación, Desarrollo y Aplicación de Materiales Compuestos)	10/09/2020	4029921	20864088.8	
	Universidad Complutense De Madrid				
4030089	Dyapason S.r.l.	13/01/2022	4030089	22151446.6	
4030336	VERIFONE, INC.	31/05/2017	4030336	22157228.2	
4030893	MJNN LLC	12/09/2020	4030893	20781416.1	
4031109	Bristol-Myers Squibb Company	18/09/2020	4031109	20781718.0	
4031214	MeiraGTx Ocular UK Limited	20/09/2020	4031214	20866654.5	
4031392	Canoo Technologies Inc.	21/09/2020	4031392	20866756.8	
4031770	Sullair, LLC	18/09/2019	4031770	19945903.3	
4032478	The Boeing Company	20/12/2021	4032478	21215965.1	
4032509	Inspiremd Ltd.	30/11/2021	4032509	21211455.7	
4032651	Robert Bosch GmbH	13/12/2021	4032651	21214042.0	German
4032679	Dow Global Technologies LLC	09/04/2014	4032679	22160901.9	
4033375	Google LLC	02/09/2015	4033375	22162235.0	
4033977	Battelle Memorial Institute	23/09/2020	4033977	20868860.6	
4034242	Celleron Therapeutics Limited	25/09/2020	4034242	20785579.2	
4034259	Henkel AG & Co. KGaA	13/07/2020	4034259	20740301.5	German
4034440	Zoox, Inc.	21/09/2020	4034440	20786186.5	
4034830	Elbit Systems Electro-Optics Elop Ltd.	23/09/2020	4034830	20869733.4	
4035926	Suzuki Motor Corporation	10/12/2021	4035926	21213585.9	
4035927	Suzuki Motor Corporation	10/12/2021	4035927	21213591.7	
4036166	Mitsuboshi Belting Ltd.	25/09/2020	4036166	20868272.4	
4037005	Prime Planet Energy & Solutions, Inc. TOYOTA JIDOSHA KABUSHIKI KAISHA	13/12/2021	4037005	21214020.6	
4037021	LG Energy Solution, Ltd.	26/08/2021	4037021	21862105.0	
4037592	DePuy Ireland Unlimited Company	02/10/2020	4037592	20790211.5	
4037738	SHL Medical AG	07/09/2020	4037738	20765292.6	
4037784	Kidde-Fenwal, LLC	29/09/2020	4037784	20801053.8	
4038465	Zoox, Inc.	30/09/2020	4038465	20793865.5	
4038539	Mettler-Toledo, LLC	29/09/2020	4038539	20870750.5	
4038784	Telefonaktiebolaget LM Ericsson (publ)	05/10/2020	4038784	20789540.0	
4038938	InterDigital Patent Holdings, Inc.	30/09/2020	4038938	20792854.0	
4039535	TOYOTA JIDOSHA KABUSHIKI KAISHA	27/01/2022	4039535	22153684.0	
4040029	Nickel, Klaus	02/02/2022	4040029	22154745.8	German
4040122	HORIBA, Ltd.	23/10/2020	4040122	20878512.1	
4040526	LG Energy Solution, Ltd.	30/06/2021	4040526	21831617.2	
4040673	MediaTek Inc.	22/12/2021	4040673	21217060.9	
4040984	Tall Goods, LLC	25/09/2020	4040984	20867112.3	
4041516	ARKEMA FRANCE	07/10/2020	4041516	20793756.6	French
4041731	Incyte Corporation	09/10/2020	4041731	20800427.5	
4041968	McCue Corporation	02/10/2020	4041968	20873091.1	

4042091	Eotech, LLC	16/11/2020	4042091	20912878.4	
4043896	Prime Planet Energy & Solutions, Inc.	15/10/2021	4043896	21202877.3	
4044293	LG Energy Solution, Ltd.	27/08/2020	4044293	20889471.7	
4044479	HYUNDAI MOTOR COMPANY Kia Corporation	08/10/2020	4044479	20884351.6	
4044488	ZTE Corporation	19/08/2020	4044488	20871749.6	
4045121	ResMed Pty Ltd	15/10/2020	4045121	20877830.8	
4045871	Renishaw PLC	15/10/2020	4045871	20793782.2	
4046178	Focusrite Audio Engineering Ltd	09/10/2020	4046178	20793083.5	
4047052	LG Chem, Ltd.	17/06/2021	4047052	21827139.3	
4047405	TDK TAIWAN CORP.	18/02/2022	4047405	22157441.1	
4047589	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	14/10/2019	4047589	19945416.6	
4047745	Vivo Mobile Communication Co., Ltd.	27/10/2020	4047745	20881076.2	
4048159	DePuy Ireland Unlimited Company	21/10/2020	4048159	20878453.8	
4048445	Turbocut Jopp GmbH	11/11/2021	4048445	21815127.2	German
4048482	Beijing Siling Robot Technology Co., Ltd. Agile Robots SE	17/11/2020	4048482	20810892.8	
4048747	CMC Materials LLC	22/10/2020	4048747	20878805.9	
4048937	LIFA INNOVATIVE LICHTSYSTEME GMBH - DIE LICHTFABRIK	26/10/2020	4048937	20800785.6	German
4049104	Universal Robots A/S	09/10/2020	4049104	20808013.5	
4050571	McAfee, LLC	18/02/2022	4050571	22157508.7	
4050707	Prime Planet Energy & Solutions, Inc.	25/01/2022	4050707	22153160.1	
4051137	Aesculap AG	29/10/2020	4051137	20800085.1	German
4052123	GeoQuest Systems B.V.	28/10/2019	4052123	19950625.4	
4052373	Xilinx, Inc.	11/08/2020	4052373	20761685.5	
4052556	Deprez Construct NV	02/03/2021	4052556	21160198.4	
4052576	Shenyang Sinochem Agrochemicals R & D Co., Ltd.	21/10/2020	4052576	20881266.9	
4052758	Jiangsu Yangnong Chemical Co., Ltd. SUMITOMO HEAVY INDUSTRIES, LTD.	28/02/2022	4052758	22159060.7	
4053571	Nitto Kogyo Corporation	30/10/2020	4053571	20881213.1	
4053702	NetApp, Inc.	21/02/2022	4053702	22157793.5	
4053827	LG Electronics Inc.	14/10/2020	4053827	20882184.3	
4054179	ZTE Corporation	25/11/2020	4054179	20893682.3	
4055062	Alginor ASA	06/11/2020	4055062	20804653.2	
4055074	École Nationale Supérieure de Chimie Mader Composites France ROQUETTE FRERES CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) Université de Lille Centrale Lille Institut Université d'Artois Fiabila	06/11/2020	4055074	20816284.2	French
4055081	Syensq Specialty Polymers USA, LLC	05/11/2020	4055081	20799761.0	
4055235	Eqon AS	04/11/2020	4055235	20884766.5	
4055366	NanoTemper Technologies GmbH	06/11/2020	4055366	20800668.4	
4056157	Daio Paper Corporation	08/12/2020	4056157	20900379.7	
4056612	ENEOS Materials Corporation	11/03/2022	4056612	22161558.6	
4056950	Teledyne FLIR Commercial Systems, Inc.	04/03/2022	4056950	22160223.8	
4057537	LG Electronics Inc.	05/11/2020	4057537	20884356.5	
4058788	Abbott Rapid Diagnostics International Unlimited Company	13/11/2020	4058788	20887437.0	
4058795	DH Technologies Development Pte. Ltd.	13/11/2020	4058795	20811746.5	
4058925	Avery Dennison Retail Information Services LLC	16/11/2020	4058925	20821534.3	
4059439	Canon Medical Systems Corporation	15/03/2022	4059439	22162142.8	
4059546	Shenzhen Mindray Scientific Co., Ltd.	15/06/2020	4059546	20887973.4	

4060101	Kabushiki Kaisha Toyota Chuo Kenkyusho TOYOTA JIDOSHA KABUSHIKI KAISHA	02/02/2022	4060101	22154787.0	
4060193	LG Electronics Inc.	17/03/2022	4060193	22162843.1	
4060394	Carl Zeiss Microscopy GmbH SD Optics, Inc. Stereo Display, Inc.	17/03/2021	4060394	21163120.5	
4060566	Beijing Xiaomi Mobile Software Co., Ltd. Beijing Xiaomi Pinecone Electronics Co., Ltd.	28/10/2021	4060566	21205200.5	
4060697	Commissariat à l'Energie Atomique et aux Energies Alternatives	14/03/2022	4060697	22161906.7	French
4061068	Datang Mobile Communications Equipment Co., Ltd.	03/11/2020	4061068	20886435.5	
4061866	Bostik SA	19/11/2020	4061866	20820491.7	French
4062005	Instytut Formy Sp. z.o.o.	20/11/2020	4062005	20838599.7	
4062222	Raytheon Canada Limited	21/11/2019	4062222	19953045.2	
4062230	Synopsys, Inc.	24/11/2020	4062230	20828887.8	
4062345	Microsoft Technology Licensing, LLC	03/11/2020	4062345	20816009.3	
4062368	Snap Inc.	17/11/2020	4062368	20821575.6	
4062903	Ciuhrii, Ceslav	10/07/2019	4062903	19838717.7	
4063068	Black & Decker, Inc.	05/10/2020	4063068	22166274.5	
4063190	FAURECIA Sièges d'Automobile	24/03/2022	4063190	22164118.6	French
4063229	Siemens Mobility GmbH	25/03/2021	4063229	21164907.4	German
4063238	VOLVO TRUCK CORPORATION	22/03/2021	4063238	21163870.5	
4063542	TMT Machinery, Inc.	07/03/2022	4063542	22160455.6	
4063561	VALMET AB	02/03/2022	4063561	22446501.3	
4064466	Shenzhen Mondial Technology Co., Limited	08/04/2021	4064466	21904616.6	
4064721	Anhui Huami Health Technology Co., Ltd.	20/11/2020	4064721	20889027.7	
4064843	L'OREAL	26/11/2020	4064843	20811348.0	
4065222	Carthera	25/11/2020	4065222	20808460.8	French
4065918	Khalifa University of Science and Technology	25/11/2020	4065918	20892628.7	
4066025	Saint-Gobain Sekurit France	03/11/2020	4066025	20800638.7	German
4066567	ZTE Corporation	07/08/2020	4066567	20948122.5	
4067222	Mitek S.r.l.	19/03/2022	4067222	22163118.7	
4067333	Honshu Chemical Industry Co., Ltd.	26/11/2020	4067333	20894468.6	
4067613	Ratier-Figeac SAS	30/03/2021	4067613	21315058.4	
4068758	Nokia Technologies Oy	21/01/2021	4068758	21743730.0	
4069147	Boston Scientific Scimed Inc.	01/12/2020	4069147	20828811.8	
4069149	Edwards Lifesciences Corporation	04/12/2020	4069149	20839425.4	
4069790	Wacker Chemie AG	06/12/2019	4069790	19817659.6	German
4070562	Netflix, Inc.	30/09/2020	4070562	20796675.5	
4070761	Hoya Medical Singapore Pte. Ltd.	10/11/2020	4070761	20895399.2	
4071331	AGC Inc.	25/11/2020	4071331	20895172.3	
4071439	The Boeing Company	07/03/2022	4071439	22160433.3	
4071527	EZ GROUP INC.	09/12/2021	4071527	21852023.7	
4071555	Canon Kabushiki Kaisha	02/12/2020	4071555	20897330.5	
4072339	Nicoventures Trading Limited	04/12/2020	4072339	20829980.0	
4072626	SANOFI	11/12/2020	4072626	20820961.9	
4072740	Hilti Aktiengesellschaft	01/12/2020	4072740	20812109.5	German
4073070	Gannex Pharma Co., Ltd.	12/10/2020	4073070	20895007.1	
4073450	VALEO SYSTEMES THERMIQUES	11/12/2020	4073450	20848798.3	French
4073764	Hover Inc.	11/12/2020	4073764	20899031.7	
4074084	ALSTOM Holdings	09/12/2020	4074084	20820157.4	
4074157	Amazonen-Werke H. Dreyer SE & Co. KG	25/03/2022	4074157	22401008.2	German
4074241	i-PRO Co., Ltd.	29/03/2022	4074241	22165224.1	
4074551	OPmobility SE	16/04/2021	4074551	21305510.6	
4074773	BRIDGESTONE CORPORATION	19/08/2020	4074773	20900006.6	
4075396	Bundesdruckerei GmbH	12/04/2022	4075396	22167735.4	German

4075647	Commissariat à l'Energie Atomique et aux Energies Alternatives	06/04/2022	4075647	22167016.9	French
4075845	Apple Inc.	22/06/2018	4075845	22177205.6	
4076295	W. L. Gore & Associates, Inc.	18/12/2019	4076295	19839544.4	
4076398	Tenax Therapeutics, Inc.	15/12/2020	4076398	20900848.1	
4076844	3M Innovative Properties Company	10/12/2020	4076844	20828844.9	
4077730	Centre Hospitalier Universitaire Vaudois (CHUV)	21/12/2020	4077730	20838519.5	
4077856	Lasse Ramskov Holding ApS	16/12/2020	4077856	20835739.2	
4078131	New York Air Brake, LLC	17/12/2019	4078131	19839516.2	
4078353	Faurecia Clarion Electronics Co., Ltd.	15/12/2020	4078353	20835904.2	
4078416	THALES	17/12/2020	4078416	20824273.5	French
4078551	Koninklijke Philips N.V.	04/12/2020	4078551	20820816.5	
4079028	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	16/12/2019	4079028	19956861.9	
4079305	Shenzhen Optimum Biological Technology Co., Ltd	18/12/2020	4079305	20903734.0	
4079306	Taiho Pharmaceutical Co., Ltd.	18/12/2020	4079306	20903242.4	
4079595	Siemens Mobility GmbH	01/04/2022	4079595	22166348.7	German
4079805	Sumitomo Rubber Industries, Ltd.	14/03/2022	4079805	22161976.0	
4080264	Leica Microsystems CMS GmbH	15/07/2021	4080264	21185712.3	
4080886	LG Electronics Inc.	11/12/2020	4080886	20903267.1	
4081315	EGYM SE	16/12/2020	4081315	20829906.5	
4081406	THALES DIS FRANCE SAS	11/12/2020	4081406	20821014.6	
4081777	10X Genomics, Inc.	22/12/2020	4081777	20839208.4	
4081818	Appareo Iot, LLC	23/12/2020	4081818	20905766.0	
4081853	Luxottica S.r.l.	22/12/2020	4081853	20841777.4	
4082462	Biosense Webster (Israel) Ltd	16/10/2017	4082462	22180671.4	
4082483	Edwards Lifesciences Corporation	19/12/2013	4082483	22177518.2	
4082919	Airbus Operations Limited	25/04/2022	4082919	22169612.3	
4083072	Minerva Biotechnologies Corporation	06/10/2009	4083072	22161931.5	
4083152	NITTA DuPont Incorporated	19/11/2020	4083152	20905421.2	
4083168	Daihachi Chemical Industry Co., Ltd.	25/12/2020	4083168	20907352.7	
4083453	NSK Ltd.	25/12/2020	4083453	20905217.4	
4083651	Samsung Electronics Co., Ltd.	20/04/2022	4083651	22169030.8	
4084351	Nokia Technologies Oy	27/04/2022	4084351	22170335.8	
4084419	STMicroelectronics S.r.l.	13/04/2022	4084419	22168201.6	
4085076	Biosion, Inc.	29/12/2020	4085076	20910567.5	
4085196	Utopus Insights, Inc.	30/12/2020	4085196	20910911.5	
4085657	Starkey Laboratories, Inc.	03/01/2021	4085657	21702327.4	
4085791	GEKA GmbH	06/07/2021	4085791	21184019.4	
4085859	Hangzhou Nuo Cheng Medical Instrument Co., Ltd	23/11/2020	4085859	20910481.9	
4086146	Ogab Ltd	02/03/2016	4086146	22182543.3	
4086919	HeartFlow, Inc.	29/07/2011	4086919	22181507.9	
4087052	Aptiv Technologies AG	21/04/2022	4087052	22169236.1	
4087228	Ars Techne Corporation Kubota, Iwao	09/12/2019	4087228	19956036.8	
4087705	Vapormatt Limited	11/01/2021	4087705	21700533.9	
4088518	QUALCOMM INCORPORATED	09/01/2021	4088518	21704056.7	
4089604	Carrier Corporation	13/05/2022	4089604	22173357.9	
4089734	Samsung Display Co., Ltd.	07/04/2022	4089734	22167063.1	
4090504	Wächter Packautomatik GmbH & Co. Kg	08/12/2020	4090504	20845145.0	German
4091243	Siemens Aktiengesellschaft	07/04/2021	4091243	21721837.9	German
4091287	QUALCOMM INCORPORATED	14/01/2021	4091287	21705087.1	
4091354	QUALCOMM INCORPORATED	13/01/2020	4091354	20913133.3	
4091459	Clemente S.r.l.	09/05/2022	4091459	22172348.9	
4091998	SCHOTT AG	21/05/2021	4091998	21175356.1	
4092092	tesa SE	03/05/2022	4092092	22171269.8	German
4092139	PathoQuest	20/06/2019	4092139	22179483.7	
4092588	Casio Computer Co., Ltd.	19/05/2022	4092588	22174418.8	

4092623	Tencent Technology (Shenzhen) Company Limited	05/07/2021	4092623	21846696.9	
4093248	Aerofoil Energy Limited	22/01/2021	4093248	21702088.2	
4094397	QUALCOMM INCORPORATED	20/01/2021	4094397	21705062.4	
4094703	Shenzhen Ulike Smart Electronics Co., Ltd.	24/03/2020	4094703	20917492.9	
4095562	Beijing Sankuai Online Technology Co., Ltd.	21/04/2021	4095562	21792770.6	
4095821	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	25/02/2020	4095821	20922398.1	
4096094	MediaTek Inc.	25/03/2022	4096094	22164496.6	
4096099	ZTE Corporation	23/06/2021	4096099	21829474.2	
4096357	LG Electronics Inc.	30/05/2022	4096357	22175999.6	
4096601	Jaeger, Eric, Matthew	23/02/2021	4096601	21763739.6	
4097907	QUALCOMM INCORPORATED	22/01/2021	4097907	21707594.4	
4097965	Ricoh Company, Ltd.	04/12/2020	4097965	20821414.8	
4098037	QUALCOMM Incorporated	14/01/2021	4098037	21705086.3	
4098705	Stevens, Henry Guy	30/12/2019	4098705	22186454.9	
4098934	Goodrich Corporation	01/06/2022	4098934	22176767.6	
4099626	Abberior Instruments GmbH	01/06/2022	4099626	22176802.1	
4100896	The Regents of the University of California	05/03/2021	4100896	21764519.1	
4101486	Aptar Radolfzell GmbH	11/06/2021	4101486	21178968.0	German
4101974	Future S.r.l.	01/06/2022	4101974	22020253.5	
4102615	China Faw Co., Ltd.	03/06/2021	4102615	21823006.8	
4103445	Hyperloop Technologies, Inc.	08/02/2021	4103445	21710656.6	
4103557	Janssen Pharmaceutica NV	09/02/2021	4103557	21705124.2	
4104978	Bayerische Motoren Werke Aktiengesellschaft	14/06/2021	4104978	21179167.8	
4105887	Stryker European Operations Limited	15/06/2021	4105887	21179565.3	
4106175	China Faw Co., Ltd.	31/05/2021	4106175	21822370.9	
4106866	Shanghai United Imaging Healthcare Co., Ltd.	16/03/2020	4106866	20925048.9	
4107127	FJELL BIODRY AS	16/02/2021	4107127	21706236.3	
4107696	SurgVision GmbH	19/02/2021	4107696	21707643.9	
4107755	Apple Inc.	01/06/2021	4107755	21734715.2	
4108947	Daikin Industries, Ltd.	17/03/2021	4108947	21779713.3	
4109119	LG Energy Solution, Ltd.	23/12/2021	4109119	21923446.5	
4109410	Imagination Technologies Limited	23/06/2022	4109410	22180709.2	
4109411	Imagination Technologies Limited	23/06/2022	4109411	22180733.2	
4109422	GLORY LTD.	09/03/2021	4109422	21775984.4	
4109440	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	25/03/2020	4109440	20926764.0	
4109507	Intel Corporation	24/05/2022	4109507	22175145.6	
4109760	INTEL Corporation	22/06/2022	4109760	22180496.6	
4109886	NIKON CORPORATION	17/02/2021	4109886	21756893.0	
4109896	InterDigital CE Patent Holdings	11/07/2017	4109896	22181338.9	
4110242	Ottobock SE & Co. KGaA	24/02/2021	4110242	21710403.3	German
4110432	SOLUtion Medical, Inc.	26/02/2021	4110432	21760269.7	
4111239	GeoQuest Systems B.V.	01/03/2021	4111239	21759876.2	
4111714	Enensys Technologies	23/02/2021	4111714	21706584.6	French
4111957	Cianna Medical, Inc.	04/10/2018	4111957	22178114.9	
4112042	Haleon CH SARL	30/06/2021	4112042	21382581.3	
4112224	Voortman Steel Machinery Holding B.V.	01/07/2022	4112224	22182542.5	
4112559	Panasonic Intellectual Property Management Co., Ltd.	25/02/2021	4112559	21761344.7	
4112602	Bayer Aktiengesellschaft	25/03/2019	4112602	22187571.9	
4112676	Zeon Corporation	04/02/2021	4112676	21759803.6	
4112969	Fox Factory, Inc.	16/06/2022	4112969	22179495.1	
4113028	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.	17/05/2021	4113028	21808900.1	
4113392	Siemens Mobility GmbH	17/05/2022	4113392	22173754.7	German
4113447	Imagination Technologies Limited	23/06/2022	4113447	22180677.1	

4113510	Honeywell International Inc.	15/06/2022	4113510	22179229.4	
4113690	LG Energy Solution, Ltd.	07/10/2021	4113690	21880396.3	
4113843	Research Institute of Tsinghua University in Shenzhen Tsinghua University	28/06/2020	4113843	20942503.2	
4113847	NXP B.V.	21/06/2022	4113847	22180110.3	
4114157	Siemens Aktiengesellschaft	01/07/2021	4114157	21183053.4	German
4114168	Signify Holding B.V.	02/03/2021	4114168	21708025.8	
4115094	Simpson Strong-Tie A/S	04/03/2021	4115094	21710437.1	
4115224	Karlsruher Institut für Technologie	04/03/2021	4115224	21710242.5	German
4115273	Huawei Technologies Co., Ltd.	20/03/2020	4115273	20925680.9	
4115338	Université de la Côte d'Azur (UCA) Centre national de la recherche scientifique	02/03/2021	4115338	21708021.7	
4115413	Audiodo AB (publ)	11/05/2022	4115413	22725576.7	
4115434	MICRO-EPSILON Messtechnik GmbH & Co. KG	02/11/2021	4115434	21820106.9	German
4115783	LG Electronics Inc.	02/03/2021	4115783	21765515.8	
4115928	TERUMO KABUSHIKI KAISHA	08/03/2021	4115928	21768244.2	
4115990	LG Energy Solution, Ltd.	04/05/2021	4115990	21814197.6	
4116038	Kistler Holding AG	01/06/2022	4116038	22176719.7	German
4116431	Quest Diagnostics Investments Incorporated	07/10/2008	4116431	22171715.0	
4116620	Leuze electronic GmbH + Co. KG	09/07/2021	4116620	21184831.2	German
4116783	BIG DAISHOWA CO., LTD. BIG DAISHOWA SEIKI CO., LTD.	02/03/2018	4116783	22192193.5	
4116785	BIG DAISHOWA CO., LTD. BIG DAISHOWA SEIKI CO., LTD.	02/03/2018	4116785	22192195.0	
4117212	Huizhou TCL Mobile Communication Co., Ltd	08/04/2020	4117212	20923527.4	
4117329	Vivo Mobile Communication Co., Ltd.	03/03/2021	4117329	21765378.1	
4117352	Comcast Cable Communications, LLC	27/09/2019	4117352	22193492.0	
4117422	Alma Mater Studiorum Universita di Bologna	09/03/2021	4117422	21717208.9	
4118746	Robert Bosch GmbH	08/03/2021	4118746	21712728.1	German
4119198	Skylotec GmbH	12/07/2022	4119198	22184260.2	German
4119218	MxPolymers B.V.	05/07/2018	4119218	22193683.4	
4119292	Fujimi Incorporated	01/03/2021	4119292	21767349.0	
4119411	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	08/03/2021	4119411	21780378.2	
4119533	AGC INC.	09/03/2021	4119533	21767905.9	
4120000	FUJIFILM Corporation	17/02/2021	4120000	21767891.1	
4120226	Mui Lab, Inc.	22/07/2020	4120226	20828744.1	
4120389	Echion Technologies Limited	27/08/2021	4120389	22180563.3	
4120596	Tencent Technology (Shenzhen) Company Limited	23/09/2021	4120596	21881818.5	
4121058	Merck Sharp & Dohme LLC	17/03/2021	4121058	21718283.1	
4121143	SHL Medical AG	21/12/2020	4121143	20838522.9	
4121619	Guset, Ioan	12/03/2021	4121619	21771880.8	
4121747	KLA Corporation	13/04/2020	4121747	20927161.8	
4121791	Siemens Industry, Inc.	10/03/2021	4121791	21714780.0	
4122131	QUALCOMM INCORPORATED	17/03/2021	4122131	21717711.2	
4122548	LG Electronics Inc.	18/07/2022	4122548	22185394.8	
4122864	Hitachi, Ltd.	16/03/2020	4122864	20926260.9	
4124083	NTT DOCOMO, INC.	19/03/2020	4124083	20925952.2	
4124433	Donatoni, Giorgio	28/07/2022	4124433	22187564.4	
4125091	Tata Consultancy Services Limited	26/07/2022	4125091	22186855.7	
4125214	Infineon Technologies AG	26/07/2021	4125214	21187790.7	
4125536	Boston Scientific Scimed, Inc.	22/03/2021	4125536	21719349.9	
4125651	Warsaw Orthopedic, Inc.	04/03/2021	4125651	21778829.8	
4125673	New York Society for the Relief of the Ruptured and Crippled, Maintaining the Hospital for Special Surgery	31/03/2021	4125673	21780534.0	
4125729	Edwards Lifesciences Corporation	27/05/2021	4125729	21733648.6	

4126122	Sanofi	25/03/2021	4126122	21713424.6	
4126444	Airbus SAS	30/03/2021	4126444	21717541.3	
4126829	Receptos LLC	25/03/2021	4126829	21720076.5	
4126835	Janssen Pharmaceutica NV	30/03/2021	4126835	21715611.6	
4127771	Micro-Sensys GmbH	18/05/2021	4127771	21727119.6	German
4127980	Spideroak, Inc.	23/03/2021	4127980	21774596.7	
4128098	Force Technology	26/03/2021	4128098	21717320.2	
4128452	Centre national de la recherche scientifique Institut Optique Théorique Appliquée Université Paris-Saclay	23/03/2021	4128452	21713947.6	French
4128516	BVW Invest AG	01/04/2021	4128516	21721295.0	
4128966	QUALCOMM INCORPORATED	01/04/2021	4128966	21721302.4	
4129159	Murata Manufacturing Co., Ltd.	15/04/2021	4129159	21793413.2	
4129173	Percusense	11/05/2017	4129173	22196858.9	
4129757	KUBOTA CORPORATION	29/03/2021	4129757	21782233.7	
4129878	Toray Industries, Inc.	15/03/2021	4129878	21778915.5	
4129968	Daicel Corporation	29/03/2021	4129968	21780111.7	
4130042	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.	01/04/2021	4130042	21780305.5	
4130735	National Institute for Materials Science	05/03/2021	4130735	21776633.6	
4130849	Goertek Optical Technology Co., Ltd.	16/12/2020	4130849	20928590.7	
4130967	Microsoft Technology Licensing, LLC	19/03/2020	4130967	22196699.7	
4131071	Illinois Tool Works, Inc.	22/06/2022	4131071	22180576.5	German
4131309	Vivo Mobile Communication Co., Ltd.	26/03/2021	4131309	21775549.5	
4131399	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	01/04/2020	4131399	20926366.4	
4131456	SFC Co., Ltd.	05/08/2022	4131456	22188964.5	
4131671	Jilin Zhong Ying High Technology Co., Ltd.	01/04/2021	4131671	21778993.2	
4131890	Avago Technologies International Sales Pte. Limited	26/07/2022	4131890	22187010.8	
4132072	Vivo Mobile Communication Co., Ltd.	31/03/2021	4132072	21778857.9	
4132213	Tencent Technology (Shenzhen) Company Limited	18/09/2021	4132213	21874283.1	
4132619	Fisher & Paykel Healthcare Limited	09/04/2021	4132619	21784630.2	
4132774	Astro Tech Co., Ltd.	20/05/2022	4132774	22736409.8	
4133300	Samsung Electronics Co., Ltd.	14/06/2021	4133300	21827136.9	
4134129	Hua, Wei LI, Zhou	26/05/2020	4134129	20930123.3	
4134301	Zuri.com SE	12/08/2021	4134301	21190958.5	
4134916	Imagination Technologies Limited	02/07/2019	4134916	22197498.3	
4135111	Contemporary Amperex Technology (Hong Kong) Limited	10/07/2020	4135111	22197975.0	
4135252	Qualcomm Incorporated	30/10/2018	4135252	22197623.6	
4135501	Fuji Corporation	09/04/2020	4135501	20929993.2	
4135572	HemoCept Inc.	13/04/2021	4135572	21788309.9	
4136262	Centre national de la recherche scientifique Centre Hospitalier Universitaire de Montpellier Université de Montpellier	14/04/2021	4136262	21717904.3	
4136289	Andritz Inc.	14/04/2021	4136289	21723542.3	
4136583	Qualcomm Incorporated	12/04/2021	4136583	21722716.4	
4136749	Siemens Gamesa Renewable Energy Innovation & Technology S.L.	16/04/2021	4136749	21721869.2	
4136947	Illinois Tool Works Inc.	12/03/2021	4136947	21715755.1	
4138316	SubCom, LLC	25/07/2022	4138316	22186772.4	
4138538	Windegger Maschinen GmbH	16/04/2021	4138538	21719131.1	German
4138969	ConvaTec Limited	23/04/2021	4138969	21723895.5	
4138979	CAREFUSION 2200, INC	20/04/2021	4138979	21724128.0	
4139893	Visionary Machines Pty Ltd	23/04/2021	4139893	21793321.7	
4140466	Maco Pharma	30/08/2022	4140466	22192717.1	French

4140843	TOYOTA JIDOSHA KABUSHIKI KAISHA	11/07/2022	4140843	22184058.0	
4141186	Detec System LLC	11/08/2022	4141186	22190061.6	
4141460	Lg Chem, Ltd.	12/11/2021	4141460	21892352.2	
4141575	Envisics Ltd.	26/07/2022	4141575	22187024.9	
4141721	QOHASH INC.	26/08/2022	4141721	22192272.7	
4141966	Beijing Zenithnano Technology Co., Ltd.	30/10/2021	4141966	21867893.6	
4142066	Iriso Electronics Co., Ltd.	24/08/2022	4142066	22191903.8	
4142820	enmodes GmbH	06/04/2021	4142820	21717817.7	German
4143703	Tencent America LLC	12/05/2021	4143703	21850306.8	
4144105	QUALCOMM Incorporated	30/04/2020	4144105	20933279.0	
4144202	CNH Industrial Belgium NV	02/09/2022	4144202	22193779.0	
4144306	Medtronic PS Medical, Inc.	27/07/2017	4144306	22202917.5	
4144506	Thermwood Corporation	09/07/2018	4144506	22189645.9	
4144996	LG Electronics, Inc.	02/09/2022	4144996	22193612.3	
4145421	Honeywell International Inc.	18/08/2022	4145421	22191088.8	
4145827	Hangzhou Hikvision Digital Technology Co., Ltd.	31/05/2021	4145827	21816692.4	
4146220	Vigil Neuroscience, Inc. Amgen Inc.	04/05/2021	4146220	21799590.1	
4146305	SHL Medical AG	21/04/2021	4146305	21720853.7	
4146516	Safran Landing Systems Safran Landing Systems Canada Inc.	30/04/2021	4146516	21800294.7	
4147137	Intuit Inc.	10/05/2021	4147137	21803589.7	
4147196	Illumina, Inc.	05/05/2021	4147196	21729989.0	
4147356	Qblox B.V.	10/05/2021	4147356	21726220.3	
4147563	CLAAS Selbstfahrende Erntemaschinen GmbH	18/05/2022	4147563	22173945.1	German
4148321	Simes S.p.A.	02/09/2022	4148321	22193601.6	
4148639	Amazon Technologies, Inc.	18/06/2014	4148639	22201572.9	
4148833	LG Energy Solution, Ltd. Seoul National University R & DB Foundation	10/08/2021	4148833	21856180.1	
4149038	Qualcomm Incorporated	29/09/2017	4149038	22191490.6	
4150165	Caterpillar SARL	30/04/2021	4150165	21724195.9	
4150332	Kenwave Solutions Inc. Vesi Boesman Holdings Inc.	07/05/2021	4150332	21803362.9	
4150362	THALES	04/05/2021	4150362	21722253.8	French
4150538	Xairos Systems, Inc.	15/06/2021	4150538	21826125.3	
4150642	Westinghouse Electric Company Llc	11/05/2021	4150642	21749739.5	
4151791	Pei-Ting, Chung	12/09/2022	4151791	22195083.5	
4151901	Toshiba Lighting & Technology Corporation	12/08/2022	4151901	22190137.4	
4151929	Schneider Electric Usa, Inc.	28/07/2022	4151929	22187628.7	
4151947	Resonac Packaging Corporation	29/03/2021	4151947	21804399.0	
4152047	Waymo LLC	06/06/2018	4152047	22206916.3	
4152335	Commissariat à l'Energie Atomique et aux Energies Alternatives	09/09/2022	4152335	22194899.5	French
4153085	Mazor Robotics Ltd.	13/05/2021	4153085	21727239.2	
4153194	Hansa Biopharma AB	18/05/2021	4153194	21726393.8	
4153310	F4 Pharma GmbH	19/05/2021	4153310	21725558.7	
4153335	Pivotal Enterprises Pty Ltd	18/05/2021	4153335	21808929.0	
4153450	Safran Seats USA LLC	11/08/2020	4153450	20761081.7	
4153565	F. Hoffmann-La Roche AG	19/05/2021	4153565	21726906.7	
4153582	Sironax Ltd.	20/05/2021	4153582	21808041.4	
4154020	Silicon Microgravity Limited	18/05/2021	4154020	21728102.1	
4154091	Telefonaktiebolaget LM ERICSSON (PUBL)	19/05/2020	4154091	20727245.1	
4154221	Microsoft Technology Licensing, LLC	10/04/2021	4154221	21723486.3	
4155563	Illinois Tool Works Inc.	04/09/2019	4155563	22207861.0	

4155726	Thermo Fisher Scientific (Shanghai) Instruments Co., Ltd. Dionex Softron GmbH	21/09/2022	4155726	22196977.7	
4156211	LG Innotek Co., Ltd.	28/09/2022	4156211	22198349.7	
4157517	IFP Energies nouvelles	18/05/2021	4157517	21726388.8	French
4159589	Hamm AG	25/08/2022	4159589	22192049.9	German
4160424	Mellanox Technologies, Ltd.	29/09/2022	4160424	22198830.6	
4161207	SK TELECOM CO. LTD	29/06/2021	4161207	21833156.9	
4161409	Gravity Medical Technology, Inc.	02/06/2021	4161409	21818647.6	
4161608	Qufora A/S	01/06/2021	4161608	21730855.0	
4161685	VA TECH WABAG GmbH	02/06/2021	4161685	21731091.1	German
4161734	Mirka Oy	09/06/2021	4161734	21732243.7	
4161747	System Ceramics S.p.A.	09/06/2021	4161747	21737152.5	
4161931	F. Hoffmann-La Roche AG	07/06/2021	4161931	21732822.8	
4163214	QINGDAO SACPAC INTELLIGENT EQUIPMENT CO., LTD.	16/07/2020	4163214	20939259.6	
4163289	Shenzhen Turier Biotech Co., Ltd.	19/05/2021	4163289	21821478.1	
4163758	Samsung Electronics Co., Ltd.	13/05/2021	4163758	21838418.8	
4163892	Burgess, Kim	07/10/2022	4163892	22200421.0	
4164284	Samsung Electronics Co., Ltd.	05/08/2021	4164284	21854237.1	
4164371	Sörvik, Bengt	14/06/2021	4164371	21825397.9	
4164871	Tata Consumer Products GB Limited	11/06/2021	4164871	21735368.9	
4164904	VALEO SYSTEMES THERMIQUES	16/06/2021	4164904	21733788.0	French
4165243	Kemira OYJ	14/06/2021	4165243	21734378.9	
4165465	Johnson & Johnson Vision Care Inc.	28/04/2021	4165465	21723404.6	
4166148	Memorial Sloan-Kettering Cancer Center The United States of America, as represented by The Secretary, Department of Health and Human Services	05/06/2015	4166148	22186683.3	
4166151	Biosearch S.A.	10/06/2020	4166151	20742306.2	
4166225	Purem GmbH	15/09/2022	4166225	22195754.1	German
4166370	Hyundai Mobis Co., Ltd.	10/10/2022	4166370	22200456.6	
4166411	SpeedInnov	12/10/2022	4166411	22201165.2	French
4166604	LG Energy Solution, Ltd.	19/08/2021	4166604	21875936.3	
4167190	Samsung Electronics Co., Ltd.	07/07/2021	4167190	21837427.0	
4167230	Samsung Electronics Co., Ltd.	22/10/2021	4167230	21886715.8	
4167648	MediaTek Singapore Pte. Ltd.	11/10/2022	4167648	22200896.3	
4167663	Samsung Electronics Co., Ltd.	12/07/2021	4167663	21842445.5	
4167821	BSH Hausgeräte GmbH	08/06/2021	4167821	21732221.3	German
4167899	breident medical GmbH & Co. KG	23/06/2021	4167899	21734344.1	German
4168077	Norton (Waterford) Limited	17/06/2021	4168077	21733979.5	
4168386	ARKEMA FRANCE	16/06/2021	4168386	21740119.9	French
4168805	NIGHTINGALE HEALTH OYJ	18/06/2021	4168805	21736001.5	
4168836	Teknologian Tutkimuskeskus VTT OY	18/06/2021	4168836	21736002.3	
4168915	Philip Morris Products, S.A.	22/06/2021	4168915	21734228.6	
4170085	LG Electronics Inc.	07/06/2021	4170085	21828804.1	
4170202	VOLVO TRUCK CORPORATION	20/10/2021	4170202	21203774.1	
4170237	RTX Corporation	21/10/2022	4170237	22203152.8	
4170318	Carrier Corporation	17/10/2022	4170318	22202028.1	
4170479	STMICROELECTRONICS (GRENOBLE 2) SAS	10/10/2022	4170479	22200590.2	French
4171577	Bristol-Myers Squibb Company	22/06/2021	4171577	21828315.8	
4172390	Teso, Carlo	15/06/2021	4172390	21736754.9	
4172453	Centor Design Pty Ltd	28/06/2021	4172453	21833028.0	
4172775	Amazon Technologies, Inc.	24/06/2021	4172775	21743348.1	
4172948	Snap Inc.	25/06/2021	4172948	21830030.9	
4173172	Microsoft Technology Licensing, LLC	05/05/2021	4173172	21727748.2	
4173225	Telefonaktiebolaget LM Ericsson (publ)	26/06/2020	4173225	20735352.5	
4174522	DENSO CORPORATION Carnegie Mellon University	24/10/2022	4174522	22203282.3	
4174539	Scantinel Photonics GmbH	16/09/2022	4174539	22196020.6	
4174635	Beijing Xiaomi Mobile Software Co., Ltd.	30/09/2022	4174635	22199223.3	

4175227	Nokia Solutions and Networks Oy	26/10/2022	4175227	22203769.9	
4175238	Schneider Electric Industries SAS	27/10/2021	4175238	21306503.0	
4176107	Friedrich-Alexander-Universität Erlangen-Nürnberg	24/06/2021	4176107	21739290.1	German
4176344	ORANGE	02/07/2021	4176344	21748914.5	French
4176561	Hewlett-Packard Development Company, L.P.	07/12/2020	4176561	20942752.5	
4176568	Cisco Technology, Inc.	22/06/2021	4176568	21742613.9	
4177494	Otis Elevator Company	03/11/2022	4177494	22205274.8	
4177517	RIDI-LEUCHTEN GmbH	08/11/2022	4177517	22206156.6	German
4177519	RIDI-LEUCHTEN GmbH	08/11/2022	4177519	22206151.7	German
4177537	DAIKIN INDUSTRIES, LTD.	05/07/2021	4177537	21833426.6	
4177687	Rockwell Automation Technologies, Inc.	04/11/2022	4177687	22205547.7	
4179353	Telefonaktiebolaget LM ERICSSON (PUBL)	02/07/2021	4179353	21739635.7	
4179968	NXP B.V.	21/10/2022	4179968	22202978.7	
4180204	Sintokogio, Ltd.	26/10/2022	4180204	22203811.9	
4180370	HITACHI HIGH-TECH CORPORATION	05/03/2021	4180370	21838744.7	
4180607	Gretsch-Unitas GmbH Baubeschläge	24/10/2022	4180607	22203344.1	German
4181335	Komax Holding AG	15/11/2021	4181335	21208292.9	German
4181465	Nokia Technologies Oy	17/10/2022	4181465	22201765.9	
4181743	Société des Produits Nestlé S.A.	24/06/2021	4181743	21735689.8	
4182063	ORTA DOGU TEKNIK UNIVERSITESI	24/08/2021	4182063	21862234.8	
4182740	Signify Holding B.V.	13/07/2021	4182740	21740101.7	
4182946	Bayer HealthCare LLC	08/07/2021	4182946	21749926.8	
4183174	Google LLC	04/08/2021	4183174	21759484.5	
4183636	NIPPON STEEL CORPORATION	15/10/2021	4183636	21882716.0	
4183798	The U.S.A. as represented by the Secretary, Department of Health and Human Services	09/01/2018	4183798	22204578.3	
4183824	FEELIT TECHNOLOGIES LTD.	11/12/2018	4183824	22172896.7	
4184024	NOK Corporation	10/05/2021	4184024	21845891.7	
4184544	Xiamen Hongfa Electric Power Controls Co., Ltd.	14/11/2022	4184544	22275143.0	
4184859	SAP SE	17/11/2022	4184859	22208118.4	
4185397	L & M Radiator, Inc.	23/07/2021	4185397	21846858.5	
4185694	Johann Wolfgang Goethe-Universität Frankfurt	23/07/2021	4185694	21751524.6	
4186780	The Boeing Company	28/11/2022	4186780	22209904.6	
4186982	Miltenyi Biotec B.V. & Co. KG	24/11/2021	4186982	21210099.4	
4187275	NXP USA, Inc.	04/11/2022	4187275	22205618.6	
4187415	STMicroelectronics Application GmbH STMicroelectronics International N.V. STMicroelectronics S.r.l.	02/11/2022	4187415	22205161.7	
4187425	Phytium Technology Co., Ltd.	23/11/2022	4187425	22209118.3	
4187507	ASICS Corporation	11/11/2022	4187507	22207044.3	
4187791	Xilinx, Inc.	11/08/2020	4187791	23152925.6	
4188148	Aplix	12/07/2021	4188148	21749677.7	French
4188483	SHL Medical AG	12/07/2021	4188483	21742390.4	
4188484	Laboratoires Vivacy	23/07/2021	4188484	21751527.9	French
4188761	PIËCH IP AG	28/07/2021	4188761	21751573.3	German
4189005	Clariant International Ltd	15/07/2021	4189005	21745783.7	
4189391	Siemens Healthcare Diagnostics, Inc.	15/07/2021	4189391	21848824.5	
4189643	SurgVision GmbH	27/07/2021	4189643	21749822.9	
4190005	CelIXion Ltd	03/08/2021	4190005	21759257.5	
4190394	Boston Scientific Neuromodulation Corporation	23/10/2017	4190394	22212113.9	
4190476	Universität Stuttgart	10/11/2022	4190476	22206795.1	German
4190494	Panasonic Intellectual Property Management Co., Ltd.	24/06/2021	4190494	21850550.1	

4190960	CHONGQING HAIER DRUM WASHING MACHINE CO., LTD. HAIER SMART HOME CO., LTD.	09/08/2021	4190960	21860109.4	
4191067	Hamilton Sundstrand Corporation	28/11/2022	4191067	22210038.0	
4191218	Fuji Electric Co., Ltd.	19/08/2021	4191218	21954240.4	
4191351	Hilti Aktiengesellschaft	01/12/2021	4191351	21211559.6	German
4191704	LG Energy Solution, Ltd.	19/08/2021	4191704	21858622.0	
4191732	HITACHI HIGH-TECH CORPORATION	29/07/2020	4191732	20947705.8	
4192077	China Mobile Communication Co., Ltd Research Institute CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.	11/08/2021	4192077	21855572.0	
4192139	Telefonaktiebolaget LM ERICSSON (PUBL)	30/06/2014	4192139	22211563.6	
4192317	BSH Hausgeräte GmbH	20/07/2021	4192317	21746725.7	German
4192356	Fresenius Medical Care Holdings, Inc.	27/10/2021	4192356	21895322.2	
4193033	Gilmore Technologies, LLC	05/08/2021	4193033	21762877.5	
4193261	Telefonaktiebolaget LM Ericsson (publ)	07/08/2020	4193261	20754228.3	
4193318	IFP Energies nouvelles	15/07/2021	4193318	21745773.8	French
4193340	Effedi Meccanotek S.r.l.	29/07/2021	4193340	21749342.8	
4193800	Comcast Cable Communications, LLC	05/08/2021	4193800	21769213.6	
4194062	Wilson Sporting Goods Co.	08/11/2022	4194062	22206217.6	
4194119	Seti-Tec Kawasaki Heavy Industries, Ltd.	06/12/2022	4194119	22211822.6	French
4194231	Bridgestone Europe NV/SA	13/12/2021	4194231	21214037.0	
4194666	RTX Corporation	28/11/2022	4194666	22210021.6	
4195156	Imagination Technologies Limited	30/11/2022	4195156	22210668.4	
4195321	SK On Co., Ltd.	06/12/2022	4195321	22211795.4	
4195412	Samsung Electronics Co., Ltd.	06/09/2021	4195412	21867071.9	
4195555	QUALCOMM Incorporated	14/10/2020	4195555	23154599.7	
4195913	Vertical Future Limited	23/09/2021	4195913	21801601.2	
4196408	British Polythene Limited	12/08/2021	4196408	21778189.7	
4197957	KOBELCO CONSTRUCTION MACHINERY CO., LTD.	16/09/2021	4197957	21882485.2	
4198788	Bayerische Motoren Werke Aktiengesellschaft	14/12/2021	4198788	21214218.6	
4198841	NTT, Inc.	18/09/2020	4198841	20954194.5	
4198924	Intuit Inc.	29/06/2022	4198924	22181897.4	
4199261	Airbus SAS	14/12/2021	4199261	21214323.4	
4199264	Panasonic Wanbao Appliances Compressor (Guangzhou) Co., Ltd.	10/03/2021	4199264	21855077.0	
4199479	BRIGHT DATA LTD.	16/08/2018	4199479	22215749.7	
4199690	CNH Industrial Belgium NV	24/08/2021	4199690	21773216.3	
4199842	MicroVenton, Inc.	20/08/2021	4199842	21859244.2	
4200010	Cochlear Limited	18/08/2021	4200010	21857880.5	
4200412	Precision BioSciences, Inc.	20/08/2021	4200412	21769604.6	
4200620	Evident Canada, Inc.	19/08/2021	4200620	21859445.5	
4201289	LG Electronics Inc.	19/05/2017	4201289	22217266.0	
4201548	Alfra GmbH	22/12/2022	4201548	22020620.5	German
4202306	Ansaldo Energia Switzerland AG	27/12/2021	4202306	21217779.4	
4202395	Siemens Gamesa Renewable Energy A/S Hydac A/S	21/12/2021	4202395	21216378.6	
4202505	Dai Nippon Printing Co., Ltd.	03/08/2021	4202505	21858162.7	
4202587	WAYMO LLC	09/12/2022	4202587	22212529.6	
4202644	AB Initio Technology LLC	22/05/2018	4202644	23156996.3	
4203151	LG Energy Solution, Ltd.	14/06/2022	4203151	22825405.8	
4203704	Cargill, Incorporated	31/08/2021	4203704	21778625.0	
4203781	London Health Sciences Centre Research Inc.	26/08/2021	4203781	21859468.7	
4203822	Karl Leibinger Asset Management GmbH & Co. KG	13/12/2021	4203822	21835308.4	German
4203950	Les Laboratoires Servier	26/08/2021	4203950	21783084.3	

4204235	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	30/07/2021	4204235	21752541.9	German
4204406	Symrise AG	12/08/2021	4204406	21763295.9	German
4204670	Innio Jenbacher GmbH & Co OG	28/08/2020	4204670	20767950.7	
4204789	GrainSense Oy	30/07/2021	4204789	21765963.0	
4204977	Advanced Micro Devices, Inc.	03/08/2021	4204977	21862343.7	
4205007	Winter International, LLC	02/07/2021	4205007	21751891.9	
4205092	ecoATM, LLC	24/08/2021	4205092	21773430.0	
4205348	Telefonaktiebolaget LM Ericsson (publ)	26/08/2020	4205348	20761838.0	
4205526	CNH Industrial Belgium NV	13/12/2022	4205526	22213101.3	
4205579	Shenzhen Huachengda Precision Industry Co., Ltd.	23/07/2021	4205579	21950574.0	
4205626	LG Electronics Inc.	22/12/2022	4205626	22215737.2	
4206306	ECO Circular S.r.l.	29/12/2022	4206306	22217215.7	
4206477	Trane International Inc.	15/12/2022	4206477	22213797.8	
4206532	ANSALDO ENERGIA S.p.A.	30/12/2021	4206532	21425076.3	
4206538	Ansaldo Energia Switzerland AG	30/12/2021	4206538	21218292.7	
4207078	Kodak Alaris Inc.	20/01/2009	4207078	22197434.8	
4207101	FUJITSU LIMITED	14/09/2022	4207101	22195572.7	
4207355	Panasonic Energy Co., Ltd.	19/08/2021	4207355	21861363.6	
4207469	Lg Chem, Ltd.	27/09/2021	4207469	21872988.7	
4207475	NINGDE AMPEREX TECHNOLOGY LIMITED	30/09/2020	4207475	20955718.0	
4207829	VOLKSWAGEN AG Seat, S.A.	30/12/2021	4207829	21218319.8	
4208221	Sanofi	25/03/2021	4208221	21713682.9	
4208226	Janssen Pharmaceutica NV	31/08/2021	4208226	21773002.7	
4208853	Sun Chemical Corporation	02/09/2021	4208853	21790654.4	
4209246	QuadMedicine, Inc.	07/10/2022	4209246	22200390.7	
4209375	Motherson Innovations Company Ltd.	16/11/2022	4209375	22207845.3	
4209438	Toshiba TEC Kabushiki Kaisha	02/08/2021	4209438	21864017.5	
4209793	NXP B.V.	23/12/2022	4209793	22216606.8	
4209835	Wuhan Boe Optoelectronics Technology Co., Ltd. BOE Technology Group Co., Ltd.	06/04/2021	4209835	21935493.3	
4210448	Fuji Corporation	23/03/2017	4210448	23158661.1	
4210486	Axogen Corporation	20/10/2021	4210486	21816216.2	
4210607	Galvanize Therapeutics, Inc.	05/05/2021	4210607	21727761.5	
4210890	Weez-U Welding	31/08/2021	4210890	21762328.9	French
4211113	Centre National de la Recherche Scientifique Etat Français, Service de Santé des Armées représenté par le délégué général de l'armement DGA/S2IE/SDSIE/BPI Université de Strasbourg	09/09/2021	4211113	21773405.2	
4211608	etifix GmbH	30/08/2021	4211608	21769433.0	German
4211663	MedImmune Limited	13/09/2021	4211663	21777496.7	
4211665	Deere & Company	12/10/2021	4211665	21802534.4	
4211707	Physik Instrumente (PI) SE & Co. KG	13/09/2021	4211707	21799188.4	German
4212378	Hyundai Mobis Co., Ltd.	27/12/2022	4212378	22216818.9	
4212586	Sinopec Chongqing SVW Chemical Co., Ltd. China Petroleum & Chemical Corporation	14/10/2021	4212586	21879500.3	
4212602	Itelyum Regeneration S.p.A.	10/01/2023	4212602	23150889.6	
4212920	NTT, Inc.	12/10/2020	4212920	20957586.9	
4212945	Goertek Optical Technology Co., Ltd.	21/12/2021	4212945	21957713.7	
4213921	ResMed Asia Pte. Ltd.	17/09/2021	4213921	21867952.0	
4213958	Waters Technologies Corporation	16/09/2021	4213958	21789988.9	
4214777	Samsung Display Co., Ltd.	17/09/2021	4214777	21785785.3	
4214779	Samsung Display Co., Ltd.	17/09/2021	4214779	21785787.9	
4215333	Productos Concentrol, S.A.	24/01/2022	4215333	22382045.7	
4215895	EXFO Inc.	12/01/2023	4215895	23151374.8	

4216400	Zi Yi Electrical Engineering Co., Ltd.	25/01/2022	4216400	22153201.3	
4216786	Hilti Aktiengesellschaft	09/09/2021	4216786	21777425.6	German
4217439	Shoei Chemical Inc.	28/09/2021	4217439	21795163.1	
4217871	Siemens Aktiengesellschaft	15/11/2021	4217871	21815407.8	German
4218371	ModularMC, LLC	08/09/2021	4218371	21786683.9	
4218531	Boston Scientific Medical Device Limited	01/11/2019	4218531	23161081.7	
4218644	Pulse Biosciences, Inc.	19/09/2017	4218644	23169642.8	
4218678	Twelve, Inc.	30/05/2018	4218678	23163924.6	
4218790	UCB Holdings, Inc.	07/12/2016	4218790	22216383.4	
4219275	Deere & Company	26/09/2022	4219275	22197813.3	German
4221287	QUALCOMM Incorporated	03/04/2019	4221287	23164983.1	
4221337	NEC Corporation	20/06/2019	4221337	23178032.1	
4221536	Borsari, Giampiero	27/09/2021	4221536	21794960.1	
4222477	Szegedi Tudományegyetem	27/09/2021	4222477	21830484.8	
4223359	Esh, Mordechay Arbel, Giora	09/12/2014	4223359	23173630.7	
4223591	Ichikoh Industries, Ltd.	30/09/2021	4223591	21875803.5	
4223917	Kolon Industries, Inc.	28/10/2021	4223917	21886848.7	
4225006	Samsung Display Co., Ltd.	28/04/2017	4225006	23166157.0	
4225404	Bayer Healthcare LLC	15/09/2021	4225404	21787240.7	
4225540	BOBST MEX SA	01/10/2021	4225540	21773681.8	
4225688	BWT Holding GmbH	08/10/2021	4225688	21787470.0	German
4226074	GAZTRANSPORT ET TECHNIGAZ	07/10/2021	4226074	21790136.2	French
4226094	Werkhaus GmbH & Co. KG	06/10/2021	4226094	21790417.6	German
4226241	Microsoft Technology Licensing, LLC	13/07/2021	4226241	21752313.3	
4226248	AVL List GmbH	11/10/2021	4226248	21806944.1	German
4226887	Intuitive Surgical Operations, Inc.	14/12/2015	4226887	23173115.9	
4226986	Nintendo Co., Ltd.	27/10/2022	4226986	22204037.0	
4226988	Panasonic Intellectual Property Management Co., Ltd.	03/08/2021	4226988	21877221.8	
4227578	Xiamen PVTECH Co., Ltd.	15/07/2022	4227578	22185332.8	
4227658	National University Corporation Kagawa University	07/10/2021	4227658	21879963.3	
4228846	Linde GmbH	06/10/2021	4228846	21793854.7	German
4229019	ML7 Entwicklungs GmbH	14/10/2021	4229019	21798299.0	German
4229394	SOUTHWEST RESEARCH INSTITUTE	15/12/2021	4229394	21908033.0	
4229459	Viaphoton, Inc.	15/10/2021	4229459	21806554.8	
4229507	Google LLC	21/12/2020	4229507	20842511.6	
4229550	TOTALENERGIES ONETECH	19/10/2021	4229550	21794570.8	
4229768	Nokia Technologies Oy	15/10/2020	4229768	20793332.6	
4229836	Zoom Communications, Inc.	06/10/2021	4229836	21811163.1	
4229945	InterDigital Patent Holdings, Inc.	15/10/2021	4229945	21811175.5	
4230533	AstroScale Japan Inc.	06/10/2021	4230533	21879948.4	
4230590	BKT Co., Ltd.	09/11/2021	4230590	21892286.2	
4230796	Hamm AG	05/11/2021	4230796	23184354.1	German
4231148	Samsung Electronics Co., Ltd.	11/11/2021	4231148	21892348.0	
4231318	A.F.W. Co., Ltd.	23/05/2022	4231318	22174821.3	
4231612	Honor Device Co., Ltd.	24/08/2022	4231612	22871741.9	
4231817	AUTOMATED PET CARE PRODUCTS, LLC D/B/A WHISKER	25/10/2021	4231817	21819267.2	
4232125	SHL Medical AG	19/10/2021	4232125	21790223.8	
4232518	Samsung Electronics Co., Ltd	18/10/2021	4232518	21815913.5	
4232868	Lumus Ltd.	19/05/2022	4232868	22805449.0	
4233420	Apple Inc.	21/10/2020	4233420	20958084.4	
4233723	Becton, Dickinson and Company	09/07/2015	4233723	23180677.9	
4233785	Merz Dental GmbH	09/11/2012	4233785	23177662.6	German
4234813	Hamm AG	25/09/2018	4234813	23178851.4	German
4235356	Samsung Electronics Co., Ltd.	25/11/2021	4235356	21900922.2	
4235491	Tencent Technology (Shenzhen) Company Limited	15/03/2022	4235491	22787315.5	
4235495	CANON KABUSHIKI KAISHA	19/07/2021	4235495	23169691.5	
4235523	Accenture Global Solutions Limited	03/02/2023	4235523	23154810.8	

4236366	LG Display Co., Ltd.	31/08/2018	4236366	23181011.0	
4236562	Sony Group Corporation	27/11/2017	4236562	23168476.2	
4236588	Malikie Innovations Limited	06/03/2014	4236588	23174941.7	
4236911	Unilever Global IP Limited	05/10/2021	4236911	21782573.6	
4237017	Näslund, Ingemar	17/11/2021	4237017	21811539.2	
4237059	Becton, Dickinson and Company	18/10/2021	4237059	21805799.0	
4237090	Board of Regents, The University of Texas System	27/10/2021	4237090	21887441.0	
4237396	Givaudan SA	29/10/2021	4237396	21809931.5	
4237473	ISI Energy, Inc.	28/04/2021	4237473	21889767.6	
4237658	Weatherford Technology Holdings, LLC	08/10/2021	4237658	21802111.1	
4237670	Maersk A/S	29/10/2021	4237670	21885403.2	
4237690	Edwards Limited	28/10/2021	4237690	21807223.9	
4237812	Microsoft Technology Licensing, LLC	29/10/2021	4237812	21807473.0	
4238284	Microsoft Technology Licensing, LLC	11/08/2021	4238284	21765776.6	
4238516	Shanghai Microport Rotapace Medtech Co., Ltd.	01/11/2021	4238516	21896722.2	
4238536	Lifetech Scientific (Shenzhen) Co., Ltd.	28/06/2017	4238536	23187297.9	
4238687	TRUMPF Werkzeugmaschinen SE + Co. KG	28/02/2023	4238687	23159246.0	German
4238853	WSoptics technologies GmbH thyssenkrupp Presta Aktiengesellschaft thyssenkrupp AG	02/03/2022	4238853	22159584.6	German
4238919	Hitachi, Ltd.	04/10/2021	4238919	21885824.9	
4239309	VRAIA CORP, S.L.	29/12/2020	4239309	23187430.6	
4239803	Amphenol-Tuchel Electronics GmbH	28/02/2023	4239803	23159042.3	German
4239910	EFFECT Photonics B.V.	03/03/2022	4239910	22160033.1	
4239986	Samsung Electronics Co., Ltd.	16/11/2021	4239986	21915518.1	
4240182	JT International SA	27/10/2021	4240182	21801504.8	
4240479	Charité Universitätsmedizin Berlin	08/11/2021	4240479	21811264.7	
4240534	Flottweg SE	09/11/2021	4240534	21810548.4	German
4240734	University Court of The University of St Andrews	03/11/2021	4240734	21810704.3	
4241441	Snap Inc.	04/11/2021	4241441	21890334.2	
4241523	Nokia Technologies Oy	06/11/2020	4241523	20803525.3	
4241804	Bayer HealthCare LLC	24/08/2016	4241804	23166368.3	
4242637	Universität des Saarlandes Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	02/03/2016	4242637	23182756.9	German
4242708	Samsung Electronics Co., Ltd.	02/12/2020	4242708	23188057.6	
4242725	TriLite Technologies GmbH	09/03/2022	4242725	22161030.6	
4242753	ETA SA Manufacture Horlogère Suisse	11/03/2022	4242753	22161630.3	French
4242808	Samsung Display Co., Ltd.	30/09/2019	4242808	23182459.0	
4243033	Guangdong Nuclear Power Joint Venture Co., Ltd. China General Nuclear Power Corporation China Nuclear Power Engineering Co., Ltd. CGN Power Co., Ltd.	09/12/2020	4243033	20935478.6	
4243038	Nexans	10/03/2022	4243038	22305271.3	
4243118	LG Energy Solution, Ltd.	01/08/2022	4243118	22858635.0	
4243179	Eve Power Co., Ltd.	12/10/2022	4243179	22818171.5	
4243325	InterDigital Patent Holdings, Inc.	15/11/2018	4243325	23182425.1	
4243613	Weedbot, Sia	11/11/2021	4243613	21810986.6	
4243899	SHL Medical AG	29/10/2021	4243899	21802654.0	
4244144	Espera-Werke GmbH	21/10/2021	4244144	21798984.7	German
4244558	Saipem S.p.A.	03/11/2021	4244558	21810735.7	
4245014	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. Universität des Saarlandes	12/11/2021	4245014	21811290.2	German
4245069	QUALCOMM INCORPORATED	12/11/2021	4245069	21824246.9	
4245447	UNION TOOL CO.	14/12/2022	4245447	22213386.0	
4245966	PRATT & WHITNEY CANADA CORP.	17/03/2023	4245966	23162744.9	

4247208	Imbox Protection A/S	18/11/2021	4247208	21815908.5	
4247302	Medtronic, Inc.	22/11/2021	4247302	21827808.3	
4247678	Furion	16/11/2021	4247678	21811035.1	French
4247680	Mobileye Vision Technologies Ltd.	19/11/2021	4247680	21894106.0	
4247724	BERICAP Holding GmbH	12/11/2021	4247724	21815403.7	German
4249159	Herrmann Ultraschalltechnik GmbH & Co. KG	01/03/2023	4249159	23159322.9	German
4249190	Fujimiyaseisakusho Co., Ltd.	19/01/2023	4249190	23707846.4	
4249861	Xi'An Dinghua Electronics Co., Ltd.	07/05/2021	4249861	21912808.9	
4250007	Molecular Imprints, Inc.	24/08/2017	4250007	23190027.5	
4250079	FUJIFILM Business Innovation Corp.	27/07/2022	4250079	22187164.3	
4250271	The Boeing Company	14/03/2023	4250271	23161806.7	
4250602	YAMAHA CORPORATION	17/03/2023	4250602	23162668.0	
4250765	Oticon A/S	23/03/2023	4250765	23163644.0	
4250857	Sony Group Corporation	16/08/2017	4250857	23191376.5	
4250977	KT&G Corporation	22/11/2021	4250977	21898531.5	
4251126	Capsugel Belgium NV	25/11/2021	4251126	21806613.2	
4251267	Pelviray IP Ltd	24/11/2021	4251267	21806117.4	
4251868	IFP Energies nouvelles	15/11/2021	4251868	21811325.6	French
4251990	Evident Canada, Inc.	24/11/2021	4251990	21895997.1	
4252744	Kao Corporation	30/11/2021	4252744	21898185.0	
4253761	Hamilton Sundstrand Corporation	30/03/2023	4253761	23165698.4	
4254153	FUJIFILM Business Innovation Corp.	22/09/2022	4254153	22197153.4	
4254160	FUJIFILM Business Innovation Corp.	30/08/2022	4254160	22192954.0	
4254213	BEIJING BAIDU NETCOM SCIENCE TECHNOLOGY CO., LTD.	28/06/2022	4254213	22862371.6	
4254264	Feedpool Technology Co., Ltd.	31/03/2023	4254264	23166237.0	
4254585	LG Energy Solution, Ltd.	21/10/2022	4254585	22893061.6	
4254805	Imagination Technologies Limited	27/03/2023	4254805	23164304.0	
4254954	Dolby International AB	17/03/2014	4254954	23192629.6	
4254985	GN Hearing A/S	31/03/2022	4254985	22165766.1	
4255249	Briggs & Riley Travelware LLC	30/11/2021	4255249	21901298.6	
4255345	Axiles Bionics BV	06/12/2021	4255345	21823577.8	
4255363	Munevo GmbH	10/11/2021	4255363	21807100.9	German
4255397	AstraZeneca AB Ardelyx, Inc.	06/12/2021	4255397	21835087.4	
4255538	Sanofi	01/12/2021	4255538	21819139.3	
4255671	Hilti Aktiengesellschaft	17/11/2021	4255671	21814765.0	German
4255672	Hilti Aktiengesellschaft	17/11/2021	4255672	21814766.8	German
4256368	Seyond, Inc.	23/02/2022	4256368	22748115.7	
4256422	Apple Inc.	29/12/2021	4256422	21854915.2	
4256801	Kamstrup A/S	23/11/2021	4256801	21810386.9	
4256895	Telit Cinterion Deutschland GmbH	30/11/2021	4256895	21823540.6	
4256994	Wenaas Workwear AS	31/03/2023	4256994	23165930.1	
4257169	ResMed Pty Ltd	29/02/2008	4257169	23169714.5	
4257434	VOLVO TRUCK CORPORATION	07/04/2022	4257434	22167153.0	
4257488	B/E Aerospace, Inc.	15/03/2023	4257488	23162154.1	
4257768	Generation Concept Stiftung	06/04/2023	4257768	23167090.2	German
4257991	Illinois Tool Works Inc.	21/03/2023	4257991	23163067.4	German
4258544	Alma Mater Studiorum Universita di Bologna STMicroelectronics S.r.l.	03/04/2023	4258544	23166296.6	
4258558	Apple Inc.	23/03/2023	4258558	23163879.2	
4259092	Société d'Exploitation de Produits pour les Industries Chimiques SEPPIC	30/11/2021	4259092	21816481.2	French
4259124	Marin, Frédéric	10/12/2021	4259124	21835282.1	
4259389	Schaeffler Technologies AG & Co. KG	08/12/2021	4259389	21830936.7	German
4259517	Hausbootgeist GbR Geiger, Stefan Geiger, Silvia	02/12/2021	4259517	21836353.9	German
4259872	Miele & Cie. KG	30/11/2021	4259872	21823825.1	German
4260033	Bray International, Inc.	10/12/2021	4260033	21836732.4	

4260089	Valeo Schalter und Sensoren GmbH	01/12/2021	4260089	21824326.9	German
4260118	Nanolive SA	13/12/2021	4260118	21839099.5	
4260161	Advanced Micro Devices, Inc.	03/12/2021	4260161	21907459.8	
4260821	Stryker European Operations Limited	20/12/2019	4260821	23195637.6	
4260899	Shenzhen Ulike Smart Electronics Co., Ltd.	19/08/2022	4260899	22871709.6	
4261034	VOLVO TRUCK CORPORATION	12/04/2022	4261034	22167832.9	
4261082	Foshan Baitai Auto Accessories Co., Ltd	19/07/2022	4261082	22185637.0	
4261410	Siemens Aktiengesellschaft	30/03/2023	4261410	23165337.9	German
4261575	FUJIFILM Corporation	28/10/2021	4261575	21903050.9	
4261992	SK On Co., Ltd.	20/03/2023	4261992	23162868.6	
4262035	Yazaki Systems Technologies GmbH	06/04/2023	4262035	23167115.7	German
4262528	Kenvue Brands LLC	30/11/2021	4262528	21835477.7	
4262562	Snap Inc.	10/12/2021	4262562	21854727.1	
4263943	Ammann Schweiz AG	11/12/2021	4263943	21839819.6	
4263979	ZODIAC POOL SYSTEMS LLC	02/12/2021	4263979	21836681.3	
4264302	Electricité de France	16/12/2021	4264302	21848279.2	French
4265053	QUALCOMM INCORPORATED	03/12/2021	4265053	21835138.5	
4265402	Intex Marketing Ltd.	13/12/2018	4265402	23195106.2	
4265475	KOITO MANUFACTURING CO., LTD.	09/12/2021	4265475	21906502.6	
4265864	SAINT-GOBAIN ISOVER	18/04/2023	4265864	23168539.7	French
4265953	Vivo Mobile Communication Co., Ltd.	10/12/2021	4265953	21905624.9	
4266165	Dell Products L.P.	27/05/2022	4266165	22175866.7	
4266395	Zhuhai CosMX Battery Co., Ltd.	11/03/2022	4266395	22766386.1	
4266716	Tencent Technology (Shenzhen) Company Limited	26/05/2022	4266716	22831539.6	
4266752	Telefonaktiebolaget LM Ericsson (publ)	03/05/2018	4266752	23183303.9	
4266932	KT&G Corporation	14/12/2021	4266932	21911367.7	
4267268	Omidi, Nader	28/12/2020	4267268	20968149.3	
4268022	Hewlett-Packard Development Company, L.P.	11/03/2021	4268022	21930561.2	
4268167	Vocalink International Limited	17/11/2021	4268167	21815462.3	
4268416	Microsoft Technology Licensing, LLC	01/11/2021	4268416	21815760.0	
4268735	Ethicon LLC	29/04/2020	4268735	23192874.8	
4269054	Martin Schwarzenbeck & Co. Bauunternehmung und Betonwerk GmbH & Co. KG	04/04/2023	4269054	23166451.7	German
4269231	Airbus Operations GmbH	29/04/2022	4269231	22170815.9	German
4269956	Malema Engineering Corporation	06/04/2023	4269956	23167175.1	
4270097	MDCO Technology Limited	27/02/2023	4270097	23158898.9	
4270317	ASICS Corporation	25/04/2023	4270317	23169899.4	
4270647	Fuba Automotive Electronics GmbH	19/04/2023	4270647	23168673.4	German
4270828	LG Electronics Inc.	01/07/2021	4270828	21911163.0	
4270887	Samsung Electronics Co., Ltd.	27/10/2022	4270887	22203996.8	
4271241	Arçelik Anonim Sirketi	08/07/2021	4271241	21915990.2	
4271750	Bridgestone Corporation	27/12/2021	4271750	21915351.7	
4271874	LG Electronics Inc.	30/12/2021	4271874	21915861.5	
4271908	Boart Longyear Manufacturing and Distribution Inc.	21/12/2021	4271908	21916235.1	
4272034	3M Innovative Properties Company	28/12/2021	4272034	21841020.7	
4272158	HB Innovations, Inc.	29/09/2021	4272158	21916125.4	
4272163	Teledyne Flir, LLC	30/12/2021	4272163	21847655.4	
4272333	FLIR Unmanned Aerial Systems ULC	22/12/2021	4272333	21847664.6	
4272999	QUALCOMM INCORPORATED	05/10/2018	4272999	23194171.7	
4273407	TS Tech Co., Ltd.	26/04/2023	4273407	23169944.8	German
4273486	Vaillant GmbH	23/08/2013	4273486	23170015.4	
4273577	TruMed Systems, Inc.	02/07/2021	4273577	21912985.5	
4273593	Hesai Technology Co., Ltd.	29/12/2021	4273593	21914462.3	
4273793	Vivo Mobile Communication Co., Ltd.	15/08/2019	4273793	23192144.6	
4274036	Hyperfine, Inc.	28/03/2023	4274036	23164717.3	German
4274572	MD ELEKTRONIK GmbH	19/11/2021	4274572	21917385.3	
4275087	Zydyus Lifesciences Limited	05/01/2022	4275087	22701066.7	
	ATRIVIOM PRIVATE LIMITED				

4275587	Visionapp Solutions S.L.	25/04/2019	4275587	23200811.0	
4275786	Fudan University	09/05/2022	4275786	22172282.0	
4276210	NIPPON STEEL CORPORATION	31/03/2022	4276210	22781217.9	
4276286	RTX Corporation	15/05/2023	4276286	23173360.1	
4276425	Becton, Dickinson and Company	08/09/2015	4276425	23188670.6	
4276557	BOBST MEX SA	09/05/2022	4276557	22172319.0	
4276579	LG Display Co., Ltd.	17/10/2019	4276579	23199746.1	
4276634	Samsung Electronics Co., Ltd.	04/05/2023	4276634	23171470.0	
4277033	Samsung Electronics Co., Ltd.	01/04/2022	4277033	22781711.1	
4277218	Nokia Solutions and Networks Oy	28/04/2023	4277218	23170630.0	
4277242	Cisco Technology, Inc.	15/06/2017	4277242	23186051.1	
4277252	Apple Inc.	31/03/2021	4277252	23199956.6	
4278118	The Oil Gear Company	12/01/2022	4278118	22739998.7	
4278163	Unisers Ltd	13/12/2021	4278163	21831112.4	
4278444	QUALCOMM INCORPORATED	15/12/2021	4278444	21854919.4	
4278572	QUALCOMM INCORPORATED	13/01/2022	4278572	22703533.4	
4278697	QUALCOMM INCORPORATED	14/01/2022	4278697	22702577.2	
4278715	QUALCOMM INCORPORATED	18/01/2021	4278715	21918663.2	
4278763	QUALCOMM INCORPORATED	18/01/2022	4278763	22703203.4	
4278783	Apple Inc.	14/01/2021	4278783	21918449.6	
4278978	Universität Basel	17/05/2022	4278978	22173675.4	
4279109	Fisher & Paykel Healthcare Limited	07/05/2014	4279109	23201079.3	
4279118	Daiwa Can Company	17/11/2021	4279118	21919553.4	
4279866	Saint-Gobain Do Brasil Produtos Industriais E Para Construcao Ltda	11/01/2022	4279866	22738852.7	
4280000	The Swatch Group Research and Development Ltd	18/05/2022	4280000	22174146.5	French
4280001	The Swatch Group Research and Development Ltd	20/05/2022	4280001	22174689.4	French
4280461	Changxin Memory Technologies, Inc.	18/05/2022	4280461	22757469.6	
4280513	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	24/03/2021	4280513	21932132.0	
4281025	Alcon Inc.	13/01/2022	4281025	22700267.2	
4281152	CONMED Corporation	20/01/2022	4281152	22743144.2	
4281612	Noivita S.R.L.S.	05/08/2021	4281612	21763133.2	
4282372	Straumann Holding AG	17/12/2019	4282372	23202322.6	German
4282672	Zhejiang Geely Holding Group Co., Ltd. Ningbo Geely Automobile Research & Development Co. Ltd.	21/01/2021	4282672	21920249.6	
4282703	Motional AD LLC	26/04/2019	4282703	23203897.6	
4282918	Denka Company Limited	18/02/2022	4282918	22759522.0	
4283309	Laserssel Co., Ltd	24/10/2022	4283309	22203345.8	
4283435	STMicroelectronics S.r.l.	11/05/2023	4283435	23172824.7	
4283586	Honeywell International Inc.	22/05/2023	4283586	23174462.4	
4283597	Weidmüller Interface GmbH & Co. KG	04/05/2023	4283597	23171585.5	German
4283783	Honor Device Co., Ltd.	17/08/2022	4283783	22863155.2	
4283962	Samsung Electronics Co., Ltd.	24/12/2021	4283962	21926925.5	
4283963	Samsung Electronics Co., Ltd.	29/03/2023	4283963	23714464.7	
4283979	Samsung Electronics Co., Ltd.	03/05/2022	4283979	22799086.8	
4284244	Fisika Inc.	26/01/2022	4284244	22744959.2	
4285031	Metso Sweden AB	27/01/2022	4285031	22702252.2	
4285647	Samsung Electronics Co., Ltd.	25/10/2022	4285647	22887550.6	
4286022	OSAKA UNIVERSITY	13/12/2021	4286022	21923176.8	
4286758	Refco Manufacturing Ltd.	26/05/2023	4286758	23175591.9	
4286835	Uhlmann Pac-Systeme GmbH & Co. KG	30/05/2022	4286835	22176050.7	German
4286869	LG Energy Solution, Ltd.	12/10/2022	4286869	22887422.8	
4286949	Ricoh Company, Ltd.	25/05/2023	4286949	23175442.5	
4286995	TMRW Foundation IP SARL	30/05/2023	4286995	23176221.2	
4287166	Rockwell Collins, Inc.	24/05/2023	4287166	23175199.1	
4287795	Samsung Electronics Co., Ltd.	02/03/2022	4287795	22763572.9	
4288438	Sanofi	02/02/2022	4288438	22703615.9	
4288943	Google LLC	23/04/2021	4288943	21725344.2	

4289105	nChain Licensing AG	05/01/2022	4289105	22700720.0	
4289561	Zhang, Huading	17/01/2022	4289561	22748843.4	
4289600	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	07/06/2023	4289600	23177875.4	German
4289729	SoftBank Corp.	06/01/2022	4289729	22749405.1	
4289775	Otis Elevator Company	08/06/2022	4289775	22305829.8	
4290007	Cromatos S.r.l.	04/08/2022	4290007	22188829.0	
4290054	PRATT & WHITNEY CANADA CORP.	08/06/2023	4290054	23178281.4	
4290858	Apple Inc.	03/06/2021	4290858	23200934.0	
4291256	Ethicon, Inc	09/02/2022	4291256	22705146.3	
4293158	RAIZ - Instituto De Investigação Da Floresta E Papel Universidade de Aveiro	11/02/2022	4293158	22713444.2	
4293461	KUBOTA CORPORATION	30/05/2023	4293461	23175960.6	
4293691	Samsung Electro-Mechanics Co., Ltd.	10/11/2022	4293691	22206643.3	
4293734	Fujian Prima Optoelectronics Co., Ltd	06/06/2022	4293734	22879668.6	
4293772	LG Energy Solution Ltd.	17/11/2022	4293772	22901637.3	
4294004	Dolby Laboratories Licensing Corporation	28/07/2014	4294004	23206163.0	
4295198	Manufacture d'Horlogerie Audemars Piguet SA	18/01/2022	4295198	22700833.1	French
4295722	JV International S.r.l.	22/06/2023	4295722	23180882.5	
4296002	Techtronic Cordless GP	22/06/2023	4296002	23181061.5	
4296063	BOBST MEX SA	09/06/2023	4296063	23178329.1	
4296127	FINAN.CO. S.r.l	13/06/2023	4296127	23178825.8	
4296421	Gree Electric Appliances, Inc. of Zhuhai	18/10/2021	4296421	21926316.7	
4296638	FUJIFILM Corporation	26/01/2022	4296638	22745891.6	
4296682	HITACHI HIGH-TECH CORPORATION	19/11/2021	4296682	21926723.4	
4296756	InnoLux Corporation	22/05/2023	4296756	23174628.0	
4296831	Apple Inc.	08/05/2020	4296831	23208617.3	
4297427	Sonova AG	22/06/2022	4297427	22180375.2	
4297520	Telefonaktiebolaget LM Ericsson (publ)	08/05/2020	4297520	23178871.2	
4298195	Dow Global Technologies LLC Dow Silicones Corporation	22/02/2022	4298195	22709482.8	
4298368	Quick Fitting Holding Company, LLC	24/02/2022	4298368	22760379.2	
4298378	Signify Holding B.V.	18/02/2022	4298378	22707095.0	
4298976	LG Electronics Inc.	25/02/2022	4298976	22760118.4	
4299195	NTN Corporation	24/02/2022	4299195	22759724.2	
4301686	Crown Equipment Corporation	02/03/2022	4301686	22711839.5	
4302139	Consiglio Nazionale Delle Ricerche	23/02/2022	4302139	22710437.9	
4302465	British Telecommunications public limited company	18/02/2022	4302465	22711489.9	
4302729	SEWOON MEDICAL CO., LTD.	05/04/2021	4302729	21929282.8	
4302948	ZÜND SYSTEMTECHNIK AG	05/04/2017	4302948	23211403.3	German
4302949	ZÜND SYSTEMTECHNIK AG	05/04/2017	4302949	23211413.2	German
4303004	Hitachi Industrial Equipment Systems Co., Ltd.	01/03/2022	4303004	22763259.3	
4303125	MIRUS Aircraft Seating Ltd.	05/06/2023	4303125	23177348.2	
4303281	Woodwelding AG	11/04/2017	4303281	23209416.9	
4303490	Vaillant GmbH	04/07/2023	4303490	23183182.7	German
4303712	CANON KABUSHIKI KAISHA	16/06/2023	4303712	23179655.8	
4304535	Purewick Corporation	09/03/2022	4304535	22712214.0	
4304807	Essilor International	07/03/2022	4304807	22710407.2	
4305044	Institute Of Organic Chemistry And Biochemistry As CR, V.V.I.	01/03/2022	4305044	22714764.2	
4305105	SHPP Global Technologies B.V.	09/03/2022	4305105	22713038.2	
4305466	Consiglio Nazionale delle Ricerche	04/03/2022	4305466	22711311.5	
4305982	BYD Precision Manufacture Co., Ltd.	29/06/2023	4305982	23182550.6	
4306285	Airbus Operations, S.L.U.	15/07/2022	4306285	22382677.7	
4306346	Gi.Anso 4x4 Club S.A.	15/07/2022	4306346	22185152.0	
4306690	Toray Industries, Inc.	04/03/2022	4306690	22767046.0	
4306716	Joseph Vögele AG	14/07/2022	4306716	22184911.0	German
4306861	LG Electronics Inc.	13/07/2023	4306861	23185181.7	

4306959	Kabushiki Kaisha Yakult Honsha National University Corporation Tokai National Higher Education and Research System	17/05/2018	4306959	23210551.0	
4307027	Tobii AB	05/06/2023	4307027	23177171.8	
4307051	BIOMERIEUX Bioaster Université Jean Monnet Saint-Étienne Centre National de la Recherche Scientifique (CNRS)	24/11/2022	4307051	22209438.5	French
4307073	SMC Corporation	24/03/2022	4307073	22791466.0	
4307210	Sagemcom Broadband SAS	22/06/2023	4307210	23180980.7	French
4307374	Diodes Incorporated	12/07/2022	4307374	22184550.6	
4307516	LG Energy Solution, Ltd.	22/07/2022	4307516	22846311.3	
4307739	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	08/05/2021	4307739	21937428.7	
4307876	Amazonen-Werke H. Dreyer SE & Co. KG	08/03/2022	4307876	22711035.0	German
4307942	KT&G Corporation	03/03/2022	4307942	22771648.7	
4307943	KT&G Corporation	07/03/2022	4307943	22771657.8	
4308016	Western Clinical Engineering Ltd.	16/03/2022	4308016	22770728.8	
4308426	TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.	11/03/2022	4308426	22771965.5	
4308441	Caterpillar Inc.	28/02/2022	4308441	22712125.8	
4308491	igus SE & Co. KG	16/03/2022	4308491	22716004.1	German
4308509	ROCKWOOL A/S	14/03/2022	4308509	22712001.1	
4308878	Illinois Tool Works, Inc.	09/03/2022	4308878	22712210.8	
4308888	Woodward, Inc.	06/08/2021	4308888	21762911.2	
4308902	Nanyang Technological University	18/03/2022	4308902	22771866.5	
4308916	Safran Centre National de la Recherche Scientifique Ecole Nationale Supérieure d'Arts et Métiers (ENSAM) Sorbonne Université Conservatoire National des Arts et Métiers	23/02/2022	4308916	22710687.9	French
4309715	Nicoventures Trading Limited	25/04/2017	4309715	23211795.2	
4309904	BROTHER KOGYO KABUSHIKI KAISHA	26/03/2010	4309904	23214885.8	
4309930	Schmitz Cargobull AG	20/07/2022	4309930	22185916.8	German
4309967	AISIN CORPORATION Blue Nexus Corporation	27/01/2022	4309967	22770888.0	
4310278	NVL B.V. & Co. KG	20/07/2022	4310278	22186044.8	German
4310283	NVL B.V. & Co. KG	20/07/2022	4310283	22186034.9	German
4310333	Copeland Climate Technologies (Suzhou) Co., Ltd.	15/09/2023	4310333	23197658.0	
4310415	Zhejiang Sanhua Automotive Components Co., Ltd.	18/03/2022	4310415	22770623.1	
4310459	Surpass Industry Co., Ltd.	17/07/2023	4310459	23185812.7	
4310492	Vallourec Oil and Gas France	21/07/2022	4310492	22186321.0	
4310684	Samsung Electronics Co., Ltd.	06/06/2023	4310684	23177556.0	
4310986	LG ENERGY SOLUTION, LTD.	21/11/2022	4310986	22901645.6	
4310989	KABUSHIKI KAISHA TOSHIBA	16/03/2021	4310989	21931472.1	
4311074	Shenzhen Hello Tech Energy Co., Ltd	20/03/2023	4311074	23786458.2	
4311426	Maschinenfabrik Bernard Krone GmbH & Co. KG	19/07/2023	4311426	23186484.4	German
4311912	GE Vernova Technology GmbH	22/06/2023	4311912	23181095.3	
4312081	Envisics Ltd.	20/06/2023	4312081	23180273.7	
4312543	BIPA NV	24/03/2022	4312543	22717389.5	
4312612	KT&G Corporation	09/11/2022	4312612	22893170.5	
4312658	ELC Management LLC	14/03/2022	4312658	22776320.8	
4312693	Diversey, Inc.	31/03/2022	4312693	22719910.6	

4312861	Solventum Intellectual Properties Company	01/04/2022	4312861	22715746.8	
4312936	Koya Medical, Inc.	23/06/2022	4312936	22829513.5	
4313232	ResMed Pty Ltd	31/03/2022	4313232	22778216.6	
4313235	AUT Ventures Limited	23/03/2022	4313235	22776201.0	
4313292	Chiesi Farmaceutici S.p.A.	25/03/2022	4313292	22718185.6	
4313742	Caterpillar Inc.	18/03/2022	4313742	22715830.0	
4313842	Magni Real Estate S.r.l.	17/03/2022	4313842	22716214.6	
4314555	Waters Technologies Corporation	30/03/2022	4314555	22721163.8	
4314579	Eolotec GmbH	28/04/2022	4314579	22727756.3	German
4314761	M-PIX S.r.l.	31/03/2022	4314761	22720593.7	
4314810	Illumina, Inc.	01/03/2022	4314810	22712132.4	
4315876	Samsung Electronics Co., Ltd.	11/05/2022	4315876	22807852.3	
4317726	NSK Ltd.	29/03/2022	4317726	22780881.3	
4317745	NSK Ltd.	29/03/2022	4317745	22780888.8	
4318197	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	24/04/2022	4318197	22810280.2	
4318400	Canon Medical Systems Corporation	01/08/2023	4318400	23189007.0	
4318764	LG Energy Solution, Ltd.	09/03/2023	4318764	23767193.8	
4318927	Saginomiya Seisakusho, Inc.	24/03/2022	4318927	22815660.0	
4319295	Samsung Electronics Co., Ltd.	22/04/2022	4319295	22796048.1	
4319906	Fresenius Medical Care Deutschland GmbH	06/04/2022	4319906	22721016.8	German
4320464	QUALCOMM INCORPORATED	21/01/2022	4320464	22704261.1	
4321504	Xiamen Sinopeg Biotech Co., Ltd.	07/04/2022	4321504	22784092.3	
4321667	Aquapak IP Limited	11/08/2023	4321667	23191163.7	
4321769	Goodrich Corporation	12/08/2022	4321769	22461594.8	
4321774	ÖSTERREICHISCHE POST AG	08/08/2023	4321774	23190155.4	German
4322079	MAZDA MOTOR CORPORATION	07/04/2022	4322079	22795549.9	
4322275	LG Energy Solution, Ltd.	26/08/2022	4322275	22861755.1	
4322395	DENSO CORPORATION	11/03/2022	4322395	22784424.8	
4322856	Mayo Foundation for Medical Education and Research	13/07/2022	4322856	22754981.3	
4323327	Chevron Phillips Chemical Company LP	03/05/2022	4323327	22725603.9	
4323646	Cambridge Mechatronics Limited	14/04/2022	4323646	22719616.9	
4324046	Aspen Aerogels Inc.	01/07/2022	4324046	22748206.4	
4324674	Valeo Kapec Co., Ltd.	04/04/2022	4324674	22807617.0	
4324713	VOLKSWAGEN AG	30/06/2023	4324713	23182786.6	German
4324888	PPG Powder Coatings (Shanghai) Co.,Ltd. PPG Industries Ohio, Inc.	16/08/2023	4324888	23191779.0	
4325029	RTX Corporation	04/08/2023	4325029	23189823.0	
4325279	Snap Inc.	31/08/2018	4325279	23220820.7	
4325501	Changxin Memory Technologies, Inc.	28/04/2022	4325501	22932848.9	
4325654	LG Energy Solution, Ltd.	18/07/2022	4325654	22898747.5	
4325902	Viavi Solutions Inc.	03/08/2023	4325902	23189509.5	
4326111	NIKE Innovate C.V.	21/04/2022	4326111	22722629.7	
4326656	Valmet Tissue Converting S.r.l.	20/04/2022	4326656	22723768.2	
4326975	Caterpillar Energy Solutions GmbH	12/04/2022	4326975	22720301.5	
4327191	Snap Inc.	14/04/2022	4327191	22792228.3	
4327281	Corning Incorporated	30/06/2022	4327281	22748149.6	
4327803	Hisamitsu Pharmaceutical Co., Inc.	19/08/2022	4327803	22858545.1	
4328627	Shanghai Institute of Measurement and Testing Technology Co., Ltd.	01/09/2022	4328627	22941881.9	
4328788	Shanghai Kong Intelligent Building Co., Ltd GD Midea Heating & Ventilating Equipment Co., Ltd.	05/09/2022	4328788	22869065.7	
4329253	Wilus Institute of Standards and Technology Inc.	07/10/2020	4329253	24151663.2	
4329588	Cumulus Neuroscience Limited	28/04/2021	4329588	21723660.3	
4329593	Prevent Biometrics, Inc.	28/04/2022	4329593	22724985.1	
4329658	C. R. Bard, Inc.	11/05/2022	4329658	22726936.2	
4329864	Becton, Dickinson and Company	29/03/2023	4329864	23781724.2	
4330619	SAAB AB	21/04/2022	4330619	22796271.9	

4330646	4Activesystems GmbH	23/12/2021	4330646	21844356.2	German
4330971	Shanghai United Imaging Healthcare Co., Ltd.	25/06/2023	4330971	23809951.9	
4331357	Exel Industries	14/03/2019	4331357	24151976.8	
4331434	UDS S.A.	05/09/2022	4331434	22193822.8	
4331720	Toyo Tanso Co., Ltd.	01/07/2019	4331720	24150330.9	
4332017	Panasonic Intellectual Property Management Co., Ltd.	12/04/2022	4332017	22795574.7	
4332219	REMEDI CO., LTD	03/05/2022	4332219	22807703.8	
4332301	voestalpine Railway Systems GmbH	29/08/2022	4332301	22020415.0	German
4332389	IFF GmbH	28/06/2023	4332389	23182010.1	German
4332422	A. Raymond et Cie	29/03/2023	4332422	23315067.1	
4332461	Daikin Industries, Ltd.	27/04/2022	4332461	22795868.3	
4332469	Espec Corp.	23/08/2023	4332469	23192973.8	
4332548	Espec Corp.	24/08/2023	4332548	23193226.0	
4332736	Samsung Electronics Co., Ltd.	09/08/2022	4332736	22856175.9	
4332742	QUALCOMM Incorporated	23/01/2017	4332742	23213535.0	
4333556	Samsung Electronics Co., Ltd.	10/08/2018	4333556	24152888.4	
4333704	Google LLC	29/07/2022	4333704	22758074.3	
4334000	Rottefella AS	02/05/2022	4334000	22799192.4	
4334298	Scorpion Therapeutics, Inc.	13/06/2022	4334298	22738208.2	
4334589	Co2Rail Company (A Wyoming Corporation)	05/05/2022	4334589	22738510.1	
4334730	Texas Instruments Incorporated	04/05/2022	4334730	22725088.3	
4334770	Carl Zeiss Meditec AG	06/05/2022	4334770	22728150.8	German
4334922	Verso Vision Oy	04/05/2022	4334922	22798707.0	
4334938	Advanced Micro Devices, Inc.	05/05/2022	4334938	22799561.0	
4335276	Amazonen-Werke H. Dreyer SE & Co. KG	28/08/2023	4335276	23401033.8	German
4335643	SII Printek Inc.	12/09/2023	4335643	23196740.7	
4336113	Aktiebolaget Bostäder I Borås ÅF-Infrastructure AB (AFRY)	10/08/2023	4336113	23190887.2	
4336358	Rockwell Automation Technologies, Inc.	07/07/2023	4336358	23184127.1	
4336993	Precision Planting LLC	04/03/2022	4336993	22709408.3	
4337163	Dow Silicones Corporation Rohm and Haas Company Union Carbide Corporation	06/05/2022	4337163	22725642.7	
4337418	Boiteux, Christophe	12/05/2022	4337418	22728854.5	French
4337430	Safran Nacelles	10/05/2022	4337430	22727381.0	French
4338069	Telefonaktiebolaget LM Ericsson (publ)	11/05/2021	4338069	21726735.0	
4338095	Elcoflex OY	04/05/2022	4338095	22731725.2	
4338344	QUALCOMM INCORPORATED	03/05/2022	4338344	22724613.9	
4339433	RTX Corporation	13/09/2023	4339433	23197258.9	
4339487	IMS Gear SE & Co. KGaA	16/09/2022	4339487	22196180.8	German
4339924	BOE Technology Group Co., Ltd. Beijing BOE Technology Development Co., Ltd.	28/10/2021	4339924	21961837.8	
4340012	AT & S Austria Technologie & Systemtechnik Aktiengesellschaft	28/04/2017	4340012	24155178.7	
4340062	LG Energy Solution, Ltd.	25/11/2022	4340062	22899088.3	
4340077	MITSUBISHI ELECTRIC CORPORATION	11/05/2021	4340077	21941842.3	
4340095	LG Energy Solution, Ltd.	07/11/2022	4340095	22890483.5	
4340681	Kids2, Inc.	18/05/2022	4340681	22729943.5	
4340776	Iolution GmbH	16/05/2022	4340776	22729535.9	German
4341077	Fives Machining Systems, Inc.	23/05/2022	4341077	22805654.5	
4341562	Lee Ventus Limited	19/05/2022	4341562	22726801.8	
4342067	Hilti Aktiengesellschaft	05/05/2022	4342067	22727881.9	German
4342440	Novoluto GmbH	04/04/2019	4342440	24156254.5	German
4342691	Sumitomo Rubber Industries, Ltd.	25/08/2023	4342691	23193465.4	
4342789	Airbus Operations Limited	11/09/2023	4342789	23196682.1	
4343213	Robert Bosch GmbH	21/09/2023	4343213	23198700.9	German

4343387	ZTE Corporation	28/04/2022	4343387	22803771.9	
4343778	Shanghai United Imaging Healthcare Co., Ltd.	27/07/2023	4343778	23821853.1	
4344095	NTT, Inc.	18/05/2021	4344095	21940728.5	
4344239	Apple Inc.	18/09/2023	4344239	23197934.5	
4344649	FUJIFILM Corporation	27/09/2023	4344649	23200238.6	
4344838	Eurocelp	30/09/2022	4344838	22198991.6	French
4344966	Kubota Corporation	26/09/2023	4344966	23199910.3	
4345058	Technische Universität Dresden	14/08/2023	4345058	23191320.3	German
4345096	Yichang Humanwell Pharmaceutical Co., Ltd.	14/07/2022	4345096	22841467.8	
4345307	Tsinghua University LG Electronics Inc.	07/06/2023	4345307	23177935.6	
4346103	OMRON Corporation TOYOTA JIDOSHA KABUSHIKI KAISHA	16/11/2017	4346103	24158338.4	
4346331	Landis+Gyr Technology, Inc.	29/05/2020	4346331	24157470.6	
4346503	Buzzworks Think Tank Pty Ltd	30/05/2022	4346503	22814598.3	
4347112	Topsoe A/S	25/05/2022	4347112	22730814.5	
4347203	C.M.T. UTENSILI S.P.A.	07/12/2021	4347203	21836633.4	
4347293	Stellantis Auto SAS	26/04/2022	4347293	22735530.2	French
4348042	VESTAS WIND SYSTEMS A/S	01/06/2022	4348042	22732396.1	
4348396	Vertiv Corporation	27/05/2022	4348396	22812214.9	
4348998	Connaught Electronics Ltd.	19/05/2022	4348998	22731081.0	
4349308	The University of Southern California California Institute of Technology	11/06/2019	4349308	24151329.0	
4349615	BRIDGESTONE CORPORATION	31/03/2022	4349615	22811038.3	
4349710	Rakuten Group, Inc.	19/08/2022	4349710	22920994.5	
4349770	Tatsuno Corporation	30/03/2022	4349770	22815697.2	
4350066	LG Electronics Inc.	16/12/2019	4350066	24153078.1	
4350334	Contemporary Amperex Technology (Hong Kong) Limited	27/03/2023	4350334	23793981.4	
4350980	Hartl Energy GmbH	03/10/2022	4350980	22020477.0	German
4351032	TOYOTA JIDOSHA KABUSHIKI KAISHA	27/09/2023	4351032	23200164.4	
4351839	Hilti Aktiengesellschaft	24/05/2022	4351839	22730249.4	German
4352309	Metallurgica Ledrense Società Cooperativa	13/06/2022	4352309	22736001.3	
4352567	Microsoft Technology Licensing, LLC	10/05/2022	4352567	22732702.0	
4352876	QM Technologies ApS	08/06/2022	4352876	22735314.1	
4353109	Amer Sports Canada Inc.	10/10/2023	4353109	23202828.2	
4353204	Bort GmbH	10/10/2023	4353204	23202705.2	German
4353530	Icandy World Limited	13/10/2023	4353530	23203604.6	
4354113	MEIJI CO., LTD	27/05/2022	4354113	22811435.1	
4354353	Naver Corporation	11/10/2022	4354353	22306534.3	
4354617	LG Energy Solution, Ltd.	08/07/2022	4354617	22838063.0	
4354890	Meta Platforms Technologies, LLC	04/09/2023	4354890	23195187.2	
4355154	KT&G Corporation	05/09/2023	4355154	23798319.2	
4355562	KOMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	08/06/2022	4355562	22740939.8	French
4356231	Ambu A/S	13/06/2022	4356231	22734904.0	
4356353	CARIAD SE	10/08/2021	4356353	21756002.8	
4356368	Monday Noise	16/06/2022	4356368	22737573.0	French
4356883	Manta Sleep LLC	21/06/2023	4356883	23180519.3	
4356955	Boston Scientific Scimed, Inc.	22/04/2020	4356955	24159633.7	
4357151	Zanini Auto Grup, S.A.	21/10/2022	4357151	22383015.9	
4357158	Sumitomo Rubber Industries, Ltd.	18/09/2023	4357158	23197834.7	
4357526	UAM GmbH & Co. KG	20/10/2023	4357526	23204848.8	
4357745	Kistler Holding AG	17/10/2023	4357745	23203932.1	German
4358049	Robert Bosch GmbH	20/10/2022	4358049	22202662.7	
4358101	Raycap, S.A.	17/10/2023	4358101	23203955.2	
4358899	Align Technology, Inc.	22/07/2022	4358899	22755349.2	
4359839	Confocal.nl B.V.	20/06/2022	4359839	22733756.5	

4360302	Valeo Schalter und Sensoren GmbH	20/06/2022	4360302	22737782.7	
4360536	Zeisberg GmbH	10/01/2023	4360536	23150974.6	German
4360890	Ricoh Company, Ltd.	23/10/2023	4360890	23205112.8	
4360983	K&K Maschinenentwicklungs GmbH & Co. KG	23/10/2023	4360983	23205316.5	German
4361025	Airbus Operations Limited	21/08/2023	4361025	23192458.0	
4361125	Hefei All-Plus Environmental Technology Co., Ltd.	14/09/2021	4361125	21956461.4	
4361307	Divine Eagle (Shenzhen) Technology Co., Ltd	09/06/2022	4361307	22827388.4	
4361335	Miele & Cie. KG	26/09/2023	4361335	23199795.8	German
4361560	STMicroelectronics S.r.l.	09/10/2023	4361560	23202344.0	
4361628	Honeywell International Inc.	21/09/2023	4361628	23198858.5	
4361804	Samsung SDS Co., Ltd.	26/10/2023	4361804	23205964.2	
4362100	MGI Tech Co., Ltd.	29/11/2019	4362100	24163302.3	
4362255	Kehua Data Co., Ltd	23/12/2022	4362255	22216271.1	
4362480	Samsung Electronics Co., Ltd.	29/07/2022	4362480	22849941.4	
4362505	Wuxi Little Swan Electric Co., Ltd.	29/06/2023	4362505	23841581.4	
4362831	Boston Scientific Medical Device Limited	01/07/2022	4362831	22743911.4	
4364135	Microsoft Technology Licensing, LLC	29/06/2021	4364135	21752494.1	
4364393	Motorola Solutions, Inc.	13/04/2022	4364393	22722920.0	
4364991	VOLVO TRUCK CORPORATION	07/11/2022	4364991	22205694.7	
4365054	CRRC Qingdao Sifang Co., Ltd.	05/01/2022	4365054	22831123.9	
4365055	CRRC Qingdao Sifang Co., Ltd.	05/01/2022	4365055	22831122.1	
4365085	Airbus Defence and Space GmbH	30/10/2023	4365085	23206577.1	
4365087	Airbus Defence and Space GmbH	04/11/2022	4365087	22205607.9	
4365243	Sakata INX Corporation	25/04/2022	4365243	22832587.4	
4365455	Zedel	19/10/2023	4365455	23204743.1	French
4365509	ARISTON S.P.A.	31/10/2023	4365509	23206956.7	
4365535	mitsubishi heavy industries thermal systems, ltd.	30/08/2022	4365535	22864582.6	
4365538	Elementary Optomation Co., Ltd	28/06/2021	4365538	21947404.6	
4365610	LG Energy Solution, Ltd.	30/09/2022	4365610	22904417.7	
4365780	Nokia Solutions and Networks Oy	07/11/2022	4365780	22205846.3	
4367421	Viega Technology GmbH & Co. KG	22/06/2022	4367421	22734603.8	German
4367573	MacKay Memorial Hospital	22/06/2021	4367573	21946325.4	
4368856	Lockheed Martin Corporation	02/11/2023	4368856	23207548.1	
4370277	fischerwerke GmbH & Co. KG	01/07/2022	4370277	22744419.7	German
4370376	Valeo Vision	11/07/2022	4370376	22741299.6	French
4370832	Edwards Limited	07/07/2022	4370832	22737980.7	
4370907	SAFRAN	23/06/2022	4370907	22743527.8	French
4370909	Qnami AG	12/07/2022	4370909	22741862.1	
4370984	Siemens Aktiengesellschaft	15/09/2021	4370984	21957046.2	
4371503	Livsmid Inc.	15/07/2022	4371503	22842515.3	
4371510	T.A.G. Medical Products Corporation Ltd.	24/04/2017	4371510	24168554.4	
4371643	CERI Environment Protection Technology Co. Ltd.	30/10/2023	4371643	23206772.8	
	MCC Capital Engineering & Research Incorporation Limited				
4371785	The Goodyear Tire & Rubber Company	14/11/2023	4371785	23209939.0	
4371836	Suzuki Motor Corporation	12/10/2023	4371836	23203300.1	
4372250	Kubota Corporation	16/11/2023	4372250	23210367.1	
4372425	EXAIL	16/11/2023	4372425	23210442.2	French
	Centre National d'Etudes Spatiales				
	Centre National de la Recherche Scientifique				
	Université Jean Monnet Saint-Étienne				
4372520	Samsung Electronics Co., Ltd.	09/08/2022	4372520	22856193.2	
4372889	LG Energy Solution, Ltd.	01/06/2023	4372889	23816394.3	
4372992	NXP USA, Inc.	10/11/2023	4372992	23208982.1	
4373376	Alfred Kärcher SE & Co. KG	23/07/2021	4373376	21749172.9	German

4373514	Fundación Profesor Novoa Santos Servizo Galego De Saúde	20/07/2022	4373514	22751728.1	
4373728	Nader, Miroslaw Nader, Stanislaw	21/07/2022	4373728	22834759.7	
4374047	Safran Aero Boosters	20/07/2022	4374047	22744481.7	French
4374119	Electrolux Home Products, Inc.	06/07/2022	4374119	22747540.7	
4375454	General Electric Company	16/11/2023	4375454	23210399.4	
4375501	Amazing Sun Co., Ltd.	23/11/2023	4375501	23211789.5	
4376199	LG Energy Solution, Ltd.	15/12/2022	4376199	22916565.9	
4376200	LG Energy Solution, Ltd.	12/07/2023	4376200	23843269.4	
4376682	Société des Produits Nestlé S.A.	29/07/2022	4376682	22757305.2	
4377565	Robert Bosch GmbH	08/06/2022	4377565	22732175.9	German
4379216	Pfeiffer Vacuum Technology AG	22/04/2024	4379216	24171527.5	German
4379716	Jali Inc.	28/11/2023	4379716	23212758.9	
4379767	Denka Company Limited National Institute for Materials Science	23/06/2022	4379767	22852708.1	
4379908	LG Energy Solution, Ltd.	27/03/2023	4379908	23788498.6	
4379923	LG Energy Solution, Ltd.	30/08/2022	4379923	22876689.5	
4379996	LG Energy Solution, Ltd.	07/10/2022	4379996	22901549.0	
4380333	Imec VZW Katholieke Universiteit Leuven	02/12/2022	4380333	22211147.8	
4380805	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	01/08/2022	4380805	22758568.4	French
4380933	Syngenta Crop Protection AG	28/07/2022	4380933	22757954.7	
4381645	QUALCOMM INCORPORATED	13/07/2022	4381645	22751909.7	
4381796	Nokia Technologies Oy	27/07/2022	4381796	22757915.8	
4381877	Nokia Technologies Oy	04/08/2021	4381877	21755457.5	
4382559	RAIZ - Instituto De Investigação Da Floresta E Papel Universidade de Aveiro	23/11/2023	4382559	23211808.3	
4382574	Tokuyama Corporation	22/07/2022	4382574	22852865.9	
4383248	Honeywell International Inc.	13/11/2023	4383248	23209340.1	
4383751	Sony Group Corporation	23/03/2022	4383751	22860853.5	
4383937	Rakuten Mobile, Inc.	11/11/2021	4383937	21952912.0	
4384313	Ineratec GmbH	11/08/2022	4384313	22765446.4	German
4384709	Robert Bosch GmbH	08/08/2022	4384709	22761229.8	German
4384931	Microsoft Technology Licensing, LLC	28/06/2022	4384931	22748133.0	
4385175	Siemens Mobility GmbH	09/09/2022	4385175	22783303.5	German
4385882	AIRBUS OPERATIONS (S.A.S.) Airbus Operations S.L.	08/12/2023	4385882	23215134.0	French
4385887	Airbus Operations GmbH	14/12/2022	4385887	22213593.1	
4385888	Airbus Operations GmbH	14/12/2022	4385888	22213598.0	
4386260	Valmet Technologies Oy	04/12/2023	4386260	23213934.5	
4386460	Canon Kabushiki Kaisha	02/10/2019	4386460	24166779.9	
4386566	Lemon Inc.	11/12/2023	4386566	23215492.2	
4386721	Asahi Intecc Co., Ltd.	12/08/2021	4386721	21953495.5	
4386751	Emocog Co., Ltd.	07/09/2023	4386751	23195992.5	
4387208	Beijing Xiaomi Mobile Software Co., Ltd.	29/04/2022	4387208	22854965.5	
4387568	Iolution GmbH	11/08/2022	4387568	22761249.6	German
4388334	Koninklijke Philips N.V.	28/07/2022	4388334	22757293.0	
4388793	Samsung Electronics Co., Ltd.	14/10/2022	4388793	22881429.9	
4388966	SP Berner Plastic Group, S.L.	15/12/2023	4388966	23216996.1	
4389110	Lee, Misook	22/09/2022	4389110	22873179.0	
4389423	Hamilton Sundstrand Corporation	27/12/2023	4389423	23220379.4	
4389517	Ningbo Baby First Baby Products Co., Ltd.	24/07/2023	4389517	23187153.4	
4389553	Innova Patent GmbH	18/12/2023	4389553	23217395.5	German
4389612	AIRBUS OPERATIONS (S.A.S.)	08/12/2023	4389612	23215127.4	French
4389962	Kabel Sterner GmbH	07/12/2023	4389962	23214800.7	German
4390612	EM Microelectronic-Marin SA	22/12/2022	4390612	22216167.1	
4391100	LG Energy Solution, Ltd.	12/07/2023	4391100	23846878.9	
4392176	Singleron Biotechnologies Inc.	26/08/2022	4392176	22772765.8	
4392522	Unilever Global IP Limited	25/08/2022	4392522	22769213.4	

4392664	VESTAS WIND SYSTEMS A/S	23/08/2022	4392664	22761950.9	
4394022	The Swatch Group Research and Development Ltd	26/10/2023	4394022	23206208.3	French
4394158	Nanjing Chervon Industry Co., Ltd.	10/11/2023	4394158	23208943.3	
4394183	MAHLE International GmbH	17/11/2023	4394183	23210654.2	
4394253	Ansaldo Energia Switzerland AG	30/12/2022	4394253	22217343.7	
4394570	Samsung Electronics Co., Ltd.	12/10/2022	4394570	22881347.3	
4394627	GeoQuest Systems B.V.	27/12/2023	4394627	23220409.9	
4395354	Honor Device Co., Ltd.	05/05/2023	4395354	23814882.9	
4395515	LG Display Co., Ltd.	30/08/2023	4395515	23194259.0	
4396185	Assia Chemical Industries Ltd.	31/08/2022	4396185	22777120.1	
4396191	JAGUAHR THERAPEUTICS PTE LTD	31/08/2022	4396191	22813354.2	
4396430	Safran Seats GB Limited	25/08/2022	4396430	22765943.0	
4397008	Cisco Technology, Inc.	22/08/2022	4397008	22777749.7	
4397347	Fisher & Paykel Healthcare Limited	18/10/2017	4397347	24166370.7	
4397461	Shenzhen Aiduoduo Technology Co., Ltd.	13/06/2023	4397461	23178841.5	
4397553	NISSAN MOTOR CO., LTD.	01/09/2021	4397553	21955272.6	
4397678	The United States Government as Represented by the Department of Veterans Affairs	04/05/2018	4397678	23202326.7	
4397908	Siemens Aktiengesellschaft	19/07/2023	4397908	23186452.1	German
4398526	Schneider Electric Buildings Americas, Inc.	30/09/2014	4398526	24176617.9	
4398698	Samsung Display Co., Ltd.	21/12/2023	4398698	23218977.9	
4398718	Avient Protective Materials B.V.	30/08/2022	4398718	22769724.0	
4398996	Hoist Fitness Systems, Inc.	11/08/2022	4398996	22867877.7	
4399843	ARRIS Enterprises LLC	02/09/2022	4399843	22786858.5	
4400319	Seiko Epson Corporation	09/01/2024	4400319	24150831.6	
4400453	Fuji Corporation	10/09/2021	4400453	21956790.6	
4400730	DEHN SE	21/12/2023	4400730	23219245.0	German
4400753	NIPPON STEEL CORPORATION Vallourec Oil and Gas France	26/08/2022	4400753	22867232.5	
4401545	Briggs & Stratton, LLC	12/10/2022	4401545	22801634.1	
4401601	Autoliv Development AB	02/09/2022	4401601	22776882.7	German
4401759	Ipsen Biopharm Limited	16/09/2022	4401759	22777691.1	
4401801	Ethicon, Inc.	16/09/2022	4401801	22783573.3	
4401990	AP Racing Limited	09/09/2022	4401990	22782688.0	
4402035	NSK Steering Systems America, Inc.	13/09/2022	4402035	22786181.2	
4402679	Mitsubishi Electric Corporation	12/05/2022	4402679	22732677.4	
4402856	CARIAD SE	17/11/2021	4402856	21815448.2	
4404002	KYOCERA Document Solutions Inc.	13/10/2022	4404002	22883460.2	
4404173	HYUNDAI MOTOR COMPANY Kia Corporation	26/09/2023	4404173	23199670.3	
4404382	Honor Device Co., Ltd.	26/04/2023	4404382	23825948.5	
4405137	Fondazione Istituto Italiano di Tecnologia	22/09/2022	4405137	22793461.9	
4405149	Creaholic SA	23/09/2022	4405149	22786476.6	French
4406185	Dfinity Stiftung	30/09/2022	4406185	22798289.9	
4406186	Dfinity Stiftung	30/09/2022	4406186	22800606.0	
4406466	Bissell Inc.	18/07/2019	4406466	24177102.1	
4406515	Edwards Lifesciences Corporation	31/05/2018	4406515	24175571.9	
4406582	The Board of Trustees of the Leland Stanford Junior University	20/03/2020	4406582	24181975.4	
4407041	Becton Dickinson and Company	06/11/2020	4407041	24166876.3	
4407122	Adelie, LLC	03/10/2023	4407122	23201385.4	
4407242	Daikin Industries, Ltd.	21/04/2022	4407242	22875436.2	
4408640	KHS GmbH	28/09/2022	4408640	22798248.5	German
4408657	Carbice Corporation	30/09/2022	4408657	22813381.5	
4408711	Schaeffler Technologies AG & Co. KG	09/09/2022	4408711	22777615.0	German
4409339	Bosch Car Multimedia Portugal, S.A. Universidade do Minho	27/12/2022	4409339	22850743.0	
4409743	SOITEC	15/09/2022	4409743	22789635.4	French
4409860	Forescout Technologies, Inc.	29/09/2022	4409860	22797937.4	
4410342	ZOLL Medical Corporation	19/03/2007	4410342	24166507.4	

4410346	ResMed Pty Ltd	17/12/2019	4410346	24182769.0	
4410665	Deutsches Zentrum für Luft- und Raumfahrt e.V.	31/01/2024	4410665	24155087.0	German
4410804	Japan Science and Technology Agency	27/09/2022	4410804	22876257.1	
4411522	Hyundai Mobis Co., Ltd.	17/11/2023	4411522	23210611.2	
4411693	AISIN CORPORATION	26/09/2022	4411693	22876105.2	
4411957	Panasonic Intellectual Property Management Co., Ltd.	08/09/2022	4411957	22875767.0	
4412014	ShinMaywa Industries, Ltd.	20/09/2022	4412014	22875933.8	
4412049	NISSAN MOTOR CO., LTD.	30/09/2021	4412049	21958599.9	
4412141	QUALCOMM Incorporated	19/04/2021	4412141	24183084.3	
4413421	Saint-Gobain Glass France Centre National de la Recherche Scientifique	05/10/2022	4413421	22817296.1	French
4414256	HL Mando Corporation	29/06/2023	4414256	23182405.3	
4415533	Tekno Idea S.r.l.	10/10/2022	4415533	22789698.2	
4415575	Philip Morris Products S.A.	14/10/2022	4415575	22801541.8	
4415576	Philip Morris Products, S.A.	14/10/2022	4415576	22801542.6	
4415693	Bioverativ Therapeutics Inc.	14/10/2022	4415693	22813008.4	
4415852	MANN+HUMMEL GmbH	29/08/2022	4415852	22769941.0	German
4416388	ZF CV Systems Europe BV	04/10/2022	4416388	22798318.6	
4416475	Advanced Suspension Technology LLC	07/10/2022	4416475	22797990.3	
4416545	Abberior Instruments GmbH	12/10/2022	4416545	22798356.6	
4416863	QUALCOMM Incorporated	14/10/2022	4416863	22802448.5	
4417170	Ethicon Endo-Surgery, Inc.	05/04/2013	4417170	24168071.9	
4417233	Boston Scientific Scimed, Inc.	02/12/2020	4417233	24180369.1	
4417468	KOITO MANUFACTURING CO., LTD.	14/09/2022	4417468	22880708.7	
4417828	Schneeberger Holding AG	15/06/2023	4417828	23179580.8	German
4417947	Tokin Corporation	27/07/2023	4417947	23188237.4	
4418249	Boe Technology Group Co., Ltd. Beijing BOE Display Technology Co., Ltd.	29/07/2022	4418249	22952452.5	
4418734	Honor Device Co., Ltd.	14/12/2022	4418734	22931859.7	
4418795	Vivo Mobile Communication Co., Ltd.	14/10/2022	4418795	22880425.8	
4419386	Jaguar Land Rover Limited	06/10/2022	4419386	22798148.7	
4419836	Jaguar Land Rover Limited	12/10/2022	4419836	22797397.1	
4420168	Shanghai United Imaging Healthcare Co., Ltd.	30/12/2022	4420168	22942955.0	
4420471	InterDigital Patent Holdings, Inc.	19/10/2022	4420471	22806065.3	
4420654	Shenzhen Winkey Technology Co., Ltd	04/11/2021	4420654	21962857.5	
4420657	Inventage Lab Inc.	28/11/2022	4420657	22901706.6	
4420867	Magic Leap, Inc.	17/10/2018	4420867	24165854.1	
4422324	LG Electronics Inc.	02/11/2020	4422324	24188137.4	
4422332	Datang Mobile Communications Equipment Co., Ltd.	29/09/2022	4422332	22882620.2	
4422833	ETH Zurich	18/10/2022	4422833	22802978.1	
4423381	Jaguar Land Rover Limited	14/10/2022	4423381	22801166.4	
4423534	AIRBUS US SPACE & DEFENCE, INC.	25/04/2023	4423534	23724631.9	
4423942	QUALCOMM Incorporated	23/08/2022	4423942	22777136.7	
4423984	Arista Networks, Inc.	25/10/2022	4423984	22813037.3	
4424261	Wuhan Lotuxs Technology Co., Ltd.	30/12/2021	4424261	21963159.5	
4424376	Legend Biotech Ireland Limited	10/08/2016	4424376	24174651.0	
4424875	TOYOTA JIDOSHA KABUSHIKI KAISHA	02/01/2024	4424875	24150103.0	
4426593	Bridgestone Europe NV/SA	31/10/2022	4426593	22793441.1	
4428379	Micosystem S.r.l.	08/03/2024	4428379	24020073.3	
4429031	Smart Electric Works Co.,Ltd.	10/03/2023	4429031	23161112.0	
4429558	Brainlab SE	11/11/2021	4429558	21810982.5	
4430042	AJAX THERAPEUTICS, INC.	08/11/2022	4430042	22826728.2	
4430462	Advanced Micro Devices, Inc.	27/10/2022	4430462	22890633.5	
4431056	Shining 3D Tech Co., Ltd.	28/04/2023	4431056	23799238.3	
4431139	Shenzhen Haige Cross Border Technology Co., Ltd.	15/03/2024	4431139	24163803.0	

4431396	Airbus Defence and Space GmbH	04/03/2024	4431396	24161290.2	
4431648	Rieter AG	05/03/2024	4431648	24161528.5	German
4431753	SEB S.A.	12/03/2024	4431753	24162856.9	French
4431763	CNH Industrial Italia S.p.A.	18/03/2024	4431763	24164303.0	
4432041	TOYOTA JIDOSHA KABUSHIKI KAISHA	12/03/2024	4432041	24162861.9	
4432102	Samsung Electronics Co., Ltd.	24/11/2023	4432102	23211969.3	
4432262	NISSAN MOTOR CO., LTD.	10/11/2021	4432262	21963476.3	
4432421	LG Energy Solution, Ltd.	19/07/2023	4432421	23872739.0	
4432712	Deutsche Telekom AG	16/03/2023	4432712	23162372.9	
4433029	Agency for Science, Technology and Research National University Hospital (Singapore) Pte Ltd	10/11/2022	4433029	22896229.6	
4433234	ThyssenKrupp Steel Europe AG	10/11/2022	4433234	22817593.1	German
4433419	Technische Universität Dresden	17/11/2022	4433419	22821864.0	German
4433706	Aircom Automotive Sp. z.o.o. Sp. K.	18/11/2022	4433706	22818396.8	German
4433943	Linxens Holding	18/11/2021	4433943	21830752.8	
4434753	Ricoh Company, Ltd.	12/03/2024	4434753	24162877.5	
4435228	Schlumberger Technology B.V.	22/03/2023	4435228	23305387.5	
4435296	VALEO EMBRAYAGES	19/03/2024	4435296	24164341.0	French
4435617	STMicroelectronics International N.V.	08/03/2024	4435617	24162220.8	
4436122	Suzhou Metabrain Intelligent Technology Co., Ltd.	23/11/2022	4436122	22950068.1	
4436370	Westcon Yards As	23/11/2022	4436370	22821985.3	
4436412	Philip Morris Products S.A.	17/11/2022	4436412	22818042.8	
4436526	Otto Bock Healthcare Products GmbH	17/11/2022	4436526	22818668.0	German
4436871	Kawasaki Kisen Kaisha Ltd	15/11/2022	4436871	22817994.1	French
4437161	Commissariat à l'Energie Atomique et aux Energies Alternatives	21/11/2022	4437161	22826137.6	French
4437259	AKWEL	17/11/2022	4437259	22826598.9	French
4437298	UAB "Yukon Advanced Optics Worldwide"	26/11/2021	4437298	21831352.6	
4437457	QUALCOMM INCORPORATED	21/11/2022	4437457	22840513.0	
4437984	Shukla Medical	28/03/2024	4437984	24167433.2	
4437996	Intuitive Surgical Operations, Inc.	14/08/2020	4437996	24195448.6	
4438814	Joe Joe, Chellakat Satyaraj Azmeey, Adel	25/03/2023	4438814	23164203.4	
4438908	Hunan Sinoboom Intelligent Equipment Co., Ltd.	13/04/2022	4438908	22919684.5	
4439060	INTABIO, LLC	31/05/2019	4439060	24193883.6	
4439281	LG Energy Solution, Ltd.	19/06/2023	4439281	23897952.0	
4439317	Silergy Semiconductor Technology (Hangzhou) Ltd	28/03/2024	4439317	24167453.0	
4439558	Cisco Technology, Inc.	19/06/2019	4439558	24194500.5	
4439681	Gold Stone (Fujian) Energy Company Limited	10/11/2023	4439681	23209129.8	
4439837	LG Energy Solution, Ltd.	07/07/2023	4439837	23835881.6	
4440083	Valve Corporation	24/12/2019	4440083	24195026.0	
4440165	Strong Force Iot Portfolio 2016, LLC	31/10/2019	4440165	24195163.1	
4440303	Romanova, Anastasiia	21/11/2023	4440303	23828529.0	
4440442	Dandelion Technologies, LLC	03/12/2021	4440442	21839731.3	
4440529	EIS GmbH	30/11/2022	4440529	22826079.0	German
4441430	Raytheon Company	02/12/2022	4441430	22936049.0	
4441656	Giesecke+Devrient ePayments GmbH	29/11/2022	4441656	22822272.5	German
4442202	Battelle Memorial Institute	02/06/2016	4442202	24195703.4	
4442301	Nipro Corporation	02/06/2017	4442301	24195629.1	
4442415	Rondo Burgdorf AG	04/04/2023	4442415	23166632.2	German
4443041	Zhongshan Dashan Photographic Equipment Co., Ltd.	07/12/2023	4443041	23215035.9	
4443100	Siemens Aktiengesellschaft	05/04/2023	4443100	23166777.5	German
4443324	Beijing Goldwind Science & Creation Windpower Equipment Co. Ltd.	14/03/2022	4443324	22912991.1	

4443522	Longi Solar Technology (Taizhou) Co., Ltd.	10/10/2023	4443522	23887706.2	
4444637	SSI Schäfer Automation GmbH (AT)	09/11/2022	4444637	22814399.6	German
4444693	Adama Agan Ltd.	05/12/2022	4444693	22826713.4	
4445675	QUALCOMM INCORPORATED	26/09/2022	4445675	22793291.0	
4445789	ASICS Corporation	26/03/2024	4445789	24166298.0	
4445909	Università Degli Studi Magna Graecia di Catanzaro	08/04/2024	4445909	24169036.1	
4446021	Verily Life Sciences LLC	10/07/2020	4446021	24190563.7	
4446268	Pentre Group Limited	05/04/2024	4446268	24168858.9	
4446671	Sumitomo Heavy Industries, LTD.	25/10/2022	4446671	22903896.3	
4446675	QINGDAO HAIER REFRIGERATOR CO., LTD. HAIER SMART HOME CO., LTD.	06/12/2022	4446675	22903456.6	
4446897	Samsung Electronics Co., Ltd	26/12/2022	4446897	22926228.2	
4446974	Beijing X-Ring Technology Co., Ltd.	28/07/2023	4446974	23188329.9	
4447051	United Microelectronics Corp.	25/07/2022	4447051	24196552.4	
4447070	Westinghouse Electric Company Llc	26/10/2021	4447070	24191911.7	
4447125	Longi Green Energy Technology Co., Ltd.	19/10/2022	4447125	22919883.3	
4447327	EM Microelectronic-Marin SA	14/04/2023	4447327	23168089.3	
4447476	Sony Semiconductor Solutions Corporation	09/07/2019	4447476	24197289.2	
4447485	Arkamys	12/04/2024	4447485	24170115.0	French
4448644	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	13/12/2022	4448644	22836126.7	French
4448937	VOLVO TRUCK CORPORATION	17/12/2021	4448937	21843602.0	
4449134	Safran Electrical & Power	09/12/2022	4449134	22844667.0	French
4449529	Volvo Truck Corporation	15/12/2021	4449529	21839464.1	
4450125	IMGT Co, Ltd.	19/07/2023	4450125	23186537.9	
4450160	CATALER CORPORATION	20/12/2022	4450160	22920578.6	
4450313	HUTCHINSON	22/03/2024	4450313	24165400.3	French
4450326	IMS Gear SE & Co. KGaA	20/04/2023	4450326	23169063.7	German
4450406	Ercopac S.r.l.	18/04/2024	4450406	24171053.2	
4450569	DAIKIN INDUSTRIES, LTD.	22/12/2022	4450569	22911319.6	
4450993	KIST-Europe Forschungsgesellschaft mbH	20/04/2023	4450993	23169022.3	
4451997	PUMA SE	20/12/2022	4451997	22839478.9	
4452025	Société des Produits Nestlé S.A.	19/12/2022	4452025	22839801.2	
4452426	LG Electronics Inc.	16/03/2023	4452426	23771118.9	
4452671	Pirelli Tyre S.p.A.	29/11/2022	4452671	22838943.3	
4452766	I.M.A. Industria Macchine Automatiche S.p.A.	14/11/2022	4452766	22817920.6	
4453453	VR Automotive Dichtungssysteme GmbH	15/12/2022	4453453	22840579.1	German
4453463	Parker Hannifin EMEA S.à.r.l.	20/12/2022	4453463	22843168.0	French
4453540	Commissariat à l'Energie Atomique et aux Energies Alternatives Eclypia	24/12/2022	4453540	22844179.6	French
4453627	Carl Zeiss Microscopy GmbH	21/11/2022	4453627	22818762.1	German
4453651	Vestlandets Innovasjonsselskap AS	08/03/2023	4453651	23714120.5	
4454144	Quantum Valley Ideas Laboratories	03/03/2022	4454144	22925262.2	
4454383	QUALCOMM INCORPORATED	16/11/2022	4454383	22830082.8	
4455023	Diseño y Construcción de Maquinaria Automatizada, S.L	22/12/2021	4455023	21867873.8	
4455391	Beijing Xiaomi Mobile Software Co., Ltd.	31/07/2023	4455391	23188685.4	
4455441	Zurflüh-Feller	12/04/2024	4455441	24169877.8	French
4455599	Dentler, Daniel	26/04/2023	4455599	23170122.8	German
4455602	Dentler, Daniel	26/04/2023	4455602	23170120.2	German
4455605	Dentler, Daniel	26/04/2023	4455605	23170121.0	German
4455798	The Swatch Group Research and Development Ltd	28/04/2023	4455798	23170798.5	French
4455827	AISIN CORPORATION	17/08/2022	4455827	22910451.8	
4455915	CrowdStrike, Inc.	12/03/2024	4455915	24162926.0	
4457141	Safran Electrical & Power	26/12/2022	4457141	22847615.6	French
4457461	Fives Pillard	23/12/2022	4457461	22844167.1	French
4457646	Alten	22/12/2022	4457646	22839502.6	French

4458171	Next Level Ventures LLC	03/05/2024	4458171	24174148.7	
4458216	Klein, Wiebke	04/04/2024	4458216	24168402.6	German
4458277	Synkotech Biocompatible Materials, S.L.	02/05/2023	4458277	23382407.7	
4458535	JAC S.A.	02/05/2024	4458535	24173777.4	French
4458989	Hangzhou ShengTing Medical Technology Ltd.	02/08/2023	4458989	23189193.8	
4459285	(INSERM) Institut National de la Santé et de la Recherche Médicale Université de Rouen Normandie Centre Hospitalier Universitaire de Rouen	13/04/2021	4459285	24197643.0	
4459301	LG Energy Solution, Ltd.	20/07/2023	4459301	23882832.1	
4459473	Yangtze Memory Technologies Co., Ltd.	18/10/2022	4459473	24201377.9	
4459586	Sehon, Tiemo	06/05/2024	4459586	24174327.7	German
4460027	Honor Device Co., Ltd.	06/06/2023	4460027	23849041.1	
4461194	Arçelik Anonim Sirketi	29/02/2024	4461194	24160460.2	
4461236	Taurus Endoscopy	13/05/2024	4461236	24315232.9	
4461422	Technische Universität Chemnitz	03/05/2024	4461422	24401015.3	German
4461487	HOMAG GmbH	08/05/2024	4461487	24174861.5	German
4461613	VOLKSWAGEN AG	30/04/2024	4461613	24173427.6	German
4461669	SACMI Cooperativa Meccanici Imola Società Cooperativa	20/09/2021	4461669	24200717.7	
4462175	Keewin Display Co., Ltd.	02/06/2023	4462175	23176888.8	
4462289	Magic Leap, Inc.	03/07/2019	4462289	24202115.2	
4462467	STMicroelectronics International N.V.	11/04/2024	4462467	24169742.4	
4463573	Radmat AG	11/01/2023	4463573	23701191.1	German
4463663	ARISTON S.P.A.	22/12/2022	4463663	22844683.7	
4464255	Stryker Corporation	25/06/2020	4464255	24205116.7	
4464300	Guangdong Jianliuyan Medical Technology Co., Ltd.	02/03/2023	4464300	23869464.0	
4464346	B. Braun Melsungen AG	02/05/2024	4464346	24173829.3	German
4464498	Resonac Corporation	06/10/2020	4464498	24204597.9	
4464984	Beijing Xiaomi Robot Technology Co., Ltd.	08/09/2023	4464984	23196358.8	
4465108	Miltenyi Biotec B.V. & Co. KG	14/05/2024	4465108	24175595.8	
4465134	Glashütter Uhrenbetrieb GmbH	15/05/2023	4465134	23173390.8	French
4466157	Siemens Energy Global GmbH & Co. KG	23/12/2022	4466157	22843815.6	German
4466484	Husqvarna AB	12/12/2022	4466484	22826467.7	
4466745	MB Automation GmbH & Co. KG	03/05/2023	4466745	23725121.0	German
4466870	Lenovo (Singapore) Pte. Ltd	23/09/2022	4466870	22786948.4	
4467086	Stryker European Operations Holdings LLC	08/05/2019	4467086	24205265.2	
4467574	Biomol Med Sp z o. o.	23/05/2023	4467574	23020240.0	
4468547	Energie-Studio Höfer GmbH	25/05/2023	4468547	23020252.5	German
4468760	Miele & Cie. KG	19/04/2024	4468760	24171180.3	German
4469781	Washington University Aerosol Dynamics Inc.	27/01/2023	4469781	23706979.4	
4469932	QUALCOMM Incorporated	11/01/2023	4469932	23706462.1	
4470632	Chuang, Lung-Fei	29/04/2024	4470632	24173136.3	
4470811	Stellantis Auto SAS	24/04/2024	4470811	24172183.6	French
4470981	Taishan Fiberglass Inc.	26/07/2023	4470981	23923206.9	
4471190	Zhonghuan Advanced Semiconductor Technology Co., Ltd.	29/09/2022	4471190	22923311.9	
4471224	EWALD DÖRKEN AG	23/05/2024	4471224	24177519.6	German
4471330	P & P Industries AG	01/06/2023	4471330	23176756.7	
4471371	Koh Young Technology Inc.	29/06/2020	4471371	24206879.9	
4471556	NXP B.V.	01/06/2023	4471556	23176843.3	
4471576	Samsung SDS Co., Ltd.	17/05/2024	4471576	24176489.3	
4471609	Infineon Technologies Canada Inc.	21/05/2024	4471609	24176955.3	
4471648	Airbus Operations (S.A.S.)	27/05/2024	4471648	24178317.4	French
4472137	Visa International Service Association	20/03/2018	4472137	24207264.3	
4472394	LFoundry S.r.l.	17/05/2019	4472394	24190841.7	
4472395	STMicroelectronics International N.V.	27/05/2024	4472395	24178242.4	French
4472536	I.T.S. GmbH	18/01/2023	4472536	23705467.1	German

4473080	The Procter & Gamble Company	03/02/2022	4473080	22705356.8	
4473157	Et pourquoi pas nous	30/01/2023	4473157	23706414.2	French
4473324	Siemens Energy, Inc.	15/03/2023	4473324	23715400.0	
4473413	Apple Inc.	12/01/2023	4473413	23750057.4	
4473890	SEB S.A.	03/06/2024	4473890	24179667.1	French
4474683	TOYOTA JIDOSHA KABUSHIKI KAISHA	12/04/2024	4474683	24170046.7	
4474884	Samsung Display Co., Ltd.	27/03/2024	4474884	24166604.9	
4474969	Getac Technology Corporation	26/09/2023	4474969	23199695.0	
4475052	Samsung Electronics Co., Ltd.	07/06/2024	4475052	24180873.2	
4475203	Prime Planet Energy & Solutions, Inc.	29/05/2024	4475203	24178756.3	
4475259	Samsung SDI Co., Ltd.	27/03/2024	4475259	24166633.8	
4475276	Eve Energy Co., Ltd.	02/11/2023	4475276	23207567.1	
4475302	LG Energy Solution, Ltd.	14/07/2023	4475302	23877435.0	
4476122	Sika Technology AG	01/02/2023	4476122	23702172.0	German
4476815	Siemens Energy, Inc.	27/03/2023	4476815	23721204.8	
4476885	Ivanti, Inc.	10/03/2023	4476885	23714981.0	
4477285	Sony Interactive Entertainment Inc.	20/06/2019	4477285	24190871.4	
4477472	Ford Global Technologies, LLC	08/11/2022	4477472	24175813.5	German
4477476	Volvo Car Corporation	15/06/2023	4477476	23179552.7	
4477519	Trickstuff GmbH	13/06/2024	4477519	24181999.4	German
4477863	Rolls-Royce plc	21/05/2024	4477863	24176929.8	
4477957	Miele & Cie. KG	23/05/2024	4477957	24177506.3	German
4478258	Credo.AI Corp.	27/10/2022	4478258	24184139.4	
4478576	NXP USA, Inc.	15/06/2023	4478576	23179479.3	
4479272	HELLA GMBH & CO. KGAA	31/01/2023	4479272	23702790.9	German
4480359	SEB S.A.	14/06/2024	4480359	24182303.8	French
4480519	Uniwersytet Zielonogórski	18/06/2023	4480519	23461608.4	
4480574	SOPREMA	01/04/2021	4480574	24185710.1	French
4480899	STMicroelectronics International N.V.	05/06/2024	4480899	24180148.9	
4481001	La Boulangère	19/06/2024	4481001	24183119.7	French
4481345	Ruhr-Universität Bochum	31/05/2024	4481345	24179178.9	German
4481844	LG Energy Solution, Ltd.	21/06/2024	4481844	24183573.5	
4481994	Hyundai Mobis Co., Ltd.	19/03/2024	4481994	24164504.3	
4482011	Honor Device Co., Ltd.	08/09/2023	4482011	23870270.8	
4482327	La Sanfermese S.p.A.	20/02/2023	4482327	23706023.1	
4482579	Lhotse Bio, Inc.	25/02/2023	4482579	23710201.7	
4482822	Stamicarbon B.V.	21/02/2023	4482822	23707190.7	
4483020	VKR Holding A/S	31/03/2023	4483020	23719283.6	
4483244	VOLVO TRUCK CORPORATION	21/02/2022	4483244	22706849.1	
4483268	QUALCOMM INCORPORATED	09/01/2023	4483268	23704518.2	
4483734	Dainese S.p.A.	28/05/2024	4483734	24178567.4	
4483870	Orphanix GmbH	26/11/2019	4483870	24195362.9	
4484028	Scleros S.p.A.	25/06/2024	4484028	24184499.2	
4484090	Panasonic Intellectual Property Management Co., Ltd.	12/06/2024	4484090	24181689.1	
4484312	The Procter & Gamble Company	02/02/2024	4484312	24155430.2	
4484694	Gretsch-Unitas GmbH Baubeschläge	29/05/2024	4484694	24178868.6	German
4484968	STMicroelectronics International N.V.	21/06/2024	4484968	24183859.8	French
4485060	LG Electronics Inc.	28/05/2024	4485060	24178493.3	
4485166	Hand Held Products, Inc.	18/06/2021	4485166	24213326.2	
4485496	Schneider Electric Industries SAS	14/06/2024	4485496	24182435.8	French
4486475	Universal City Studios LLC	02/03/2023	4486475	23716709.3	
4486552	Lectra	04/04/2023	4486552	23725270.5	French
4486812	BASF Coatings GmbH	02/03/2023	4486812	23707764.9	
4487024	Physik Instrumente (PI) SE & Co. KG	27/02/2023	4487024	23708718.4	German
4487069	Lyophitech	27/02/2023	4487069	23708725.9	French
4487158	Abberior Instruments GmbH	01/03/2023	4487158	23709166.5	
4487521	Teranode Infrastructure Services GmbH	01/03/2023	4487521	23709151.7	
4487645	GOOGLE LLC	07/04/2023	4487645	23721155.2	
4488557	GEMÜ Gebr. Müller Apparatebau GmbH & Co. Kommanditgesellschaft	18/07/2022	4488557	24214485.5	German

4488579	Ningbo Richen Electrical Appliance Co., Ltd.	24/06/2024	4488579	24183993.5	
4488621	AB Sandvik Coromant	07/07/2023	4488621	23184095.0	
4488645	Direct-C Limited Henkel AG & Co. KGaA	05/07/2023	4488645	23183724.6	
4488770	Seiko Epson Corporation	05/07/2024	4488770	24186724.1	
4488785	TOYOTA MATERIAL HANDLING MANUFACTURING ITALY S.p.A	28/06/2024	4488785	24185394.4	
4489623	Société des Produits Nestlé S.A.	07/03/2023	4489623	23710294.2	
4489697	Fondazione Istituto Italiano di Tecnologia INAIL - Istituto Nazionale per l'Assicurazione contro gli Infortuni sul Lavoro	08/03/2023	4489697	23713433.3	
4489709	Essity Hygiene and Health Aktiebolag	09/03/2022	4489709	22710617.6	
4489854	Siemens Healthineers International AG	27/02/2023	4489854	23713783.1	
4489951	Holzbau Unterrainer GmbH Maschinenbau Unterlercher GmbH	06/03/2023	4489951	23718712.5	German
4490012	Siemens Mobility GmbH	06/06/2023	4490012	23733871.0	German
4490088	A.Celli Nonwovens S.P.A.	10/03/2023	4490088	23709727.4	
4490140	Bromine Compounds Ltd.	05/03/2023	4490140	23717261.4	
4490146	Amgen Inc.	06/03/2023	4490146	23716092.4	
4490503	PVA TePla Analytical Systems GmbH	27/09/2023	4490503	23782853.8	German
4490703	Bristol-Myers Squibb Company	20/04/2023	4490703	23724507.1	
4490881	British Telecommunications public limited company	10/02/2023	4490881	23704938.2	
4490920	Dolby Laboratories Licensing Corporation	03/03/2023	4490920	23712137.1	
4490943	QUALCOMM INCORPORATED	18/05/2022	4490943	22731860.7	
4491005	Nanjing Chervon Industry Co., Ltd.	30/11/2023	4491005	23899882.7	
4491076	Suzhou Songmu Technology Co., Ltd.	06/07/2023	4491076	23855774.8	
4491160	Arthrex, Inc	15/02/2022	4491160	24216471.3	
4491289	Stichting Koninklijk Nederlands Lucht- en Ruimtevaartcentrum	12/07/2023	4491289	23185030.6	
4491363	Comec - Costruzioni Meccaniche Innovative S.r.l.	10/07/2024	4491363	24187749.7	
4491941	Marelli Automotive Lighting Italy S.p.A. Con Socio Unico	09/07/2024	4491941	24187298.5	
4491960	Microjet Technology Co., Ltd.	11/06/2024	4491960	24181405.2	
4493369	Koenig & Bauer AG	13/10/2023	4493369	23790272.1	German
4493427	IVECO FRANCE S.A.S.	14/03/2023	4493427	23723640.1	
4493486	Richter, Bodo	13/03/2023	4493486	23711426.9	German
4493811	Safran Ceramics	08/03/2023	4493811	23713711.2	French
4494182	Alpha Assembly Solutions Inc.	15/03/2023	4494182	23713579.3	
4495435	OBO Bettermann Hungary Kft.	17/07/2024	4495435	24189053.2	German
4496075	SAMSUNG SDI CO., LTD.	05/07/2024	4496075	24186882.7	
4496409	VIVO MOBILE COMMUNICATION CO., LTD.	15/03/2023	4496409	23769834.5	
4496493	Velcro IP Holdings LLC	09/06/2023	4496493	23738972.1	
4496917	Owens Corning Intellectual Capital, LLC	23/03/2023	4496917	23713113.1	
4497052	Belimo Holding AG	10/03/2023	4497052	23710347.8	
4497075	British Telecommunications public limited company	27/02/2023	4497075	23706373.0	
4497076	British Telecommunications public limited company	27/02/2023	4497076	23706374.8	
4497533	Officina Meccanica Lombarda S.r.l.	26/06/2024	4497533	24184761.5	
4497632	Ningbo Xuli Metal Products Co., Ltd	26/01/2024	4497632	24154160.6	
4497971	BKW Holding B.V.	20/05/2024	4497971	24176908.2	
4498212	NXP B.V.	24/07/2023	4498212	23306277.7	
4498631	Nagravision Sàrl	25/07/2023	4498631	23187595.6	
4498711	LG Electronics Inc.	22/07/2024	4498711	24189937.6	
4499024	Société d'Exploitation de Produits pour les Industries Chimiques SEPPIC TotalEnergies OneTech	23/03/2023	4499024	23713116.4	French

4499310	TIDI Products, LLC	23/03/2023	4499310	23775679.6	
4499467	Brembo S.p.A.	24/03/2023	4499467	23717647.4	
4499582	Türkiye Sise Ve Cam Fabrikalari Anonim Sirketi	16/01/2023	4499582	23781514.7	
4499611	Rarefied Biosciences, Inc.	30/03/2023	4499611	23720428.4	
4499620	Bayer Aktiengesellschaft	23/03/2023	4499620	23713121.4	German
4499968	Renson NV	07/03/2023	4499968	23710934.3	
4500279	Parmigiani Fleurier S.A.	13/03/2023	4500279	23714097.5	French
4500424	Siemens Aktiengesellschaft	21/06/2023	4500424	23738629.7	German
4500569	Marquardt GmbH	08/08/2023	4500569	23754749.2	German
4500680	4QT GmbH	23/03/2023	4500680	23714509.9	
4500835	Microsoft Technology Licensing, LLC	24/12/2022	4500835	22854596.8	
4501092	KUBOTA CORPORATION	24/04/2024	4501092	24172218.0	
4501567	Attema B.V.	01/08/2024	4501567	24192222.8	
4501586	The Boeing Company	08/07/2024	4501586	24187041.9	
4501734	Hyundai Mobis Co., Ltd.	05/07/2024	4501734	24186723.3	
4502263	Miele & Cie. KG	17/07/2024	4502263	24189041.7	German
4502532	Xiamen Weiya Intelligent Technology Co., Ltd Xiamen Leading Intelligent Generation Co., Ltd.	06/02/2024	4502532	24709289.3	
4503036	Imec VZW	02/08/2023	4503036	23189172.2	
4503354	ABB S.p.A.	03/08/2023	4503354	23189362.9	
4503845	LG Electronics Inc.	20/11/2020	4503845	24220216.6	
4504054	META PLATFORMS TECHNOLOGIES, LLC	04/04/2023	4504054	23723689.8	
4504167	Dr. Kurt Wolff GmbH & Co. KG	06/04/2023	4504167	23719002.0	German
4504305	SHL Medical AG	24/03/2023	4504305	23711753.6	
4504559	Magna Seating Inc.	03/04/2023	4504559	23718959.2	
4504562	Kabkin GmbH & Co. KG	03/04/2023	4504562	23717455.2	German
4504581	Sport Import GmbH	31/03/2023	4504581	23716510.5	German
4505018	AKTIESELSKABET ROLD SKOV SAVVÆRK	23/03/2023	4505018	23715067.7	
4505305	Five AI Limited	30/03/2023	4505305	23716288.8	
4506338	Millennium Enterprises, Inc.	17/04/2024	4506338	24170811.4	
4506610	Bayerische Motoren Werke Aktiengesellschaft	10/08/2023	4506610	23190743.7	
4506656	JUKI Corporation	31/07/2024	4506656	24192030.5	
4506678	Irubis GmbH	09/08/2023	4506678	23190548.0	German
4506774	Beijing Xiaomi Robot Technology Co., Ltd.	13/05/2024	4506774	24175469.6	
4506783	Samsung Display Co., Ltd.	05/08/2024	4506783	24192960.3	
4507394	ZTE Corporation	12/01/2023	4507394	23784072.3	
4507501	UNIVERSITA' DEGLI STUDI DI CAGLIARI	13/04/2023	4507501	23723086.7	
4507554	Endostart S.r.l.	28/03/2023	4507554	23716935.4	
4508293	Flexis	03/04/2023	4508293	23716316.7	French
4508412	Horiba ABX SAS	14/04/2023	4508412	23725281.2	French
4508887	Lenovo (Singapore) Pte. Ltd.	20/05/2022	4508887	22732020.7	
4509260	Sanjet International Co., Ltd.	12/01/2024	4509260	24151630.1	
4509550	Dongguan Jinlv New Materials Co., Ltd.	29/04/2024	4509550	24172936.7	
4509941	Samsung SDI Co., Ltd.	01/12/2023	4509941	23213814.9	
4510164	Li, Wenjie	12/09/2023	4510164	23196821.5	
4510446	NXP USA, Inc.	14/08/2023	4510446	23306374.2	
4510508	BlackBerry Limited	08/12/2022	4510508	24214030.9	
4510609	SAMSUNG SDI CO., LTD. Seoul National University R&DB Foundation	11/06/2024	4510609	24181407.8	
4511699	DAPPLER LABS AB	18/04/2023	4511699	23720815.2	
4511795	Caterpillar SARL	18/04/2023	4511795	23721591.8	
4511884	Commissariat à l'Energie Atomique et aux Energies Alternatives	22/03/2023	4511884	23716351.4	French
4512150	QUALCOMM INCORPORATED	07/03/2023	4512150	23714967.9	

4512580	Samsung Electronics Co., Ltd.	07/08/2023	4512580	23857609.4	
4512635	Sumitomo Rubber Industries, Ltd.	09/07/2024	4512635	24187272.0	
4513487	Yangtze Memory Technologies Co., Ltd.	26/11/2020	4513487	25150447.8	
4513831	Canon Kabushiki Kaisha	09/08/2024	4513831	24193829.9	
4514473	Bristol-Myers Squibb Company	27/04/2023	4514473	23729875.7	
4514637	Cooper-Standard France	27/04/2023	4514637	23720916.8	French
4514646	Siemens Mobility GmbH	19/07/2023	4514646	23751547.3	German
4515091	SAFRAN	25/04/2023	4515091	23720910.1	French
4516342	Daewoong Pharmaceutical Co., Ltd.	27/11/2018	4516342	24221677.8	
4517357	Siemens Healthcare Limited	31/08/2023	4517357	23275131.3	
4518047	A.A.G. Stucchi S.r.l.	09/12/2020	4518047	25151796.7	
4518641	The Toro Company	25/04/2023	4518641	23725488.3	
4518988	Fc Fabbri Park S.R.L.	04/05/2023	4518988	23727886.6	
4519568	Atlas Copco Airpower, Naamloze Vennootschap	28/04/2023	4519568	23725430.5	
4519642	Analog Devices International Unlimited Company	29/06/2023	4519642	23736329.6	
4519652	TotalEnergies OneTech	06/05/2022	4519652	22741366.3	
4520192	G.D S.p.A.	04/09/2024	4520192	24198366.7	
4520194	G.D S.p.A.	04/09/2024	4520194	24198387.3	
4520864	Electrolux Professional AB (publ)	28/11/2017	4520864	24219879.4	
4520960	ADMEDE AB	06/09/2023	4520960	23195802.6	
4521072	Friedrich Vorwerk SE & Co. KG	05/09/2023	4521072	23195480.1	German
4521351	Siemens Healthineers AG	11/09/2023	4521351	23196632.6	German
4521429	Biosense Webster (Israel) Ltd.	16/08/2024	4521429	24194993.2	
4521907	Amazonen-Werke H. Dreyer SE & Co. KG	02/05/2023	4521907	23725107.9	German
4522286	S.C.P. Phorcys Diving	10/05/2023	4522286	23726336.3	French
4522310	TotalEnergies One Tech	12/05/2022	4522310	22732598.2	French
4522874	fischerwerke GmbH & Co. KG	02/05/2023	4522874	23721957.1	German
4523134	Lux-Ident Germany GmbH Assa Abloy AB	10/05/2022	4523134	22728795.0	
4523290	INL - International Iberian Nanotechnology Laboratory	28/06/2023	4523290	23744551.5	
4523376	Cisco Technology, Inc.	11/05/2023	4523376	23732238.3	
4523630	Siemens Healthineers AG	14/09/2023	4523630	23197481.7	German
4524071	BOBST MEX SA	14/09/2023	4524071	23197323.1	
4525047	NXP B.V.	18/09/2023	4525047	23197929.5	
4525346	nChain Licensing AG	05/05/2020	4525346	25155623.9	
4526012	MANN+HUMMEL GmbH	12/05/2023	4526012	23726483.3	
4526548	Advantek Waste Management Services, LLC	15/05/2023	4526548	23808495.8	
4526588	Piaggio & C. S.P.A.	17/05/2023	4526588	23729852.6	
4526939	Robert Bosch GmbH	13/04/2023	4526939	23720244.5	German
4527064	ISL - Institut franco-allemand de recherches de Saint-Louis	02/05/2023	4527064	23727076.4	French
4527159	Siemens Aktiengesellschaft	19/06/2023	4527159	23734915.4	German
4527716	HONDA MOTOR CO., LTD.	12/09/2024	4527716	24199934.1	
4528193	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	05/09/2024	4528193	24198708.0	French
4528237	Leica Microsystems CMS GmbH	22/09/2023	4528237	23199001.1	
4528519	Honor Device Co., Ltd.	27/03/2024	4528519	24743645.4	
4528837	LG Energy Solution, Ltd.	07/10/2021	4528837	25154903.6	
4529084	GloBra GmbH	28/09/2018	4529084	25151246.3	German
4529581	Abloy Oy	13/04/2023	4529581	23722611.3	
4529811	SEB S.A.	26/09/2024	4529811	24202747.2	French
4529853	Siemens Healthineers AG	26/09/2023	4529853	23199724.8	German
4529924	LTS Lohmann Therapie-Systeme AG	28/09/2023	4529924	23200597.5	
4530059	Gongyi Van-Research Innovation Composite Material Co., Ltd.	20/09/2024	4530059	24201609.5	
4531639	Lavazza Professional North America LLC	25/05/2023	4531639	23733155.8	
4531687	Koninklijke Philips N.V.	29/05/2023	4531687	23728781.8	

4531690	Koninklijke Philips N.V.	22/05/2023	4531690	23727584.7	
4532205	SISER S.R.L. (società unipersonale)	05/05/2023	4532205	23724404.1	
4532242	AUO Mobility Solutions Germany GmbH	01/06/2023	4532242	23730760.8	German
4532275	Robert Bosch GmbH	25/05/2023	4532275	23727619.1	German
4532280	Robert Bosch GmbH	22/05/2023	4532280	23729034.1	German
4532374	Marchesini Group S.p.A.	23/05/2023	4532374	23732206.0	
4532982	Signify Holding B.V.	17/05/2023	4532982	23726410.6	
4533602	Safran Electronics & Defense	22/05/2023	4533602	23725261.4	French
4534404	Yanmar Holdings Co., Ltd.	09/09/2024	4534404	24199336.9	
4534466	Wittur Holding GmbH	20/12/2022	4534466	25158860.4	German
4534756	Seiko Epson Corporation	01/10/2024	4534756	24203815.6	
4534757	Seiko Epson Corporation	01/10/2024	4534757	24203816.4	
4534791	Inzinger, Andreas Ufertinger, Marc	04/10/2024	4534791	24204671.2	German
4536312	Maquet Critical Care AB	05/06/2023	4536312	23730611.3	
4536489	Pirelli Tyre S.p.A.	06/06/2023	4536489	23736195.1	
4536977	SAFRAN AIRCRAFT ENGINES	07/06/2023	4536977	23736158.9	French
4537018	Carbodown	05/06/2023	4537018	23731186.5	French
4537045	Traak	09/06/2023	4537045	23733231.7	French
4537418	AUDI AG	30/05/2023	4537418	23729741.1	German
4537705	King Slide Works Co., Ltd. King Slide Technology Co., Ltd.	17/04/2024	4537705	24170777.7	
4538121	TOYOTA JIDOSHA KABUSHIKI KAISHA	04/10/2024	4538121	24204695.1	
4538522	NISSAN MOTOR CO., LTD.	06/06/2022	4538522	22945689.2	
4538722	The Boeing Company	08/10/2024	4538722	24205147.2	
4539734	Policlinico San Donato S.p.A.	16/06/2023	4539734	23738580.2	
4539795	Essity Hygiene and Health Aktiebolag	17/06/2022	4539795	22735383.6	
4540053	Bridgestone Europe NV/SA	16/06/2023	4540053	23736476.5	
4540353	Dow Global Technologies LLC	06/07/2023	4540353	23751472.4	
4540687	Microsoft Technology Licensing, LLC	11/05/2023	4540687	23730255.9	
4540729	Microsoft Technology Licensing, LLC	16/05/2023	4540729	23733093.1	
4540847	ASSA ABLOY AB	01/06/2023	4540847	23731569.2	
4541156	Merck Patent GmbH	16/06/2023	4541156	23733303.4	German
4542234	LiqBio biomedical company limited	25/06/2024	4542234	24184201.2	
4542235	LiqBio biomedical company limited	25/06/2024	4542235	24184211.1	
4542510	TOYOTA JIDOSHA KABUSHIKI KAISHA	03/10/2024	4542510	24204506.0	
4543213	Granarolo S.P.A.	23/06/2023	4543213	23742413.0	
4543269	Levara ApS	19/05/2023	4543269	23728682.8	
4543644	Koninklijke Philips N.V.	08/06/2023	4543644	23732443.9	
4543965	Dow Silicones Corporation	21/06/2023	4543965	23741204.4	
4544216	PLASTIC OMNIUM NEW ENERGIES FRANCE	23/06/2023	4544216	23734284.5	French
4544795	AUDI AG	13/09/2023	4544795	23772437.2	German
4544947	Nike Innovate C.V.	18/02/2021	4544947	25162268.4	
4545055	Fameccanica.Data S.p.A.	09/10/2024	4545055	24205462.5	
4545248	Sanjet International Co., Ltd.	26/10/2023	4545248	23205986.5	
4545341	Hitachi, Ltd.	24/10/2023	4545341	23290038.1	
4545391	VOLVO TRUCK CORPORATION	25/10/2023	4545391	23205693.7	
4545447	Zoeller Tech Sp. z.o.o.	19/09/2024	4545447	24201230.0	German
4545541	Zhejiang University of Technology Zhejiang Huaxian Photoelectricity Technology Co., Ltd	30/06/2023	4545541	23849121.1	
4545591	Wuhu Midea Smart Kitchen Appliance Manufacturing Co., Ltd.	22/10/2024	4545591	24208048.9	
4546392	JEOL Ltd.	16/10/2024	4546392	24206979.7	
4546573	Japan Aviation Electronics Industry, Limited	09/09/2024	4546573	24199328.6	
4547499	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	29/06/2023	4547499	23736109.2	French

4547688	Institut für Virologie und Immunologie (IVI) Twincore, Zentrum für Experimentelle und Klinische Infektionsforschung GmbH Universität Bern	30/06/2023	4547688	23736351.0	
4548218	Genesys Cloud Services, Inc.	25/04/2024	4548218	24730477.7	
4548236	ARM Limited	01/06/2023	4548236	23729156.2	
4550194	Dalux ApS	22/04/2024	4550194	24171667.9	
4551155	Assistance Publique - Hôpitaux de Paris	30/06/2023	4551155	23736143.1	French
4551221	Initiator Pharma A/S	05/07/2023	4551221	23735068.1	
4551367	Koninklijke Philips N.V.	03/07/2023	4551367	23736736.2	
4551986	Lumus Ltd.	17/10/2023	4551986	23879303.8	
4552437	Koninklijke Philips N.V.	21/12/2023	4552437	23848514.8	
4552855	Meccanotecnica S.p.A.	03/10/2024	4552855	24204412.1	
4552954	Rheinmetall Landsysteme GmbH	26/08/2024	4552954	24196500.3	German
4553358	Eagle Industry Co., Ltd.	24/09/2021	4553358	25166558.4	
4553752	INTEL Corporation	23/03/2018	4553752	25167264.8	
4553971	Hithium Tech HK Limited	06/11/2024	4553971	24211106.0	
4554989	INEOS Styrolution Group GmbH	13/07/2023	4554989	23741411.5	German
4556085	Smovey GmbH	14/11/2023	4556085	23209690.9	German
4556385	GREIF-VELOX Maschinenfabrik GmbH	20/11/2023	4556385	23210816.7	German
4556754	Zöllner-Kipper GmbH	11/11/2024	4556754	24211948.5	German
4557697	Umbra Technologies Ltd.	07/04/2016	4557697	25168924.6	
4557932	Commissariat à l'Energie Atomique et aux Energies Alternatives	08/11/2024	4557932	24211903.0	French
4559638	Kabushiki Kaisha Yaskawa Denki	31/10/2024	4559638	24210303.4	
4561883	Koninklijke Philips N.V.	26/07/2023	4561883	23745534.0	
4562370	Mercedes-Benz Group AG	27/06/2023	4562370	23735725.6	German
4563240	Yuyao AoHong Plastics Co., Ltd	14/05/2024	4563240	24175811.9	
4563549	The Boeing Company	25/09/2024	4563549	24202438.8	
4565118	Arterya	03/07/2023	4565118	23738492.0	French
4565624	SABIC Global Technologies B.V.	13/07/2023	4565624	23741407.3	
4566820	Seiko Epson Corporation	04/12/2024	4566820	24217353.2	
4566974	Kyocera Document Solutions Inc.	02/12/2024	4566974	24216792.2	
4567361	SWISS KRONO Tec AG	08/12/2023	4567361	23215267.8	German
4567362	SWISS KRONO Tec AG	08/12/2023	4567362	23215268.6	German
4567411	Nexans	19/11/2024	4567411	24306933.3	
4568180	SAP SE	15/10/2024	4568180	24206608.2	
4569016	Ligneasy Oy	21/08/2024	4569016	24761675.8	
4569058	Shell Internationale Research Maatschappij B.V.	02/08/2023	4569058	23751928.5	
4569299	Mercedes-Benz Group AG	07/03/2024	4569299	24711474.7	German
4569338	British Telecommunications Public Limited Company	11/07/2023	4569338	23741647.4	
4570289	Guangzhou Landswick Medical Technologies Ltd.	09/04/2024	4570289	24727134.9	
4570507	Shanghai Onlytec Equipment Co., Ltd.	04/07/2024	4570507	24186673.0	
4570604	HL Mando Corporation	20/08/2024	4570604	24195414.8	
4571101	VESTAS WIND SYSTEMS A/S	10/12/2024	4571101	24218546.0	
4571377	Hauff-Technik GRIDCOM GmbH	14/12/2023	4571377	23216760.1	German
4571666	SICK AG	19/11/2024	4571666	24214006.9	German
4573884	Maschinenfabrik Bernard Krone GmbH & Co. KG	25/10/2024	4573884	24208903.5	German
4574615	SpeedInnov	22/12/2023	4574615	23307362.6	French
4574641	Volvo Penta Corporation	20/12/2023	4574641	23218497.8	
4574771	Korea Conformity Laboratories	26/02/2024	4574771	24159725.1	
4574935	ENEOS Corporation	20/12/2021	4574935	25166639.2	
4575294	Prosystem Group Srl	27/11/2024	4575294	24215670.1	
4576145	Schneider Electric España, S.A.	22/12/2023	4576145	23383365.6	
4577057	Givaudan SA	18/08/2023	4577057	23761088.6	
4577276	CAMBRIDGE HEALTHCARE INNOVATIONS LIMITED	06/12/2023	4577276	23825230.8	

4578249	Signify Holding B.V.	18/08/2023	4578249	23755422.5	
4579065	Commissariat à l'Energie Atomique et aux Energies Alternatives	19/12/2024	4579065	24221909.5	French
4582944	Beijing Volcano Engine Technology Co., Ltd.	04/10/2024	4582944	24204822.1	
4583769	Maquet Critical Care AB	29/11/2023	4583769	23817861.0	
4583772	Munkplast AB	09/09/2022	4583772	22777738.0	
4584051	Wandercraft	05/09/2023	4584051	23777009.4	French
4584192	INVENTIO AG	05/09/2023	4584192	23764943.9	
4587429	Bristol-Myers Squibb Company	12/09/2024	4587429	24782711.6	
4588790	Leonardo S.p.a.	16/01/2024	4588790	24152065.9	
4588868	Völker GmbH	21/01/2025	4588868	25153061.4	German
4589825	Tianjin University	14/01/2025	4589825	25151817.1	
4591083	Mercedes-Benz Group AG	04/11/2024	4591083	24801513.3	German
4591748	ASICS Corporation	17/01/2025	4591748	25152650.5	
4595110	Texas Instruments Incorporated	02/10/2023	4595110	23801182.9	
4595288	Ciena Corporation	21/11/2024	4595288	24827328.6	
4596884	Rotech Group Limited	19/01/2023	4596884	25183246.5	
4598403	Versuni Holding B.V.	16/12/2024	4598403	24833937.6	
4598404	Société des Produits Nestlé S.A.	03/10/2023	4598404	23783405.6	
4599228	Sensirion AG	13/12/2024	4599228	24834620.7	German
4600968	Tata Consultancy Services Limited	03/02/2025	4600968	25155469.7	
4601514	Société des Produits Nestlé S.A.	09/10/2023	4601514	23786073.9	
4601587	Otto Bock Healthcare Products GmbH	05/10/2023	4601587	23786518.3	German
4601880	Sun Chemical B.V.	27/11/2023	4601880	23813383.9	
4602677	Verkor	20/11/2024	4602677	24817436.9	French
4602732	Telefonaktiebolaget LM Ericsson (publ)	07/12/2022	4602732	22830825.0	
4602860	Koninklijke Philips N.V.	27/10/2023	4602860	23813912.5	
4605225	Nippon Kormeyer Carbon Group GmbH	24/01/2023	4605225	23702754.5	German
4607906	FUJIFILM Business Innovation Corp.	10/07/2024	4607906	24187709.1	
4609897	Sanofi	28/02/2024	4609897	24315066.1	
4610494	Maximator GmbH	28/02/2024	4610494	24160196.2	German
4611185	Spinner GmbH	01/03/2024	4611185	24160900.7	
4613252	Intradin (Shanghai) Machinery Co., Ltd.	27/05/2024	4613252	24178187.1	
4616395	TAURIA OÜ	11/01/2023	4616395	23700740.6	
4619859	Mercedes-Benz Group AG	19/07/2024	4619859	24746332.6	German
4619991	Koninklijke Philips N.V.	18/06/2024	4619991	24732537.6	
4623250	ARISTON S.P.A.	15/05/2024	4623250	24726997.0	
4623617	Ofinno, LLC	10/05/2024	4623617	24734197.7	
4624941	LEM International SA	28/03/2024	4624941	24167579.2	
4630681	Voith Patent GmbH	10/11/2023	4630681	23805922.4	German
4631737	Giesecke+Devrient ePayments GmbH	06/02/2025	4631737	25156131.2	German
4632374	Heraeus Electro-Nite International N.V.	12/06/2024	4632374	24181621.4	
4632430	SICK AG	09/04/2024	4632430	24169309.2	German
4635738	Dongguan Jiaxi Office Machine Co., Ltd.	23/08/2024	4635738	24196160.6	
4636317	Faber S.p.A.	15/04/2024	4636317	24170305.7	
4639841	Telefonaktiebolaget LM Ericsson (publ)	22/12/2022	4639841	22840353.1	
4640080	Shenzhen Impetus Technology Co, Ltd	14/02/2025	4640080	25157949.6	
4646582	BIT GROUP FRANCE	21/03/2023	4646582	23720354.2	
4648734	Saes Getters S.p.A.	04/04/2025	4648734	25717063.9	
4648753	Vertex Pharmaceuticals Incorporated	06/02/2025	4648753	25708607.4	
4652509	MITSUBISHI ELECTRIC CORPORATION	08/11/2024	4652509	24821608.7	
4659067	CooperVision International Limited	24/04/2025	4659067	25723965.7	
4677377	Západočeská univerzita v Plzni	28/01/2025	4677377	25710722.7	
4677717	Beckhoff Automation GmbH	10/04/2024	4677717	24718771.9	German
4677953	I.R.C.A. S.p.a. Industria Resistenze Corazzate e Affini	15/11/2024	4677953	24821154.2	

## Applications Lapsed Through Non-Payment of Renewal Fees Section (35) 1

20210108	Int. Cl. (2025.01) <b>F24H 9/00</b> . Heating device and air box. BOSCH THERMOTECHNOLOGY LTD (UK)
S20230144	Int. Cl. (2025.01) <b>B01J 20/00; C02F 1/00</b> . A HEAVY METAL ADSORBENT AND ITS PREPARATION METHOD AND APPLICATION. CHINA UNIVERSITY OF MINING & TECHNOLOGY (BEIJING)
20230149	Automatic interconnecting Refrigerated container. JOHN HORGAN
S20230154	BIO-SEED COATING AGENT BASED ON TRICHODERMA-BACILLUS SEQUENTIAL INOCULATION CO-CULTURE FERMENTATION BROTH AND PREPARATION METHOD THEREOF. SHANGHAI JIAO TONG UNIVERSITY
S20230155	PREPARATION METHOD FOR RAT MODEL OF VENOUS ULCER OF HIND LIMBS AND APPLICATION THEREOF. AFFILIATED HOSPITAL OF SHANDONG UNIVERSITY OF TRADITIONAL CHINESE MEDICINE
S20230178	INTEGRATED CENTRIFUGAL ELECTROSPINNING APPARATUS. BEIJING UNIVERSITY OF CHEMICAL TECHNOLOGY
S20230183	NOVEL IRIDOID GLYCOSIDES, PREPARATION METHOD AND MEDICAL APPLICATION THEREOF. TAIZHOU UNIVERSITY
20230196	Wholeness Skincare. ELVIRA FERNANDEZ OCAÑA

---

## Refused - Section 31(1)

S20230064	Int. Cl. (2025.01) <b>C08G 59/00; C08G 69/00; C08G 81/00; C09J 187/00; D21F 5/00</b> . WATERBORNE CREPING ADHESIVE AND ITS PREPARATION METHOD AND APPLICATION. INSTITUTE OF CHEMICAL INDUSTRY OF FOREST PRODUCTS, CHINESE ACADEMY OF FORESTRY; NANJING ISLANDER NEW MATERIALS SCIENCE AND TECHNOLOGY CO., LTD
S20230090	Int. Cl. (2025.01) <b>C02F 3/00</b> . SYSTEM FOR PREVENTING CYANOBACTERIA BLOOM ECOLOGICALLY. FUDAN UNIVERSITY; CHENGDU UNIVERSITY OF TECHNOLOGY; FUSHENGYUAN ENVIRONMENTAL TECHNOLOGY (JIANGSU) CO., LTD.
S20230098	Int. Cl. (2025.01) <b>C02F 3/00</b> . TECHNICAL SYSTEM FOR IMPROVING AQUATIC ORGANISMS DIVERSITY IN LAKES. CHENGDU UNIVERSITY OF TECHNOLOGY; INSTITUTE OF AQUATIC SCIENCES, ACADEMY OF AGRICULTURAL AND ANIMAL HUSBANDRY SCIENCES, TIBET AUTONOMOUS REGION; NEIJIANG ACADEMY OF AGRICULTURAL SCIENCES, NEIJIANG, CHINA; FUDAN UNIVERSITY
S20230122	Int. Cl. (2025.01) <b>C02F 9/00; C02F 1/00</b> . ADVANCED SEWAGE TREATMENT DEVICE AND MATHOD FOR THE SYNCHRONOUS REMOVAL OF POLUTANTS AND DISINFECTION. HARBIN INSTITUTE OF TECHNOLOGY

---

- S20230146 Int. Cl. (2025.01) **A61K 31/00**. A multi-biological natural product with neuron protection function and its application in preventing and treating degenerative diseases of nervous system. NINGBO COLLEGE OF HEALTH SCIENCES; WU ZHENGZHI
- S20230150 Int. Cl. (2025.01) **A61P 25/00**. A natural product with antagonistic MPP+ neurotoxicity and strong biological activity for protecting neurons and its application in preventing and treating Parkinson's disease. NINGBO COLLEGE OF HEALTH SCIENCES; WU ZHENGZHI
- S20230160 Int. Cl. (2025.01) **A01H 4/00**. PREPARATION METHOD FOR BACTERIOSTATIC OPEN TISSUE CULTURE CULTURE MEDIUM. YIBIN UNIVERSITY
- S20230193 Int. Cl. (2025.01) **G01N 29/00; G01N 1/00**. METHOD FOR DETECTING DEFECTS OF LARGE-SIZE AND HIGH-STRENGTH 7-SERIES ALUMINUM ALLOY INGOTS. XINJIANG UNIVERSITY; XINJIANG JOINWORLD COMPANY LIMITED
- S20230195 Int. Cl. (2025.01) **G01N 23/00**. METHOD FOR DETECTING AND ANALYZING DEFECTS OF THE 2-SERIES ALUMINUM ALLOY. XINJIANG UNIVERSITY; XINJIANG JOINWORLD COMPANY LIMITED
- S20230227 Int. Cl. (2025.01) **A01C 21/00**. BALANCED FERTILIZATION METHOD FOR WHEAT-CORN ROTATION STRAW RETURNING TO THE FIELD. SHANDONG ACADEMY OF AGRICULTURAL SCIENCES
- S20230233 Int. Cl. (2025.01) **F03B 13/00; F03B 11/00**. BIONIC EEL TYPE DEVICE FOR WAVE ENERGY POWER GENERATION CAPABLE OF BEING INTEGRATED WITH MULTIFUNCTIONAL OCEAN PLATFORM. HARBIN ENGINEERING UNIVERSITY
- S20230234 Int. Cl. (2025.01) **B07B 1/00**. SCREENING DEVICE FOR PREPARING ENVIRONMENT-FRIENDLY SOIL. GUIZHOU MEDICAL UNIVERSITY
- S20230250 Int. Cl. (2025.01) **B01D 5/00; C11B 9/00**. DEVICE FOR SEPARATING AND COLLECTING EFFECTIVE COMPONENTS IN BLUMEA BALSAMIFERA LEAVES. GUIZHOU VOCATIONAL COLLEGE OF AGRICULTURE
- S20230251 Int. Cl. (2025.01) **C11B 1/00; C11B 9/00**. DEVICE FOR CONVENIENTLY COLLECTING BLUMEA BALSAMIFERA POWDER AND BLUMEA BALSAMIFERA OIL EXTRACTED FROM BLUMEA BALSAMIFERA LEAVES. GUIZHOU VOCATIONAL COLLEGE OF AGRICULTURE
- S20230252 Int. Cl. (2025.01) **A61K 31/00; A61P 31/00; A61P 29/00**. APPLICATION FOR LIENSININE IN TREATING DISEASES RELATED TO ABNORMAL ACTIVATION OF NLRP3 INFLAMMASOMES. HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY UNION SHENZHEN HOSPITAL
- S20230253 Int. Cl. (2025.01) **A61K 36/00; A61K 47/00; A61K 9/00**. APPLICAITON PLASTER MEDICINE FOR REDUCING BLOOD GLUCOSE AND PREPARATION METHOD THEREOF. ZHAOQING UNIVERSITY
- S20230259 Int. Cl. (2025.01) **C08B 37/00; A61P 39/00; A61K 31/00; A23L 33/00**. ANTIOXIDANT APPLICATION FOR ALPINIA OFFICINARUM POLYSACCHARIDE AND ITS SEPARATION AND PURIFICATION METHOD. HAINAN MEDICAL UNIVERSITY
- S20230275 Int. Cl. (2025.01) **G16H 50/00**. Method for Predicting and Early Warning the Hand-Foot-Mouth Disease Epidemic Situation Based on Complex Network Theory and Its System. JIANG LI

- S20230291 Int. Cl. (2025.01) **G06Q 10/00**. A method for emergency decision-making in a repository for contingency events. CHINA UNIVERSITY OF PETROLEUM, BEIJING; DONG SHAOHUA
- S20230297 Int. Cl. (2025.01) **A61K 36/00; A61P 31/00; A61K 9/00**. An antiviral traditional Chinese medicine oral spray. THE SECOND PEOPLE'S HOSPITAL OF SHENZHEN; WU ZHENGZHI
- S20230298 Int. Cl. (2025.01) **A61Q 11/00; A61K 8/00**. A traditional Chinese medicine mouthwash for virus prevention. THE SECOND PEOPLE'S HOSPITAL OF SHENZHEN; WU ZHENGZHI
- S20230299 Int. Cl. (2025.01) **G01R 33/00**. A gradient coil for a magnetic resonance imaging (MRI) device. UNIVERSITY OF SHANGHAI FOR SCIENCE AND TECHNOLOGY; SHANGHAI UNIVERSITY OF MEDICINE&HEALTH SCIENCES; SHANGHAI HOSPITAL DEVELOPMENT CENTER
- S20230300 Int. Cl. (2025.01) **A61B 5/00; G01R 33/00**. A radiofrequency coil apparatus used for magnetic resonance imaging. UNIVERSITY OF SHANGHAI FOR SCIENCE AND TECHNOLOGY; SHANGHAI UNIVERSITY OF MEDICINE&HEALTH SCIENCES; SHANGHAI HOSPITAL DEVELOPMENT CENTER
- S20230302 Int. Cl. (2025.01) **A61H 23/00; A61F 7/00; A61H 7/00**. A hand therapy device. THE SECOND AFFILIATED HOSPITAL OF WENZHOU MEDICAL UNIVERSITY&YUYING CHILDREN'S HOSPITAL OF WENZHOU MEDICAL UNIVERSITY
- S20230303 Int. Cl. (2025.01) **G01N 33/00; C07K 7/00**. A fluorescent labeling method for coronavirus detection. GUANGZHOU CENTER FOR DISEASE CONTROL AND PREVENTION; GUANGZHOU CHUANGRUI HEALTH TECHNOLOGY CO., LTD
- S20230305 Int. Cl. (2025.01) **C08L 23/00; C08K 3/00**. A preparation method for a UHMWPE friction-reducing and wear-resistant composite material based on zirconium phosphate modification. WUHAN RESEARCH INSTITUTE OF MATERIALS PROTECTION CO.,LTD.CAM
- S20230306 Int. Cl. (2025.01) **B24D 18/00; B24D 3/00**. A self-lubricating composite filler for resin-based grinding wheels and its preparation method. WUHAN RESEARCH INSTITUTE OF MATERIALS PROTECTION CO.,LTD.CAM
- S20230313 Int. Cl. (2025.01) **A61H 3/00**. A walking assistance device. WANG HUI; GAO JING
- S20230315 Int. Cl. (2025.01) **C02F 3/00; C02F 9/00**. A bio-treatment process and system for leachate from storage pits of municipal solid waste incineration plants. SHANGHAI JIAO TONG UNIVERSITY
- S20230316 Int. Cl. (2025.01) **A01G 22/00; A01G 31/00**. A method for cultivating traditional Chinese medicinal herbs on a pond floating island. CHONGQING THREE GORGES VOCATIONAL COLLEGE
- S20230325 Int. Cl. (2025.01) **A61K 36/00; A61P 11/00**. A traditional Chinese medicine nebulizer for treating allergic rhinitis. HOSPITAL OF CHENGDU UNIVERSITY OF TRADITIONAL CHINESE MEDICINE
- S20230326 Int. Cl. (2025.01) **C02F 3/00; C02F 1/00**. A method for the ecological self-purification of urban eutrophic landscape water bodies. CHINA UNIVERSITY OF MINING AND TECHNOLOGY; XUZHOU INSTITUTE OF ECOLOGICAL CIVILIZATION CONSTRUCTION
- S20230348 Int. Cl. (2025.01) **A01G 7/00**. A method for rapidly reducing the content of isoflavones in red clover. LANZHOU UNIVERSITY
- S20230354 Int. Cl. (2025.01) **C02F 3/00; C02F 9/00**. A biological denitrification treatment method based on the enhanced utilization of carbon sources in leachate from waste incineration plant. SHANGHAI JIAO TONG UNIVERSITY

- S20230367 Int. Cl. (2025.01) **A23G 3/00**. A method for producing original frosted dried sweet potatoes. GUANGXI SUBTROPICAL CROP RESEARCH INSTITUTE (GUANGXI INSTITUTE OF SUBTROPICAL AGRICULTURAL PRODUCTS PROCESSING) ; GUANGXI LIUZHOU QIUYEJIA ECOLOGICAL AGRICULTURE COMPREHENSIVE DEVELOPMENT CO., LTD
- S20230368 Int. Cl. (2025.01) **A61K 35/00; A61P 13/00**. A gene that enhances the angiogenesis-promoting ability of adipose-derived mesenchymal stem cell exosomes and its applications. AFFILIATED HOSPITAL OF XUZHOU MEDICAL UNIVERSITY; SUN DONG
- S20230369 Int. Cl. (2025.01) **A23J 1/00; A23J 3/00; A23L 25/00; A23L 33/00**. A method for preparing a walnut protein-peptide-selenium chelate compound to regulate gut microbiota. GUANGXI ACADEMY OF AGRICULTURAL SCIENCES
- S20230380 Int. Cl. (2025.01) **G16H 50/00; A61B 5/00**. A method for establishing a drug relapse time estimation model using psychometric scales. HUAIHUA UNIVERSITY
- S20230381 Int. Cl. (2025.01) **A61B 5/00; G08B 21/00; G08B 17/00**. A method and system for monitoring relapse in drug users. HUAIHUA UNIVERSITY
- S20230382 Int. Cl. (2025.01) **C12C 11/00; C12C 13/00**. A beer filtration and fermentation device. YIBIN VOCATIONAL & TECHNICAL COLLEGE
- S20230384 Int. Cl. (2025.01) **C02F 1/00**. A method for the preparation of magnetic porous iron-doped biochar and its application in treating refractory pharmaceutical wastewater. HUBEI POLYTECHNIC UNIVERSITY
- S20230385 Int. Cl. (2025.01) **A61K 49/00; C12Q 1/00; G01N 21/00**. A construction method of self-assembling Y-shaped DNA fluorescent nanorobots and their application in the diagnosis and treatment of malignant tumors. THE SECOND PEOPLE'S HOSPITAL OF SHENZHEN; WU ZHENGZHI
- S20230386 Int. Cl. (2025.01) **A61P 31/00; A23L 33/00; A61K 31/00; A61K 36/00**. A precise dietary therapy product and its preparation method for preventing and treating seasonal influenza. THE SECOND PEOPLE'S HOSPITAL OF SHENZHEN; WU ZHENGZHI
- S20230387 Int. Cl. (2025.01) **A61B 10/00; A61B 18/00**. A tubular radiofrequency ablation electrode for liver puncture. CHONGQING GENERAL HOSPITAL
- S20230393 Int. Cl. (2025.01) **G01N 27/00**. A sensor based on cerium oxide and two-dimensional graphdiyne (GDY) composite material, and its application in the sensitive detection of hydrogen peroxide. HAINAN NORMAL UNIVERSITY
- S20230397 Int. Cl. (2025.01) **A61K 36/00; A61K 47/00; A61K 9/00; A61P 13/00**. A Traditional Chinese Medicine Compound for the Prevention and Treatment of Chronic Nephritis, its Preparation Method, and Formulation. THE SECOND PEOPLE'S HOSPITAL OF SHENZHEN; WU ZHENGZHI
- S20230399 Int. Cl. (2025.01) **E21D 23/00; E21D 15/00**. A high-strength support and construction method for underground coal mine strong pressure tunnels. HUATING COAL GROUP CO.,LTD.; BEIJING WINDOW TECHNOLOGY CO., LTD.
- S20230403 Int. Cl. (2025.01) **C02F 11/00; C10L 3/00; C12M 1/00**. A device and method for preparing biogas from high-solid content organic solid waste through anaerobic fermentation. HARBIN INSTITUTE OF TECHNOLOGY
- S20230404 Int. Cl. (2025.01) **E21D 11/00; E21D 20/00**. A mining pressure transfer load-bearing roadway support and construction method. HUATING COAL GROUP CO.,LTD.; BEIJING WINDOW TECHNOLOGY CO., LTD.

- S20230405 Int. Cl. (2025.01) **C02F 1/00**. An efficient photothermal biomass carbon/TiO<sub>2</sub> composite membrane and a method for water desalination and degradation organic pollutants in seawater. HAINAN NORMAL UNIVERSITY
- S20230412 Int. Cl. (2025.01) **C12N 15/00; C12Q 1/00**. A combination of cell death detection biomarkers and an assay kit. THE SECOND PEOPLE'S HOSPITAL OF SHEN ZHEN (SHENZHEN INSTITUTE OF TRANSLATIONAL MEDICINE); SOUTHERN UNIVERSITY OF SCIENCE AND TECHNOLOGY
- S20230415 Int. Cl. (2025.01) **C22B 3/00; C22B 59/00**. A method for selectively enhanced gradient leaching of rare earth ions from ion-adsorption-type rare earth ores. JIANGXI UNIVERSITY OF SCIENCE AND TECHNOLOGY; GANNAN UNIVERSITY OF SCIENCE AND TECHNOLOGY
- S20230416 Int. Cl. (2025.01) **B82Y 40/00; C01G 41/00**. A method for one-step preparation of cesium tungsten bronze nanomaterials. UNIVERSITY OF JINAN
- S20230428 Int. Cl. (2025.01) **B02C 23/00; B07B 1/00; B07B 9/00; B07C 5/00**. A method and system for joint disposal of ore tailings. METALLURGICAL LABORATORY BRANCH OF SHANDONG GOLD MINING TECHNOLOGY CO., LTD.
- S20230436 Int. Cl. (2025.01) **C21D 8/00; C22C 38/00**. A method for producing high magnetic permeability, low iron loss, non-oriented electrical steel using the CSP (Compact Strip Production) process. INNER MONGOLIA UNIVERSITY OF TECHNOLOGY; ZHEJIANG METALLURGICAL RESEARCH INSTITUTE CO., LTD.
- S20230441 Int. Cl. (2025.01) **A24B 1/00; A24B 9/00**. A control method for improving the quality and reducing consumption of alcoholization in tobacco. CHINA TOBACCO HENAN INDUSTRIAL CO., LTD.
- S20230442 Int. Cl. (2025.01) **A24B 15/00; A24B 9/00**. A method for improving the control of alcoholization in tobacco leaves to prevent excessive darkening of the color. CHINA TOBACCO HENAN INDUSTRIAL CO., LTD.
- S20230443 Int. Cl. (2025.01) **C22C 1/00; C22C 23/00; C22C 32/00**. A casting Mg-Al-Zn-CaO alloy and its preparation method. TIANJIN UNIVERSITY OF TECHNOLOGY
- S20230445 Int. Cl. (2025.01) **A01G 18/00**. A substrate and method for cultivating *Stropharia rugoso*. JIAXING VOCATIONAL & TECHNICAL COLLEGE
- S20230455 Int. Cl. (2025.01) **B01J 20/00**. A Food-grade Coffee Ground Adsorption Pack and Its Preparation Method and Application. GUANGZHOU CITY POLYTECHNIC
- S20230467 Int. Cl. (2025.01) **A61B 34/00**. A minimally invasive surgical robot system. SHENZHEN SECOND PEOPLE'S HOSPITAL
- S20230469 Int. Cl. (2025.01) **B01D 15/00; B01J 20/00**. A method for preparing a two-stage controllable dual-ligand chromatographic medium. TAIZHOU UNIVERSITY
- S20230470 Int. Cl. (2025.01) **G01B 11/00**. An intelligent manufacturing workpiece detection device. HUANGGANG NORMAL UNIVERSITY; HUBEI HANTAI INTELLIGENT EQUIPMENT CO., LTD
- S20230477 Int. Cl. (2025.01) **A23C 9/00**. A low-sugar blended condensed milk that is resistant to storage and its preparation method. CHUZHOU UNIVERSITY
- S20230481 Int. Cl. (2025.01) **H04N 7/00**. A smart monitoring device for garden biodiversity. SHANGHAI LANDSCAPE ARCHITECTURE DESIGN & RESEARCH INSTITUTE CO.,LTD.
- S20230482 Int. Cl. (2025.01) **G06Q 10/00**. A method of biological diversity protection planning. SHANGHAI LANDSCAPE ARCHITECTURE DESIGN & RESEARCH INSTITUTE CO.,LTD.
-

- S20230483 Int. Cl. (2025.01) **C23C 16/00**. A Stealth Film Based on the Phase-Change Properties of Vanadium Dioxide and Its Preparation Method. ZHENGZHOU UNIVERSITY OF AERONAUTICS
- S20230484 Int. Cl. (2025.01) **C12N 15/00**. Nucleotide sequence of a MT2b gene that inhibits cell death. JIANGXI AGRICULTURAL UNIVERSITY
- S20230485 Int. Cl. (2025.01) **C25B 3/00; C25B 11/00**. A copper catalyst for CO2 electroreduction to ethanol and its preparation method and application. SOUTHEAST UNIVERSITY
- S20230486 Int. Cl. (2025.01) **C12N 15/00**. A virus nucleic acid extraction kit and a method for extracting complete virus particle nucleic acid using the kit. CHONGQING MEDICAL UNIVERSITY
- S20230487 Int. Cl. (2025.01) **A61B 34/00**. A minimally invasive surgical robot system equipped with a mechanical hand mounting platform. SHENZHEN SECOND PEOPLE'S HOSPITAL
- S20230491 Int. Cl. (2025.01) **C12N 15/00**. An application of the rice RAN1 gene in regulating plant male reproduction. JIANGXI AGRICULTURAL UNIVERSITY
- S20230502 Int. Cl. (2025.01) **C12Q 1/00**. A primer-probe combination and its application for detecting bovine viral diarrhea virus based on digital droplet PCR. JILIN UNIVERSITY OF AGRICULTURAL SCIENCE AND TECHNOLOGY
- S20230503 Int. Cl. (2025.01) **A23L 7/00; A23L 33/00**. A preparation method for pure natural polyphenol-rich flour from black wheat. HENAN AGRICULTURAL UNIVERSITY
- S20230504 Int. Cl. (2025.01) **A61N 5/00; G06Q 90/00**. Sample logistics management system of environmental monitoring laboratories. NANJING SHENGHONG ENVIRONMENTAL TECHNOLOGY CO., LTD.; ENVIRONMENT MONITORING CENTER OF JIANGSU PROVINCE
- S20230505 Int. Cl. (2025.01) **G01K 13/00; G01B 5/00**. A device and method for measuring the axial eccentricity and temperature of generators. NORTH CHINA ELECTRIC POWER UNIVERSITY BAODING
- S20230506 Int. Cl. (2025.01) **B01J 37/00; B01J 27/00**. A method for preparing CdSe/KTaO3 composite photocatalyst and its application. HUAIBEI NORMAL UNIVERSITY
- S20230507 Int. Cl. (2025.01) **G01N 1/00; C12Q 1/00**. A method for preparing a staining agent for Phytophthora spores and its application. LV XINXIA; LIU DONG
- S20230508 Int. Cl. (2025.01) **A01G 7/00; C12N 1/00**. A preparation and usage of an optimized lactic acid bacteria ensiling agent for grapevine branches and leaves. SHIHEZI UNIVERSITY
- S20230511 Int. Cl. (2025.01) **A61B 34/00**. A minimally invasive surgical robot device. SHENZHEN SECOND PEOPLE'S HOSPITAL
- S20230512 Int. Cl. (2025.01) **A61B 34/00**. A minimally invasive surgical robotic arm capable of omnidirectional bending. SHENZHEN SECOND PEOPLE'S HOSPITAL
- S20230514 Int. Cl. (2025.01) **A01F 15/00**. A straw baler machine. BORTALA MONGOLIAN AUTONOMOUS PREFECTURE XINGWANG TECHNOLOGY CO., LTD; YANGZHOU POLYTECHNIC COLLEGE(YANGZHOU OPEN UNIVERSITY)
- S20230517 Int. Cl. (2025.01) **C08B 1/00; C08B 11/00**. Two-step method for dissolving cellulose carbamate. GANNAN NORMAL UNIVERSITY
- S20230519 Int. Cl. (2025.01) **A61B 8/00; G01N 29/00**. An ultrasound robot inspection system. SHENZHEN SECOND PEOPLE'S HOSPITAL
- S20230520 Int. Cl. (2025.01) **A61B 8/00; G01N 29/00**. An ultrasound detection robot. SHENZHEN SECOND PEOPLE'S HOSPITAL

- S20230521 Int. Cl. (2025.01) **A23G 3/00**. A functional orally disintegrating candy with a popping sensation derived from small berries and its preparation method. NATURAL PRODUCTS RESEARCH CENTER OF GUIZHOU PROVINCE
- S20230524 Int. Cl. (2025.01) **A61B 8/00; G01N 29/00**. An ultrasonic probe adjustment mechanism and an ultrasonic detection robot. SHENZHEN SECOND PEOPLE'S HOSPITAL
- S20230525 Int. Cl. (2025.01) **C08L 89/00; C08J 3/00**. A method for preparing TG enzyme-modified HAMP protein microgel particles to stabilize high internal phase Pickering emulsions. HAINAN TROPICAL OCEAN UNIVERSITY
- S20230532 Int. Cl. (2025.01) **G06V 20/00; G06V 10/00**. A method for extracting shrimp-rice field information based on remote sensing satellites, electronic devices, and media. GUANGDONG GEOLOGICAL SURVEYING AND MAPPING INSTITUTE
- S20230533 Int. Cl. (2025.01) **A61K 36/00; A61P 31/00; C12N 15/00; C12N 1/00**. An oral recombinant yeast strain as the vaccine for preventing and treating *Flavobacterium columnare* infections, and its preparation and applications. NORTHWEST A&F UNIVERSITY
- S20230534 Int. Cl. (2025.01) **A61K 36/00; A61P 35/00**. An ethanol extract of *Corydalis hendersonii* Hemsl., its preparation method, and application. QINGHAI UNIVERSITY
- S20230537 Int. Cl. (2025.01) **A01N 3/00**. A rapid method for creating plant wax leaf specimens. XINJIANG INSTITUTE OF ECOLOGY AND GEOGRAPHY, CHINESE ACADEMY OF SCIENCES
- S20230539 Int. Cl. (2025.01) **A01G 31/00**. A soilless cultivation device for nurturing seedlings of traditional Chinese medicinal plants. SICHUAN ACADEMY OF CHINESE MEDICINE SCIENCES
- S20230540 Int. Cl. (2025.01) **A01K 31/00; A01K 39/00; A01K 1/00; A01K 29/00; G05D 27/00**. An intelligent breeding system for laying duck breeding. GUIZHOU UNIVERSITY
- S20230541 Int. Cl. (2025.01) **A01K 41/00; A01K 43/00**. An intelligent meat duck incubation system. GUIZHOU UNIVERSITY
- 20230543 Int. Cl. (2025.01) **A47G 29/00**. SECURITY COWL. BRISANT SECURE LTD
- S20230546 Int. Cl. (2025.01) **A61H 39/00**. An application of moxibustion on the Tianshu acupoint in reversing the disappearance reaction of peritoneal macrophages. SHENZHEN HOSPITAL OF SOUTHERN MEDICAL UNIVERSITY; HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY UNION SHENZHEN HOSPITAL
- S20230549 Int. Cl. (2025.01) **G01N 33/00**. Application of cardiac adriamycin-responsive protein (CARP) in monitoring anthracycline cardiotoxicity. SHUNDE WOMEN AND CHILDREN'S HOSPITAL, GUANGDONG MEDICAL UNIVERSITY (SHUNDE MATERNAL AND CHILD HEALTHCARE HOSPITAL)
- S20230566 Int. Cl. (2025.01) **G06N 3/00; G16B 30/00; G16B 40/00**. METHOD FOR PREDICTING CIRCULAR RNA MARKERS BASED ON NATURAL SEMANTIC ENHANCEMENT. CHINA UNIVERSITY OF MINING AND TECHNOLOGY; GUANGXI ACADEMY OF SCIENCES; ZAOZHUANG UNIVERSITY
- S20230567 Int. Cl. (2025.01) **A01G 13/00; A01G 15/00**. A system and method for preventing and treating apple sunburn disease. TARIM UNIVERSITY
- S20230573 Int. Cl. (2025.01) **C12Q 1/00; A61P 35/00**. An application of ataxia-telangiectasia mutated gene mutations as biological markers in the preparation of drugs for treating colorectal cancer. TONGJI HOSPITAL AFFILIATED TO TONGJI MEDICAL COLLEGE OF HUAZHONG UNIVERSITY OF SCIENCE & TECHNOLOGY

- S20230574 Int. Cl. (2025.01) **A23N 5/00; B07B 1/00**. A fully automated continuous and highly efficient camellia seed hulling device. HUNAN UNIVERSITY OF TECHNOLOGY
- S20230575 Int. Cl. (2025.01) **H01B 1/00; H01B 13/00**. A method for in-situ preparation of conductive silver paste for solar cell electrodes. JIANGXI UNIVERSITY OF SCIENCE AND TECHNOLOGY
- S20230576 Int. Cl. (2025.01) **G06N 3/00; G06V 10/00**. A defense method against adversarial samples based on the explainability of deep neural network models. SCHOOL OF SCIENCES ZHEJIANG UNIVERSITY OF SCIENCE AND TECHNOLOGY
- S20230577 Int. Cl. (2025.01) **A63B 23/00; A63B 21/00; A61H 1/00**. A hand-training device designed for stroke patient care. CHEN YUTAO; LI CHAN
- S20230578 Int. Cl. (2025.01) **H01M 4/00; H01M 8/00**. A PEMFC cathode catalytic layer based on a low platinum-to-carbon ratio. XINJIANG INSTITUTE OF ENGINEERING; NORTH CHINA ELECTRIC POWER UNIVERSITY (BAODING); STATE GRID XINJIANG ELECTRIC POWER CO., LTD. ECONOMIC AND TECHNICAL RESEARCH INSTITUTE
- S20230579 Int. Cl. (2025.01) **A01H 4/00**. A method for rapid propagation using the pearl buds of *Titanotrichum oldhamii*. ZHEJIANG INSTITUTE OF SUBTROPICAL CROPS
- S20230580 Int. Cl. (2025.01) **G01N 33/00; G01N 1/00**. A detection device for wastewater generated during cooled fruit production. GUANGZHOU COLLEGE OF TECHNOLOGY AND BUSINESS
- S20230581 Int. Cl. (2025.01) **B22F 9/00; B22F 1/00**. A method for synthesizing micron-sized hollow spherical silver particles for the electrode aerosol spraying of solar cells. JIANGXI UNIVERSITY OF SCIENCE AND TECHNOLOGY
- S20230582 Int. Cl. (2025.01) **A61K 36/00; A61P 19/00**. A traditional Chinese medicine combination for treating acute gouty arthritis, its preparation method, and application. SHANGHAI TCM-INTEGRATED HOSPITAL
- S20230583 Int. Cl. (2025.01) **A61K 47/00**. A quality control preservative for fresh medicinal materials and its preparation method. GUIZHOU MEDICAL UNIVERSITY
- S20230586 Int. Cl. (2025.01) **C12N 15/00; C12N 5/00; C12N 9/00**. A method to create a SIRT1 gene-knocked-out K562 monoclonal cell line. SHUNDE WOMEN AND CHILDREN'S HOSPITAL, GUANGDONG MEDICAL UNIVERSITY (SHUNDE MATERNAL AND CHILD HEALTHCARE HOSPITAL)
- S20230587 Int. Cl. (2025.01) **G01S 13/00; G01S 7/00**. A method for extracting radar interferometric information based on a hierarchical meshing strategy. SOUTHWEST JIAOTONG UNIVERSITY
- S20230588 Int. Cl. (2025.01) **A01N 63/00; C12N 1/00**. An application of *Serendipita indica* in the preparation of a product aimed at enhancing the growth capability of walnut seedlings under water-deficit conditions. YANGTZE UNIVERSITY
- S20230589 Int. Cl. (2025.01) **C22B 11/00; C22B 7/00; C22B 3/00**. A method for selectively and stepwise extracting precious metals from waste circuit boards using a polar non-protonic solvent system. SHANGHAI POLYTECHNIC UNIVERSITY
- S20230596 Int. Cl. (2025.01) **C12N 15/00; C12N 5/00**. An identification and application of an enhancer sequence that regulates the expression of the pig *Ptfr* gene. SICHUAN AGRICULTURAL UNIVERSITY
- S20240001 Int. Cl. (2025.01) **B23B 39/00; E21B 7/00**. A perforation apparatus for a through-hole permeable pavement. WUYI UNIVERSITY; NANPING CONSTRUCTION GROUP XINDA SUPPLY CHAIN CO., LTD

- S20240004 Int. Cl. (2025.01) **A01G 31/00**. A cultivation device for soilless cultivation in greenhouse settings. WENZHOU ACADEMY OF AGRICULTURAL SCIENCES
- S20240010 Int. Cl. (2025.01) **A61B 34/00**. A minimally invasive surgical robot with dual endoscopes and its operating method. SHENZHEN SECOND PEOPLE'S HOSPITAL
- S20240011 Int. Cl. (2025.01) **A61K 31/00; A61P 35/00**. A pharmaceutical composition that inhibits tumors and its application. AFFILIATED HOSPITAL OF GUANGDONG MEDICAL UNIVERSITY
- S20240014 Int. Cl. (2025.01) **B23F 21/00**. A gear hobbing cutter with variable rake angle inserted blades. CHONGQING JIAOTONG UNIVERSITY
- S20240015 Int. Cl. (2025.01) **A61P 35/00; A61K 31/00**. A compound with anti-tumor activity, its preparation method, and application. SHANGHAI GENERAL HOSPITAL
- S20240016 Int. Cl. (2025.01) **G01S 13/00; G01J 5/00; G01W 1/00; G01S 17/00**. ACTIVE MILLIMETER WAVELENGTH RADAR AND PASSIVE INFRARED IMAGING JOINT DETECTION APPARATUS AND METHOD. INSTITUTE OF ATMOSPHERIC PHYSICS, CHINESE ACADEMY OF SCIENCES; SUN CREATE ELECTRONICS CO., LTD
- S20240018 Int. Cl. (2025.01) **G01C 13/00; G06F 18/00; G06N 3/00**. CHARACTERIZATION METHOD FOR THE SPATIO-TEMPORAL VARIABLE SOURCE MECHANISM OF NONLINEAR RUNOFF GENERATION AND CONCENTRATION IN SMALL WATERSHEDS. CHINA INSTITUTE OF WATER RESOURCES AND HYDROPOWER RESEARCH
- S20240024 Int. Cl. (2025.01) **G06N 3/00; G06V 10/00; G06V 20/00**. A method for automatic driving trajectory prediction based on graph neural networks. CHONGQING JIAOTONG UNIVERSITY
- S20240029 Int. Cl. (2025.01) **A61B 5/00; A61D 3/00**. An animal disease diagnosis and treatment blood sample collector. GANSU INSTITUTE OF ANIMAL AND VETERINARY SCIENCE
- S20240035 Int. Cl. (2025.01) **H02K 21/00; H02K 1/00; H02K 16/00**. A double-stator axial-flux switched reluctance motor for hub motor drive system. CHONGQING JIAOTONG UNIVERSITY
- S20240036 Int. Cl. (2025.01) **C12Q 1/00; C12N 15/00**. A method for detecting mutations in the 7th exon of the ACSL1 gene in animals. NORTHWEST INSTITUTE OF PLATEAU BIOLOGY, CHINESE ACADEMY OF SCIENCES
- S20240037 Int. Cl. (2025.01) **C12P 21/00; C07K 16/00; G01N 33/00**. A method for preparing monoclonal antibodies against Escherichia coli O157:H7, gold nanorods, and its preparation. DALI UNIVERSITY; DALI NATIONALITY AUTONOMOUS PREFECTURE HOSPITAL
- S20240038 Int. Cl. (2025.01) **B62D 15/00; B62D 5/00; B62D 6/00**. A differential steering control method for an autonomous vehicle driven by hub motors on all four wheels. CHONGQING JIAOTONG UNIVERSITY
- S20240039 Int. Cl. (2025.01) **B25J 13/00**. An industrial robot control device. WUHAN VOCATIONAL COLLEGE OF SOFTWARE AND ENGINEERING (WUHAN OPEN UNIVERSITY); WUHAN VOCATIONAL COLLEGE COMMUNICATIONS AND PUBLISHING
- S20240040 Int. Cl. (2025.01) **A61B 5/00**. A contactless life signs monitoring system. HANGZHOU NORMAL UNIVERSITY
- S20240042 Int. Cl. (2025.01) **E02B 3/00; E02B 1/00**. A lake ecological replenishment method based on wavelet multiresolution transformation. BEIJING NORMAL UNIVERSITY

- S20240043 Int. Cl. (2025.01) **A01B 79/00**. A method for optimizing the regulation of the layout of paddy fields to promote the spread of grassy wetlands and the dominance of marsh vegetation. BEIJING NORMAL UNIVERSITY
- S20240044 Int. Cl. (2025.01) **A01G 13/00; A01G 17/00; A01G 24/00; A01G 25/00; E02D 3/00**. A removable method for irrigating plants in sandbag sand barriers. XINJIANG INSTITUTE OF ECOLOGY AND GEOGRAPHY, CHINESE ACADEMY OF SCIENCES
- S20240047 Int. Cl. (2025.01) **A61K 36/00**. An extraction method and application of sea buckthorn-derived exosome-like nanoparticles. SHANGHAI JIAO TONG UNIVERSITY SCHOOL OF MEDICINE
- S20240050 Int. Cl. (2025.01) **G01N 1/00; B65D 25/00**. A portable wild moss sampling and storage device. GANSU PROVINCE ACADEMY OF QILIAN WATER RESOURCE CONSERVATION FORESTS RESEARCH INSTITUTE
- S20240052 Int. Cl. (2025.01) **G06N 3/00; G06V 10/00; G06V 20/00**. A monocular 3D object detection method aided by Transformer-assisted deep information fusion. CHONGQING JIAOTONG UNIVERSITY
- S20240053 Int. Cl. (2025.01) **G01N 21/00**. A rapid analysis device for food components based on spectral analysis. GUANGZHOU COLLEGE OF TECHNOLOGY AND BUSINESS
- S20240057 Int. Cl. (2025.01) **C12N 15/00; C12Q 1/00**. A combination of SNP (Single Nucleotide Polymorphism) markers for paternity testing, along with their detection primer pairs and applications. FUDAN UNIVERSITY
- S20240061 Int. Cl. (2025.01) **A61B 5/00**. A method for digitally assisting in warning signs of depression. HUZHOU UNIVERSITY
- S20240063 Int. Cl. (2025.01) **A61K 39/00**. A personalized modified dendritic cell-based HPV virus vaccine. SHENZHEN JUNYUAN BIOTECHNOLOGY CO., LTD
- S20240064 Int. Cl. (2025.01) **G01M 7/00**. TWO-DIMENSIONAL LASER CONTINUOUS SCANNING VIBRATION MEASUREMENT METHOD FOR THE HIGH-PRECISION FULL-PLANE MODALITY UNDER THERMAL OPERATING CONDITION. HARBIN INSTITUTE OF TECHNOLOGY
- S20240067 Int. Cl. (2025.01) **A61B 17/00**. An intracardiac care hemostatic pressure application device. WUXI SECOND PEOPLE'S HOSPITAL
- S20240070 Int. Cl. (2025.01) **A61K 36/00; A61K 9/00**. A traditional Chinese medicine compound granule and its preparation method for treating bovine viral respiratory diseases. GANSU INSTITUTE OF ANIMAL AND VETERINARY SCIENCE
- S20240072 Int. Cl. (2025.01) **B09C 1/00**. An in-situ washing system for heavy metal-contaminated paddy fields and its application. SHANGHAI INSTITUTE OF CHEMICAL INDUSTRY ENVIRONMENTAL ENGINEERING CO., LTD; SHANGHAI RESEARCH INSTITUTE OF CHEMICAL INDUSTRY CO., LTD.
- S20240074 Int. Cl. (2025.01) **E02B 17/00**. A device for preventing erosion of coastal pile foundation with an umbrella-like structure. NORTH CHINA ELECTRIC POWER UNIVERSITY
- S20240075 Int. Cl. (2025.01) **E21C 50/00; E02F 7/00**. A mineral material bin lifting and interchanging device for deep-sea mining. NORTH CHINA ELECTRIC POWER UNIVERSITY; OCEAN UNIVERSITY OF CHINA
- S20240082 Int. Cl. (2025.01) **C30B 29/00**. Preparation Method for novel Rare Earth Ion-doped Bimolybdate NaLu (MoO<sub>4</sub>)<sub>2</sub> Laser Crystal. GANNAN NORMAL UNIVERSITY

- S20240083 Int. Cl. (2025.01) **A01G 22/00; A01C 21/00**. An efficient dual-season cultivation method for sisal, watermelon, and winter melon. GUANGXI SUBTROPICAL CROPS RESEARCH INSTITUTE (GUANGXI SUBTROPICAL AGRO-PRODUCTS PROCESSING RESEARCH INSTITUTE)
- S20240084 Int. Cl. (2025.01) **A63B 23/00**. A post-stroke dysphagia rehabilitation exercise device. THE SECOND AFFILIATED HOSPITAL OF WENZHOU MEDICAL UNIVERSITY
- S20240089 Int. Cl. (2025.01) **C12Q 1/00**. A set of specific primers, specific probes, reagent kit, and method for detecting Streptococcus agalactiae in tilapia using ddPCR. DONGGUAN CENTER FOR ANIMAL DISEASE PREVENTION AND CONTROL; GUANGDONG JIAHE BIOLOGY TECHNOLOGY CO., LTD; GUANGDONG JIAHE DETECTION TECHNOLOGY SERVICE CO., LTD
- S20240090 Int. Cl. (2025.01) **A01G 9/00**. A seedling raising device and method for rice seedlings. WENZHOU VOCATIONAL COLLEGE OF SCIENCE AND TECHNOLOGY (WENZHOU ACADEMY OF AGRICULTURAL SCIENCES)
- S20240098 Int. Cl. (2025.01) **G16H 10/00**. A method, apparatus, device, and storage medium for classifying pulmonary data. SHANGHAI CHANGZHENG HOSPITAL
- 20240101 Int. Cl. (2025.01) **G06F 21/00; H04L 9/00**. SECURE DATA RETRIEVAL. VAULTREE LTD.
- S20240103 Int. Cl. (2025.01) **G16H 10/00**. PREDICTIVE METHOD FOR LUNG NODULES VOLUME DOUBLING TIME BASED ON A SINGLE CHEST CT EXAMINATION. SHANGHAI CHANGZHENG HOSPITAL
- S20240108 Int. Cl. (2025.01) **C08J 3/00; C08K 3/00; C08L 31/00**. A method for producing polyether ether ketone (PAEK) composite powder based on the dissolution-precipitation method. FOSHAN YIHE NEW MATERIALS TECHNOLOGY CO., LTD.
- S20240109 Int. Cl. (2025.01) **A61H 1/00; A63B 21/00; A63B 23/00**. A self-assisted elbow-shoulder integrated rehabilitation device that operates without external force. WENZHOU MEDICAL UNIVERSITY AFFILIATED SECOND HOSPITAL YUYING CHILDREN'S HOSPITAL
- S20240123 Int. Cl. (2025.01) **A61F 2/00**. A tension-free repair patch for laparoscopic extraperitoneal inguinal hernia repair. ZHUJIANG HOSPITAL OF SOUTHERN MEDICAL UNIVERSITY
- S20240141 Int. Cl. (2025.01) **G06N 3/00; G06Q 50/00**. A multi-task monitoring method for power IoT terminals, power IoT terminals, and media. ZHEJIANG UNIVERSITY; SCHOOL OF ELECTRICAL ENGINEERING XI'AN JIAOTONG UNIVERSITY; STATE GRID JIANGXI ELECTRIC POWER COMPANY; STATE GRID SHANDONG ELECTRIC POWER RESEARCH INSTITUTE; STATE GRID XINJIANG ELECTRIC POWER COMPANY
- S20240143 Int. Cl. (2025.01) **B61L 27/00**. COMPREHENSIVE ENERGY-SAVING CONTROL METHOD AND DEVICE FOR TRAFFIC SCHEDULING OF URBAN RAIL MULTI-TRAIN UNDER COMPLEX WORKING CONDITIONS. CHINA UNIVERSITY OF PETROLEUM(EAST CHINA); QINGDAO METRO OPERATION CO., LTD
- S20240144 Int. Cl. (2025.01) **B22F 1/00; C23C 18/00; C23C 24/00**. A copper-coated carbon nanotube reinforced copper-based composite material and its preparation method. TAIZHOU UNIVERSITY
- S20240145 Int. Cl. (2025.01) **E01C 23/00; C04B 24/00**. A semi-aqueous-based pavement repair agent for repairing the structural depth of old asphalt pavements and its method of use. GUANGXI LAND AND RESOURCES PLANNING AND DESIGN GROUP CO., LTD

- S20240146 Int. Cl. (2025.01) **B01J 23/00; C01G 55/00; C01B 32/00; C01G 39/00**. A method for synthesizing Pt single atoms loaded on molybdenum disulfide/reduced graphene oxide. WANG JIARUI
- S20240156 Int. Cl. (2025.01) **G16H 10/00; G16H 40/00**. An Intelligent Preterm Infant Home Care Health Management System. ZHEJIANG CHINESE MEDICAL UNIVERSITY
- S20240161 Int. Cl. (2025.01) **G06F 18/00; G06F 17/00; G16H 50/00**. A disease transmission prediction system based on molecular markers and pedigree networks. YANG HAIJUN
- S20240162 Int. Cl. (2025.01) **B09B 3/00**. A method for treating antibiotic fermentation residue based on acid-assisted oxidative hydrothermal treatment. SOUTH CHINA UNIVERSITY OF TECHNOLOGY
- S20240163 Int. Cl. (2025.01) **A01K 63/00; A01G 31/00; C02F 3/00**. A microalgae-coordinated aquaponic ecosystem aquaculture system and method. TIANJIN AGRICULTURAL UNIVERSITY
- S20240164 Int. Cl. (2025.01) **A01G 22/00; A01G 7/00**. A method to improve rice photosynthetic rate, lodging resistance, and yield. YANGZHOU UNIVERSITY
- S20240165 Int. Cl. (2025.01) **D04B 23/00; D04B 27/00**. A multi-bar double jacquard warp knitting machine and its pattern fabric knitting method. WUHAN VOCATIONAL COLLEGE OF SOFTWARE AND ENGINEERING((WUHAN OPEN UNIVERSITY); WUHAN TEXTILE UNIVERSITY
- S20240169 Int. Cl. (2025.01) **G05B 19/00**. A high-stability intelligent mechanical manufacturing system. GUANG DONG TECHNOLOGY COLLEGE
- S20240170 Int. Cl. (2025.01) **B09C 1/00; C09K 17/00; C12N 1/00**. Method for preparing soil amendments using modified graphite in synergy with humic acid, as well as a soil management system. INSTITUTE OF GEOGRAPHIC SCIENCES AND RESOURCES, CHINESE ACADEMY OF SCIENCES; XINJIANG INSTITUTE OF ECOLOGY AND GEOGRAPHY, CHINESE ACADEMY OF SCIENCES
- S20240171 Int. Cl. (2025.01) **A01B 77/00; A01B 79/00; B09B 3/00; C05F 17/00; C05G 3/00; C09K 17/00**. A method for preparing a soil conditioner using synergized fly ash and humic acid, and a soil management system. INSTITUTE OF GEOGRAPHIC SCIENCES AND RESOURCES, CHINESE ACADEMY OF SCIENCES; XINJIANG INSTITUTE OF ECOLOGY AND GEOGRAPHY, CHINESE ACADEMY OF SCIENCES
- S20240178 Int. Cl. (2025.01) **B01J 19/00; B01J 4/00; B05B 9/00**. A spray coating device that changes the acidity of the surface of granite mechanism sand. GUANGDONG CHANGHENG STONE INDUSTRY CO., LTD; GUANGXI UNIVERSITY
- S20240179 Int. Cl. (2025.01) **A61G 7/00; A61L 2/00; B08B 1/00; B08B 5/00**. A device for placing a water mattress on a hospital bed. THE SECOND AFFILIATED HOSPITAL OF WENZHOU MEDICAL UNIVERSITY
- S20240193 Int. Cl. (2025.01) **A63B 22/00**. Adjusting training programs based on individual characteristics and training progress. WENZHOU MEDICAL UNIVERSITY AFFILIATED SECOND HOSPITAL YUYING CHILDREN'S HOSPITAL
- S20240195 Int. Cl. (2025.01) **B01J 23/00; C02F 1/00**. A dual-metal carbon-based catalyst for treating hard-to-degrade wastewater and its preparation method. BEIJING NORMAL UNIVERSITY; BEIJING WATER BUSINESS DOCTOR CO., LTD
- S20240196 Int. Cl. (2025.01) **A23B 7/00; A23L 5/00**. An application of maleic acid in citrus post-harvest preservation. JIANGXI AGRICULTURAL UNIVERSITY

- S20240197 Int. Cl. (2025.01) **B22F 3/00; B22F 9/00; C22C 1/00; C22C 21/00**. An Al-Ti-Nb-B intermediate alloy and its preparation method and application. XIANGTAN UNIVERSITY
- S20240200 Int. Cl. (2025.01) **C09D 163/00**. A highly corrosion-resistant epoxy resin composite coating and its preparation method. NORTHEASTERN UNIVERSITY; INSTITUTE OF METAL RESEARCH, CHINESE ACADEMY OF SCIENCES
- S20240201 Int. Cl. (2025.01) **B63C 9/00**. An intelligent variable-cell rescue stretcher platform designed for marine environments. AFFILIATED HOSPITAL OF JIANGSU UNIVERSITY; NO. 906 HOSPITAL OF PLA
- S20240205 Int. Cl. (2025.01) **G01N 33/00**. A method for distinguishing between typical and atypical mad cow disease. SCIENCE AND TECHNOLOGY RESEARCH CENTER OF CHINA CUSTOMS
- S20240206 Int. Cl. (2025.01) **C12Q 1/00; C12N 15/00**. A one-step multiplex fluorescent RT-PCR assay kit, primers, and probes capable of simultaneously detecting and distinguishing classical swine fever virus (CSFV), African swine fever virus (ASFV), and swine vesicular disease virus (SVDV). SCIENCE AND TECHNOLOGY RESEARCH CENTER OF CHINA CUSTOMS
- S20240207 Int. Cl. (2025.01) **C12N 15/00; C12Q 1/00**. SNP molecular markers associated with upland cotton linolenic acid and their applications. INSTITUTE OF COTTON RESEARCH OF CAAS
- S20240208 Int. Cl. (2025.01) **C02F 3/00; C02F 1/00**. A cultivation method for anaerobic ammonia oxidation granular sludge with blue iron core. BEIJING UNIVERSITY OF TECHNOLOGY; CHINA COAL TECHNOLOGY & ENGINEERING GROUP CO. LTD. TOKYO, 100-0011, JAPAN
- S20240209 Int. Cl. (2025.01) **C02F 3/00**. A process and apparatus for enhancing short-range denitrification anaerobic ammonia oxidation and synchronous phosphorus recovery. BEIJING UNIVERSITY OF TECHNOLOGY; CHINA COAL TECHNOLOGY & ENGINEERING GROUP CO. LTD. TOKYO, 100-0011, JAPAN
- S20240211 Int. Cl. (2025.01) **F02C 3/00; F02C 7/00**. A vortex-jet engine and its high-altitude environment fuel supply device. NANCHANG HANGKONG UNIVERSITY
- S20240218 Int. Cl. (2025.01) **A61H 1/00**. A rehabilitation device for paralyzed limb joints. WENZHOU MEDICAL UNIVERSITY AFFILIATED SECOND HOSPITAL YUYING CHILDREN'S HOSPITAL
- S20240220 Int. Cl. (2025.01) **A61H 1/00; A63B 21/00; A63B 22/00**. A balanced force composite training device. WENZHOU MEDICAL UNIVERSITY AFFILIATED SECOND HOSPITAL YUYING CHILDREN'S HOSPITAL
- S20240221 Int. Cl. (2025.01) **C08L 95/00; C08L 19/00; C08L 57/00; C08K 5/00; C08J 3/00**. A method for preparing high-viscosity modified asphalt with crumb rubber. CHANG'AN UNIVERSITY
- S20240225 Int. Cl. (2025.01) **A01C 1/00; A01G 22/00; A01G 31/00; C05D 9/00; C05G 5/00**. A method for producing organic selenium-rich soybean sprouts. WUHAN POLYTECHNIC UNIVERSITY; RAO SHEN
- S20240236 Int. Cl. (2025.01) **C21D 11/00; C21D 9/00**. A dynamic perception heating furnace temperature control device and optimization method. UNIVERSITY OF SCIENCE AND TECHNOLOGY BEIJING
- S20240242 Int. Cl. (2025.01) **A01G 31/00; C05G 5/00**. A selenium-enriched cultivation method for Cardamine violifolia. WUHAN POLYTECHNIC UNIVERSITY; RAO SHEN
- S20240249 Int. Cl. (2025.01) **C12Q 1/00; C12N 15/00**. A primer set, reagent kit, and method for detecting Infectious Spleen and Kidney Necrosis Virus (ISKNV). YANGTZE UNIVERSITY
-

- S20240250 Int. Cl. (2025.01) **C12Q 1/00; C12N 15/00**. A primer-probe combination, reagent kit, and method for synchronous detection of PCV3, PCV2, and PPV. YANGTZE UNIVERSITY
- S20240251 Int. Cl. (2025.01) **C12Q 1/00; C12N 15/00**. A primer set, reagent kit, and method for detecting White Spot Syndrome Virus (WSSV). YANGTZE UNIVERSITY
- S20240252 Int. Cl. (2025.01) **C12Q 1/00; C12N 15/00**. Nested PCR primer set for simultaneously detecting Mycoplasma hyopneumoniae and Swine Chlamydiosis, C. suis and its application. YANGTZE UNIVERSITY
- S20240253 Int. Cl. (2025.01) **C12Q 1/00; C12N 15/00**. Nested PCR detection primer set and method for identifying African swine fever gene deletion strain. YANGTZE UNIVERSITY
- S20240260 Int. Cl. (2025.01) **C07D 307/00; A61K 31/00**. An application of furanacetic acid in preparing drugs for treating arrhythmias. SHANXI MEDICAL UNIVERSITY
- S20240261 Int. Cl. (2025.01) **C07D 403/00; A61K 31/00**. An application of the muscle relaxant acledinium in the preparation of drugs for treating arrhythmias. SHANXI MEDICAL UNIVERSITY
- S20240262 Int. Cl. (2025.01) **A61K 31/00; A61P 9/00**. An application of Panbivodin in the preparation of drugs for treating cardiac arrhythmia. SHANXI MEDICAL UNIVERSITY
- S20240263 Int. Cl. (2025.01) **A61K 31/00; A61P 9/00**. An application of tetramisole in the preparation of drugs for treating cardiac arrhythmias. SHANXI MEDICAL UNIVERSITY
- S20240264 Int. Cl. (2025.01) **C09K 8/00; C04B 35/00; C04B 41/00**. A low-density fly ash ceramic pellet proppant and its preparation method. TAIYUAN UNIVERSITY OF SCIENCE AND TECHNOLOGY
- S20240265 Int. Cl. (2025.01) **C12M 1/00**. A PCR eight-tube cap with detachable marking. THE SECOND PEOPLE'S HOSPITAL OF SHENZHEN ( SHENZHEN INSTITUTE OF TRANSLATIONAL MEDICINE )
- S20240268 Int. Cl. (2025.01) **C01G 31/00**. A method for preparing monoclinic scheelite phase bismuth vanadate nano-material and its application. HUAIBEI NORMAL UNIVERSITY; CHEN TIEDAN; WANG YUNJIAN; LIU LIHUA; ANHUI ZHONGKE FANYIN CHEMICAL TECHNOLOGY DEVELOPPMEN CO. LT; WEN ZHENZHONG
- S20240272 Int. Cl. (2025.01) **G01W 1/00**. METHOD FOR FORECASTING FLOOD BASED ON THE SATURATION-EXCESS RUNOFF GENERATION THEORY. CHINA INSTITUTE OF WATER RESOURCES AND HYDROPOWER RESEARCH
- S20240273 Int. Cl. (2025.01) **E21B 47/00; E21B 49/00**. A method for evaluating parameters of formation fractures using array lateral logging. YANGTZE UNIVERSITY
- S20240274 Int. Cl. (2025.01) **C22B 26/00; C22B 3/00; C25D 17/00; C25D 5/00; C25D 9/00**. A device for in-situ growth of manganese dioxide using an electrodeposition method to extract lithium from salt lakes. BEIJING NORMAL UNIVERSITY; BEIJING WATER BUSINESS DOCTOR CO., LTD
- S20240278 A herbal composition and its preparation method for increasing milk production in cows. YANGTZE UNIVERSITY
- S20240285 Int. Cl. (2025.01) **G16C 10/00; G16C 60/00**. DESIGN METHOD FOR IMPROVING INTERLAMINAR STRESS TRANSFER OF DOUBLE-LAYER GO/CSH Under Extreme Environment. ZHEJIANG UNIVERSITY OF SCIENCE AND TECHNOLOGY; NANJING DRUM TOWER HOSPITAL

- S20240293 Int. Cl. (2025.01) **A61B 5/00; G09B 19/00**. An experimental teaching system and method that simulate the process of diagnosing animal diseases based on a collaborative argumentation-driven teaching model. YANGTZE UNIVERSITY
- S20240297 Int. Cl. (2025.01) **C12Q 1/00**. A rapid detection reagent kit and its detection method for Enterocytozoon hepatopenaei (EHP). ZHEJIANG INSTITUTE OF FRESHWATER FISHERIES
- S20240298 Int. Cl. (2025.01) **C02F 1/00; D06M 13/00**. A method for preparing tea saponin-modified cellulose fabric for removing chromium ions from water. JIANGSU COLLEGE OF ENGINEERING AND TECHNOLOGY
- S20240300 Int. Cl. (2025.01) **C12G 3/00; C12H 6/00**. A method for preparing dry mulberry brandy. SICHUAN UNIVERSITY OF SCIENCE & ENGINEERING
- S20240307 Int. Cl. (2025.01) **G06F 30/00; G06N 3/00**. A method for optimizing the structure of fishway facilities using digital intelligent fish. CHONGQING JIAOTONG UNIVERSITY; CHONGQING XIKE CONSULTING CO.,LTD FOR WATER TRANSPORT ENGINEERING
- S20240308 Int. Cl. (2025.01) **C01B 39/00**. SYNTHESIS METHOD FOR THE TEMPLATE AGENT-FREE COAL GANGUE-BASED 13-X MOLECULAR SIEVE AND ITS PRODUCT. XI'AN UNIVERSITY OF SCIENCE AND TECHNOLOGY
- S20240309 Int. Cl. (2025.01) **A61B 17/00; C08G 63/00**. DEGRADABLE POLYMER MATERIAL AND A DEGRADABLE SELF-LOCKING RIB FIXER. TIANJIN HOSPITAL; TIANJIN CHEST HOSPITAL
- S20240314 Int. Cl. (2025.01) **E01D 2/00; E01D 22/00**. A box girder considering external prestressed reinforcement and its prestressed reinforcement method. ZHENGZHOU UNIVERSITY; ZHENGZHOU ZHOUHUI TECHNOLOGY CO., LTD
- S20240316 Int. Cl. (2025.01) **B25F 1/00**. A multifunctional geological hammer that is easy to disassemble. HEBEI UNIVERSITY OF ENGINEERING; YUAN YUE; LIANG JIAN
- S20240317 Int. Cl. (2025.01) **E21B 10/00; E21B 12/00; E21B 25/00**. A core drilling bit for geological exploration. HEBEI UNIVERSITY OF ENGINEERING; YUAN YUE; LIANG JIAN
- S20240318 Int. Cl. (2025.01) **A23L 13/00; A23B 4/00**. A Method for Reducing Freeze-Thaw Cycle Effects on Fried Chicken Strips. ANHUI SCIENCE AND TECHNOLOGY UNIVERSITY
- S20240319 Int. Cl. (2025.01) **C02F 1/00**. A treatment device and method for removing atrazine from wastewater. HARBIN UNIVERSITY OF SCIENCE AND TECHNOLOGY; GONGDA ENVIRONMENT CO,LTD.; HARBIN ECOLOGICAL ENVIRONMENT MONITORING CENTRE, HEILONGJIANG PROVINCE
- S20240320 Int. Cl. (2025.01) **C22C 30/00; C22C 1/00**. AlCrTiTaMoB HIGH-ENTROPY ALLOY MATERIAL, A PREPARATION METHOD AND APPLICATION THEREOF. XIANGTAN UNIVERSITY
- S20240323 Int. Cl. (2025.01) **G16H 50/00**. A method for modeling a cardiac pacing nanonetwork. SHIHEZI UNIVERSITY
- S20240326 Int. Cl. (2025.01) **A61P 1/00**. A traditional Chinese medicine composition for preventing and treating rabbit diarrhea. ZHEJIANG ACADEMY OF AGRICULTURAL SCIENCES
- S20240330 Int. Cl. (2025.01) **C09K 11/00**. GARNET STRUCTURE RED LUMINESCENT MATERIAL CODOPED WITH EUROPIUM AND ALKALI METAL IONS AND A PREPARATION METHOD THEREOF. ANHUI SANLIAN UNIVERSITY
-

- S20240333 Int. Cl. (2025.01) **G06Q 90/00; A62B 3/00; G01C 21/00**. REAL-TIME PATH PLANNING METHOD FOR FIRE EVACUATION AND SYSTEM. ZHANGZHOU INSTITUTE OF SCIENCE TECHNOLOGY; DONGGUAN QUNYAO INTELLIGENT TECHNOLOGY CO., LTD
- S20240339 Int. Cl. (2025.01) **G01N 21/00**. A batch identification system for cucumber phenotypes based on photoelectric technology. ZHEJIANG ACADEMY OF AGRICULTURE SCIENCES
- S20240354 Int. Cl. (2025.01) **A61L 2/00**. Full coverage path planning method for UV disinfection robot. ZHANGZHOU COLLEGE OF SCIENCE & TECHNOLOGY; DONGGUAN QUNYAO INTELLIGENT TECHNOLOGY CO., LTD
- S20240355 Int. Cl. (2025.01) **A01G 22/00**. A Cultivation Method for Organic Sugar Beets. INSTITUTE OF ECONOMIC CROPS, XINJIANG ACADEMY OF AGRICULTURAL SCIENCE; INNER MONGOLIA ACADEMY OF AGRICULTURAL AND ANIMAL HUSBANDRY SCIENCES; INNER MONGOLIA AGRICULTURAL UNIVERSITY; ACADEMY OF AGRICULTURAL SCIENCES OF BAYINGUOLENG MONGOLIAN AUTONOMOUS PREFECTURE
- S20240358 Int. Cl. (2025.01) **A01N 1/00**. An enzyme-based protective agent for bone cultural relics, its use method and application. JILIN UNIVERSITY
- S20240369 Int. Cl. (2025.01) **B62B 5/00**. A morphous alloy kitchen knife and its manufacturing method. TAIZHOU UNIVERSITY; LANZHOU UNIVERSITY OF TECHNOLOGY
- S20240370 Int. Cl. (2025.01) **D05B 85/00; C22C 45/00**. A type of amorphous alloy sewing machine needle and its manufacturing method. TAIZHOU UNIVERSITY; LANZHOU UNIVERSITY OF TECHNOLOGY
- S20240376 Int. Cl. (2025.01) **A61K 31/00**. An application of Scoparone in the preparation of drugs for preventing and treating chronic obstructive pulmonary disease (COPD). CENTRAL PEOPLE'S HOSPITAL OF ZHANJIANG
- S20240384 Int. Cl. (2025.01) **C12N 15/00**. A method for obtaining purebred asparagus germplasm through spore culture. WEIFANG ACADEMY OF AGRICULTURAL SCIENCES
- S20240386 Int. Cl. (2025.01) **A01G 22/00; G01N 33/00**. A method for rapid screening of different phosphorus-efficient wheat varieties. HENAN AGRICULTURAL UNIVERSITY; WANG LONG
- S20240388 Int. Cl. (2025.01) **G01N 33/00; G01N 1/00**. A method for analyzing tumor drug resistance. QILU HOSPITAL OF SHANDONG UNIVERSITY
- S20240390 Int. Cl. (2025.01) **A01K 1/00; F24F 8/00**. DUST REMOVAL-STERILIZATION-DEODORIZATION INTEGRATED INTELLIGENT LIGHTWEIGHT DEVICE FOR LIVESTOCK AND POULTRY HOUSES. HENAN UNIVERSITY OF ANIMAL HUSBANDRY AND ECONOMY
- S20240391 Int. Cl. (2025.01) **A23L 5/00; A23L 7/00**. A cultivation method of selenium-enriched fruiting bodies of Cordyceps cicadae and its applications. CHUZHOU UNIVERSITY; ANHUI CORDYCEPS SOURCE BIOTECHNOLOGY CO., LTD.
- S20240405 Int. Cl. (2025.01) **B60H 1/00**. Energy Recovery Device for the Vehicle Liquid Hydrogen System and a Control Method Thereof. XIAMEN UNIVERSITY OF TECHNOLOGY
- S20240424 Int. Cl. (2025.01) **C12N 15/00; C12Q 1/00**. A PEPCK Gene of the Ukrainian Scaled Carp and a Method for Measuring Blood Glucose in Cyprinidae Fish. TIANJIN AGRICULTURAL UNIVERSITY

- S20240426 Int. Cl. (2025.01) **A01H 4/00**. A method for rapidly obtaining virus-free garlic. CHENGDU ACADEMY OF AGRICULTURE AND FORESTRY SCIENCES; CHENGDU AGRICULTURAL SCIENCE AND TECHNOLOGY CENTER
- S20240443 Int. Cl. (2025.01) **G01N 3/00**. A circular thin plate specimen bending fatigue testing device and method. CHANGSHA UNIVERSITY OF SCIENCE AND TECHNOLOGY
- S20240444 Int. Cl. (2025.01) **G01N 3/00**. A testing device and method for the flexural tensile strength of circular thin plate specimens. CHANGSHA UNIVERSITY OF SCIENCE AND TECHNOLOGY
- S20240446 Int. Cl. (2025.01) **A61K 31/00**. Use of the drug givinostat in the treatment of Alzheimer's disease. SHANXI MEDICAL UNIVERSITY
- S20240447 Int. Cl. (2025.01) **G16B 40/00; C12Q 1/00**. A method for constructing a rheumatoid arthritis diagnosis classifier and its application. ZHANG SHENGXIAO; THE SECOND HOSPITAL OF SHANXI MEDICAL UNIVERSITY
- S20240455 Int. Cl. (2025.01) **C12N 15/00**. Use of the Human UAP1L1 Gene and Related Products. JING'AN DISTRICT CENTRAL HOSPITAL, FUDAN UNIVERSITY
- S20240469 A method and system for rapid detection of wheat water use efficiency in the field. HENAN AGRICULTURAL UNIVERSITY
- S20240477 A microhaplotype detection system based on the NGS (Next-Generation Sequencing) platform and its applications. GUIZHOU MEDICAL UNIVERSITY
- S20240490 A deep peak-shaving system and method for heating units. JIANGSU SAIDI ENERGY ENGINEERING CO., LTD.; DAI DAWEI
- S20240503 A biochemical analysis device and biochemical analysis method. THE SECOND AFFILIATED HOSPITAL AND YUYING CHILDREN'S HOSPITAL OF WENZHOU MEDICAL UNIVERSITY
- S20240519 Int. Cl. (2025.01) **B61L 27/00; B61L 23/00**. A fault prediction method, model training method, electronic device, and readable storage media. SHENZHEN POLYTECHNIC UNIVERSITY
- S20240540 Int. Cl. (2025.01) **G01N 19/00; G01N 3/00**. An experimental device for simulating the debonding of steel-concrete structures and an infrared detection method. CHONGQING JIAOTONG UNIVERSITY, CQJTU; SICHUAN ROAD AND BRIDGE CONSTRUCTION GROUP CO., LTD
- S20240541 A wearable post-operative hip fracture protection device for the elderly. XIYUAN HOSPITAL OF CHINA ACADEMY OF CHINESE MEDICAL SCIENCES
- S20240542 A wearable device for preventing and treating sarcopenia and its method of use. XIYUAN HOSPITAL OF CHINA ACADEMY OF CHINESE MEDICAL SCIENCES
- S20240545 METHOD FOR DETECTING BREATHING CRACK BASED ON STATISTICAL DISTRIBUTION ABNORMALITY OF EXCITATION RESPONSE DATA. HOHAI UNIVERSITY; JSTI GROUP; JIANGSU ZHONGJI ENGINEERING AND TECHNOLOGICAL RESEARCH CO., LTD
- S20240546 A low-temperature hydration hardening gel material, its preparation method, and applications. HIGHWAY SCIENCE RESEARCH INSTITUTE, MINISTRY OF TRANSPORT; XIZANG COMMUNICATIONS SURVEY AND DESIGN RESEARCH INSTITUTE CO, LTD
- S20240563 A method and device for advanced nitrogen removal in wastewater. HARBIN INSTITUTE OF TECHNOLOGY, SHENZHEN

- S20240565 A preparation method for preparing pickled mustard foods without desalting, rinsing, or chemical preservatives. NINGBO TONGQIANQIAO FOOD AND VEGETABLE INDUSTRY CO., LTD.; SUN ZHIDONG
- S20240568 An automated metering device for filling pickled vegetables without causing damage. NINGBO TONGQIANQIAO FOOD AND VEGETABLE INDUSTRY CO., LTD.; SUN ZHIDONG
- S20240583 A portable soil sampling device. GANSU AGRICULTURAL UNIVERSITY; ZHANGYE FOREST AND GRASSLAND FIRE PREVENTION MATERIAL RESERVE CENTER; GANSU PROVINCE ACADEMY OF QILIAN WATER RESOURCE CONSERVATION FORESTS RESEARCH INSTITUTE
- S20240596 A spray drying equipment used in the production of bovine bile powder. PINGDINGSHAN HUIXINYUAN BIOTECHNOLOGY CO., LTD
- S20240621 Wind-Photovoltaic-Thermal Power Combined Power Generation System for Realizing the Interaction Between Green Certificate Trading and Carbon Trading. XINJIANG INSTITUTE OF ENGINEERING
- S20240625 An in-situ shear strength testing device for soil within boreholes. CHANG'AN UNIVERSITY
- S20240650 METHOD FOR EVALUATING THE AGRICULTURAL WATER RESOURCES SHORTAGE RISK AND A SYSTEM THEREOF. BEIJING NORMAL UNIVERSITY
- S20240655 A genetic algorithm-based path planning for maritime waste cleaning robot in dynamic environments. GUANGDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
- S20240660 A probe clamp for musculoskeletal ultrasound 3D imaging. NANJING MEDICAL UNIVERSITY AFFILIATED WUXI PEOPLE'S HOSPITAL
- S20240682 TRADITIONAL CHINESE MEDICINE PREPARATION FOR TREATING CERVICAL SPONDYLOSIS AND ITS PREPARATION METHOD. NINGXIA HOSPITAL OF CHINESE MEDICINE, NINGXIA CHINESE MEDICINE RESEARCH CENTER
- S20240687 A plant root growth detection device. HARBIN UNIVERSITY OF SCIENCE AND TECHNOLOGY; THE INSTITUTE OF MEDICINAL PLANT DEVELOPMENT
- S20240691 Mulberry leaf polyphenols, their isolation method, and their application in improving liver metabolism. SHIHEZI UNIVERSITY
- S20240692 An efficient method for preparing 2-methyl-4-chlorobutyric acid. HUIAN WANGZHOU IMPORT & EXPORT CO., LTD
- S20240708 A pressure and visual monitoring device for vaginal hemostasis after oocyte retrieval in assisted reproductive technology. THE FIRST AFFILIATED HOSPITAL OF ANHUI MEDICAL UNIVERSITY
- S20240709 Int. Cl. (2025.01) **G01N 33/00; G01N 21/00**. A method for quantifying microplastics in marine organisms based on fluorescence staining technology. HAINAN TROPICAL OCEAN UNIVERSITY; YAZHOU BAY INNOVATION INSTITUTE OF HAINAN TROPICAL OCEAN UNIVERSITY
- S20240710 A composite detection method for pedestrian targets. GUANGDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
- S20240727 A berberine-loaded long-circulating nanoliposome with brain-targeting functionality and its preparation method. SHENZHEN SECOND PEOPLE'S HOSPITAL
- S20240728 A novel high-speed guardrail. CHINA COMMUNICATIONS BEIJING ENGINEERING CONSULTING CO., LTD.
- S20240736 A blood splatter prevention device for heart and large vessel surgeries. AFFILIATED HOSPITAL 2 OF NANTONG UNIVERSITY, NANTONG FIRST PEOPLE'S HOSPITAL
-

---

S20240740	Int. Cl. (2025.01) <b>E21C 41/00</b> . REAL-TIME PREDICTION AND EARLY WARNING METHOD FOR THE PRODUCTION CAPACITY OF THE BLOCK CAVING METHOD. FUZHOU UNIVERSITY
S20240760	A method for preparing a cell-specific inhibitor (-)-Cytosazole of type II cytokines of Th2 cells. SHENZHEN SECOND PEOPLE'S HOSPITAL
S20240764	Preparation Method of Docetaxel Chiral Side Chain Intermediate. SHENZHEN SECOND PEOPLE'S HOSPITAL
S20250030	Int. Cl. (2025.01) <b>B05B 13/00; B05B 1/00</b> . An Automatic Cold Sprayed Coating Device Capable of Mass Production. TAIZHOU UNIVERSITY
S20250150	A drilling device for shale gas exploration. YAN'AN UNIVERSITY
S20250253	A transcutaneous vagus nerve stimulation device for the ear and neck based on interoceptive signals. AIR FORCE MEDICAL UNIVERSITY; XIDIAN UNIVERSITY
S20250386	A use of a dihydrotanshinone I derivative in the preparation of a medicament for resisting cerebral cavernous malformations. NANJING UNIVERSITY OF CHINESE MEDICINE

---

## Patents Lapsed Through Non-Payment of Renewal Fees

*Please note that due to the high volume of lapsed patents (mostly European Patents designating the State which are not subsequently validated), details of these patents are no longer included in the printed version of the Journal. Instead, they are available to view on the online version of the journal at <https://www.ipoi.gov.ie/en/ip-search-tools/search-the-journal/>*

---

## Application for Extension of the Duration of a Supplementary Protection Certificate

The name and address of the applicant follow the number allocated to the Supplementary Protection Certificate (SPC). The date in brackets following the name and address is the date of receipt of the application for an extension of the duration of the SPC. The Patent number is that under which the product in respect of which an extension of the duration of the SPC is sought is, allegedly, protected. Market authorisation references in respect of the product concerned are also shown, followed by the original date of expiry of the certificate.

**2019011** ARRAY BIOPHARMA INC., 3200 Walnut Street Boulder, Colorado 80301,  
United States of America  
ASTRAZENECA AB, Västra Mälarehamnen 9, 151 85 Södertälje, Sweden  
(19/02/2026)  
Patent No: 1482932; N3 ALKYLATED BENZIMIDAZOLE DERIVATIVES  
AS MEK INHIBITORS  
Product: Binimetinib or a pharmaceutically acceptable salt or solvate thereof  
Market Authorisation: Ireland EU/1/18/1315, 24/09/2018  
  
Original SPC Expiry Date: 12/03/2028

---

## Designs Registered Under The Industrial Designs Act, 2001

---

23771      19.02      Cormac Suffin, Newtown, Kilmacow, Kilkenny X91DTW1, Ireland.  
Address for service is c/o Cormac Suffin  
Newtown, Kilmacow, Kilkenny X91DTW1, Ireland.

Date of Registration: 05 January 2026.

Design of a stencil aid for educational use. Stencil sits over A11 copy used in primary schools and helps children rule their page correctly before completing work. Made from 1mm plastic with slots for pen. Slots include lines for margins and title for both maths and english copies.



23772 17.03

Umer Farooq, Muzikkon Ltd, unit 10 Robinhood Business Park, Robinhood road, Dublin D22P7E5, Ireland.  
Address for service is c/o Umer Farooq  
Muzikkon Ltd, unit 10 Robinhood Business Park, Robinhood road, Dublin D22P7E5, Ireland.

Date of Registration: 03 September 2025.

Mountain Dulcimer / Appalachian Dulcimer designed with Innovative Shape with Strum Hollow Design by cutting the fretboard between the saddle and the first fret with addition to the Celtic rose with the DOVES DEISGN THAT distinguishes the Mountain Dulcimer / Appalachian Dulcimer and enhances the sound of our Instrument



**Renewal of Designs Registered under the Industrial Designs Act, 2001****Registrations renewed for 2<sup>nd</sup> period of 5 Years**

Design number	Class
23258	02.02

**Designs Registered Under The Industrial Designs Act 2001, which  
have expired due to non-renewal**

Design number	Class
21935	32-00
21936	32-00
21937	32-00
21938	32-00
21939	32-00
21940	32-00
21941	32-00
21942	32-00
21943	32-00
21944	32-00
21945	32-00
21946	32-00
21947	32-00
21948	32-00
21949	32-00
21950	32-00
21951	32-00
21952	32-00
21953	32-00
21954	32-00
21955	32-00
21956	32-00
21957	32-00
21958	32-00
21959	32-00
21960	32-00
23072	11.02
23073	11.02
23074	11.02
23075	11.02
23076	11.02
23077	11.02
23078	11.02
23079	11.02
23080	11.02
23081	11.02
23082	02.03
23083	02.03
23084	02.03
23085	02.03
23092	11.02
23093	11.02
23094	11.02
23095	11.02

---

23096	11.02
23097	11.02
23098	11.02
23099	11.02
23100	11.02
23101	11.02
23102	11.02
23103	11.02
23104	11.02
23105	11.02
23106	11.02
23107	11.02
23108	11.02
23109	11.02
23110	11.02
23111	11.02
23112	11.02
23113	11.02
23114	11.02
23115	11.02
23116	11.02
23117	11.02
23118	11.02
23119	11.02
23120	11.02
23121	11.02
23263	06.09
23264	06.09

---

**Iris um Oifig Maoine Intleachtúla na hÉireann**  
**Journal of the Intellectual Property Office of Ireland**

**Cuid II**  
**Trádmharcanna**

---

**No. 2563****Wednesday, 11 March, 2026**

---

**NOTE:** The office does not guarantee the accuracy of its publications nor undertake any responsibility for errors or omissions or their consequences.

*In this Part of the Journal, unless the context otherwise requires, a reference to the 1963 Act means the Trade Marks Act, 1963, a reference to the 1963 Rules means the Trade Marks Rules, 1963, a reference to the 1996 Act means the Trade Marks Act, 1996 and a reference to the 1996 Rules means the Trade Marks Rules, 1996.*

**Official Notice**

**Patent Rules 1992 – Rule 77, – Office Closure**

**The Intellectual Property Office of Ireland (IPOI) will be closed for the transaction of  
business on Tuesday 17th March 2026**

**Register of Trade Mark Agents Examination in Law & Practice of Trade Marks**

**It is proposed to hold an online examination in the Law and Practice of Trade Marks on  
28 April, 2026. The latest date for receipt of applications from persons who wish to sit  
this examination is 08 April, 2026. Candidates wishing to be examined must have  
submitted in advance to the Controller an application form and fee of €200 not later  
than 8 April, 2026.**

---

## Application for Registration of marks published under Section 43(1) of the 1996 Act following acceptance

Notice is hereby given that Applications for the Registration of the undermentioned trade marks have been accepted.

Any person who desires to oppose the registration of these trade marks may within three months from the date of this Journal give notice to the Controller, in accordance with the provisions of Rule 18.

It should be noted that under the provisions of Rule 63(2) no extension of the opposition period is allowed for lodging opposition under Rule 18.

It is desirable before lodging formal opposition that a communication should be addressed to the Applicant affording him an opportunity to withdraw his application for registration. In this way cost of opposition proceedings may be avoided.

### ST TIERNAN'S COMMUNITY SCHOOL

273983 23 September 2025

- Class 16. Printed publications; educational publications; printed periodical publications; educational and instructional material; educational equipment; calendars; school supplies [stationery]; stickers; school photographs; school yearbooks; school writing books; informational flyers; magazines; journals; leaflets; pamphlets; newsletters; directories; printed advertisements; newspapers; books; reference books; annuals [printed publications]; diaries.
- Class 25. School uniforms; clothing; coats; sports jackets; shirts; sweat shirts; sports clothing; sports bibs; socks; headgear; footwear; swimming suits; swimming caps.
- Class 41. School services; educational services; secondary school educational services; provision of training and cultural activities; provision

of educational, instructional and training courses; organisation and conducting of after-school groups for education, entertainment or recreational purposes; organisation and conducting of homework clubs and academic monitoring for children; provision of homework assistance; design of and setting standards for educational courses, examinations and qualifications; conducting of educational courses; provision of educational examinations and tests; teaching services; publication of instructional and educational materials; arranging of presentations, award ceremonies, conferences, seminars, demonstrations, displays, exhibitions, competitions, presentations, events and workshops for cultural, educational, sporting or entertainment purposes; provision of courses in remedial tuition, extra tuition or exam preparation; provision of distance learning facilities; recreational services; entertainment services; sporting activities; sports

coaching; sports education services; hire of sports facilities; rental of sports equipment and apparatus; sport camp services; holiday camp services; sports club services; vocational guidance; library services; theatre performances; music performances; provision of entertainment, sporting and cultural services for charitable events; publication of educational material; organisation of sporting, entertainment, education and cultural activities.

Board of Management of St Tiernan's Community School, St Tiernan's Community School, Parkvale, Balally, Dublin D16KW26, Ireland. Address for service is c/o Hazel McDwyer, c/o Mason Hayes & Curran LLP, South Bank House, Barrow Street, Dublin D04TR29, Ireland.



273984 23 September 2025

- Class 16. Printed publications; educational publications; printed periodical publications; educational and instructional material; educational equipment; calendars; school supplies [stationery]; stickers; school photographs; school yearbooks; school writing books; informational flyers; magazines; journals; leaflets; pamphlets; newsletters; directories; printed advertisements; newspapers; books; reference books; annuals [printed publications]; diaries.
- Class 25. School uniforms; clothing; coats; sports jackets; shirts; sweat shirts; sports clothing; sports bibs; socks; headgear; footwear; swimming suits; swimming caps.
- Class 41. School services; educational services; secondary school educational services; provision of training and cultural activities; provision of educational, instructional and training courses; organisation and conducting of after-school groups for education, entertainment or recreational purposes; organisation and conducting of homework clubs and academic monitoring for children; provision of homework assistance; design of and setting standards for educational courses, examinations and qualifications; conducting of educational courses; provision of educational examinations and tests; teaching services; publication of instructional and educational materials; arranging of presentations, award ceremonies, conferences, seminars, demonstrations, displays, exhibitions, competitions,

presentations, events and workshops for cultural, educational, sporting or entertainment purposes; provision of courses in remedial tuition, extra tuition or exam preparation; provision of distance learning facilities; recreational services; entertainment services; sporting activities; sports coaching; sports education services; hire of sports facilities; rental of sports equipment and apparatus; sport camp services; holiday camp services; sports club services; vocational guidance; library services; theatre performances; music performances; provision of entertainment, sporting and cultural services for charitable events; publication of educational material; organisation of sporting, entertainment, education and cultural activities.

Board of Management of St Tiernan's Community School, St Tiernan's Community School, Parkvale, Balally, Dublin D16KW26, Ireland. Address for service is c/o Hazel McDwyer, c/o Mason Hayes & Curran LLP, South Bank House, Barrow Street, Dublin D04TR29, Ireland.



- Class 16. Printed publications; educational publications; printed periodical publications; educational and instructional material; educational equipment; calendars; school supplies [stationery]; stickers; school photographs; school yearbooks; school writing books; informational flyers; magazines; journals; leaflets; pamphlets; newsletters; directories; printed advertisements; newspapers; books; reference books; annuals [printed publications]; diaries.
- Class 25. School uniforms; clothing; coats; sports jackets; shirts; sweat shirts; sports clothing; sports bibs; socks; headgear; footwear; swimming suits; swimming caps.
- Class 41. School services; educational services; secondary school educational services; provision of training and cultural activities; provision of educational, instructional and training courses; organisation and conducting of after-school groups for education, entertainment or recreational purposes; organisation and conducting of homework clubs and academic monitoring for children; provision of homework assistance; design of and setting standards for educational courses, examinations and qualifications; conducting of educational courses; provision of educational examinations and tests; teaching services; publication of instructional and educational materials; arranging of presentations, award ceremonies, conferences, seminars, demonstrations, displays, exhibitions, competitions, presentations, events and

workshops for cultural, educational, sporting or entertainment purposes; provision of courses in remedial tuition, extra tuition or exam preparation; provision of distance learning facilities; recreational services; entertainment services; sporting activities; sports coaching; sports education services; hire of sports facilities; rental of sports equipment and apparatus; sport camp services; holiday camp services; sports club services; vocational guidance; library services; theatre performances; music performances; provision of entertainment, sporting and cultural services for charitable events; publication of educational material; organisation of sporting, entertainment, education and cultural activities.

Board of Management of St Tiernan's Community School, St Tiernan's Community School, Parkvale, Balally, Dublin D16KW26, Ireland. Address for service is c/o Hazel McDwyer, c/o Mason Hayes & Curran LLP, South Bank House, Barrow Street, Dublin D04TR29, Ireland.



**273986** 20 September 2025

Class 35. Inventorying merchandise.

Junze Amoeba Limited, Workhub, 6 Fern Road, Sandyford Business Park, Dublin 18 D18FP98, Ireland. Address for service is c/o Junze Amoeba Limited c/o John Wang, Business Green Line, Unit 7a Bridgecourt Office Park, Walkinstown Avenue, Dublin 12 D12 T2T1, Ireland.



**273987** 23 September 2025

- Class 16. Printed publications; educational publications; printed periodical publications; educational and instructional material; educational equipment; calendars; school supplies [stationery]; stickers; school photographs; school yearbooks; school writing books; informational flyers; magazines; journals; leaflets; pamphlets; newsletters; directories; printed advertisements; newspapers; books; reference books; annuals [printed publications]; diaries.
- Class 25. School uniforms; clothing; coats; sports jackets; shirts; sweat shirts; sports clothing; sports bibs; socks; headgear; footwear; swimming suits; swimming caps.
- Class 41. School services; educational services; secondary school educational services; provision of training and cultural activities; provision of educational, instructional and training courses; organisation and conducting of after-school groups for education, entertainment or recreational purposes; organisation and conducting of homework clubs and academic monitoring for children; provision of homework assistance; design of and setting standards for educational courses, examinations and qualifications; conducting of educational courses; provision of educational examinations and tests; teaching services; publication of instructional and educational materials; arranging of presentations, award ceremonies, conferences, seminars, demonstrations, displays, exhibitions, competitions, presentations, events and workshops for cultural, educational, sporting or entertainment purposes; provision of courses in remedial tuition, extra tuition or exam preparation; provision of distance learning facilities; recreational services; entertainment services; sporting activities; sports coaching; sports education services; hire of sports facilities; rental of sports equipment and apparatus; sport camp services; holiday camp services; sports club services; vocational guidance; library services; theatre performances; music performances; provision of entertainment, sporting and cultural services for charitable events; publication of educational material; organisation of sporting, entertainment, education and cultural activities.
- Board of Management of St Tiernan's Community School, St Tiernan's Community School, Parkvale, Balally, Dublin D16KW26, Ireland. Address for service is c/o Hazel McDwyer, c/o Mason Hayes & Curran LLP, South Bank House, Barrow Street, Dublin D04TR29, Ireland.
- 
- CARROLL'S**
- 273988**    10 December 2024
- Class 29. Meat, fish, poultry and game; meat and meat products; poultry and poultry products; cooked meats and poultry; cooked meat dishes; cooked

poultry dishes; cured meats; dried meat; sliced cooked meats and poultry; sliced cooked hams; sliced cooked chicken; sliced cooked turkey; luncheon meats; chicken; ham; turkey; deli ham; prepared meals consisting primarily of meat; prepared meals consisting primarily of poultry; prepared meals consisting primarily of fish; prepared meals consisting primarily of vegetables; frozen meals consisting primarily of meat; frozen meals consisting primarily of poultry; frozen meals consisting primarily of fish; frozen meals consisting primarily of vegetables; meat-based snack foods; poultry-based snack foods; minced meat and poultry; preserved, dried and smoked meat and poultry; processed meat and poultry products.

Class 30. Bread and pastry; dried and fresh pastas, noodles and dumplings; prepared meals consisting primarily of pasta; prepared meals consisting primarily of rice; prepared meals consisting primarily of noodles; frozen meals consisting primarily of pasta; frozen meals consisting primarily of rice; frozen meals consisting primarily of noodles; garlic bread; lasagne.

Carroll Cuisine Unlimited, 6th Floor, South Bank House, Barrow Street, Dublin D04 TR29, Ireland. Address for service is c/o HGF IP Limited, Suite 415, The Guinness Enterprise Centre (GEC), Taylor's Lane, Dublin 8 D08 YE0P, Ireland.

The Application for Registration is proceeding with the consent of the Proprietors of Registered Irish Trade Mark No. 242383 and European Union Trade Mark No. 015361041.

The application for registration is proceeding based on honest concurrent use with European Union Trade Mark 000810689.



**273989** 27 August 2025

Class 10. Diagnostic Instrument.

Serosep Ltd, Annacotty Business Park, Annacotty, Limerick V94FF83, Ireland. Address for service is c/o Serosep Ltd, Annacotty Business Park, Annacotty, Limerick V94FF83, Ireland.

# Albany

**273990** 01 May 2025

Class 1. Adhesives for wallpapers; Adhesives for wall coverings; adhesives for floor coverings; adhesives for ceiling coverings; adhesives for wall tiles; adhesives for floor tiles; adhesives for ceiling tiles; Waterproofing chemicals (cement) except paints;

	<p>Adhesive fillers for filling surface blemishes; Solvents for paints; white spirit; sealants for tiles; chemicals for use in industry; unprocessed artificial resins; tempering and soldering preparations; adhesives for use in industry; Putties and other paste fillers; Chemical compositions and materials for use in the formation of glass.</p> <p>Class 2. Paint; primers; turpentine; Varnishes, lacquers; preservatives against rust and against deterioration of wood; colorants; colourants; mordants; raw natural resins; metals in foil and powder form for painters, decorators, printers and artists; paints and lacquers for artists and decorators; dyes; dyestuffs; coatings; fireproof paints; bactericidal paints; surface coatings; base coatings for walls; dye thinners; colouring paint thinners; paint thinners; primer thinners; thinners for lacquers; thinners for paints; thinners for colours; thinners for coatings; thinners for dyestuffs; thinners for varnishes; thinners for inks; turpentine [thinners for paints]; thinning preparations for paints and for coatings; mineral spirits for use as paint thinners; thinners and thickeners for coatings, dyes and inks; Concrete sealers [paints]; sealers (paints); pigments; wood stains; preservatives for metals [paint]; colouring pigments; enamels; metal paints; finishing paint; varnish; varnishes; varnishes for wood; dyes for wood; Colouring materials for use on enamel, plastics and cement surfaces; colouring matters; undercoating for surfaces to be painted;</p>	<p>aluminium paints; aluminium powder for painting; anti-corrosive preparations; anti-rust greases; anti-rust oils; anti-rust preparations for preservation; anti-tarnishing preparations for metals; binding preparations for paints; bitumen varnish; bronze powder for painting; bronzing lacquers; carbonyl [wood preservative]; ceramic paints; coatings for roofing felt [paints]; coatings [paints]; cobalt oxide [colorant]; creosote for wood preservation; distempers; enamels for painting; enamels [varnishes]; fixatives [varnishes]; glazes [paints, lacquers]; mordants for leather; natural resins; oils for the preservation of wood; protective preparations for metals; repositionable paint patches; siccatives [drying agents] for paints; silver emulsions [pigments]; emulsions in the nature of paints; sumac for varnishes; thickeners for paints; wood coatings [paints]; wood mordants; wood preservatives; undercoats [paints]; solvents for thinning paints; thinners, sealers, varnishes for exterior and interior walls; distempers, enamels, lacquers, wood stains and preservatives against rust and deterioration of wood; fungicidal coatings in the nature of paints; water repellent fungicidal wood stains.</p> <p>Class 3. Cleaning preparations for use in decorating; Emulsifying and alcoholic solvent cleaners; solvents for removing paints and varnishes; abrasives including abrasive paper and cloth; sand cloth; glass paper; glass cloth; cleaning, polishing, scouring and</p>
--	--	--

	<p>abrasive preparations; cleaning oils; rust removing agents; wipes incorporating cleaning preparations; bleaching preparations and other substances for laundry use; polish for furniture and flooring; floor waxes; polishing waxes; abrasives except dental abrasives; rust removing preparations; scouring solutions; preparations for cleaning waste pipes; shampoos for floor coverings; stain removers; scale removing preparations for household use; detergents other than for use in manufacturing operations and for medical use; emery cloths; oil of turpentine for degreasing; paint-stripping preparations; laundry preparations; polishing paper; degreasers other than for use in manufacturing processes; paint strippers; wax polish for wooden floors; wood treatment preparations for polishing; cream cleaners; upholstery cleaner; toilet cleaners; window cleaners; non-medicated preparations in cream form for forming a barrier against dirt on the body; soaps; hand cleaner; sugar soap; essential oils; degreasing preparations; preparations for grinding and sharpening; preservatives for leather; sand paper; glass and emery paper; wet and dry abrasive paper; stain removing preparations including stain removing preparations for carpets, hard surfaces and laundry; degreasing preparations with a solvent base.</p>
Class 5.	<p>Fungicides; fungicidal preparations; fungicidal preparations, including fungicidal agents.</p>
	Class 7. Colour tinting machines for paint; air brushes; mixers [machines]; paint dispensing machines; painting machines, painting machine tools, power-operated tools for painting; all of the aforesaid goods in relation to paints and emulsions.
	Class 8. Hand tools and implements, hand-operated; decorators' tools, namely paint scrapers, sticks for mixing paint; scissors; scrapers; knives; putty knives; shave hooks; wire brushes [hand operated tools]; wallpaper seam rollers; parts and fittings for all the aforesaid goods.
	Class 16. Artist materials; paint brushes; brushes for decorators; office requisites (except furniture); instructional and teaching material (except apparatus); plastic materials for packaging (not included in other classes); printing blocks; books; pamphlets; sealing wax; stencils; wall stickers; paper or plastic garbage bags; cardboard boxes for moving; materials for modelling; hand rollers and pads incorporating holding devices, all for applying paint; maps, posters, decalcomanias; publications (printed); printed promotional material; brochures; printed forms; cards (other than encoded or magnetic) for use in connection with loyalty, bonus and incentive schemes; instruments for use in painting, namely paint brushes, paint rollers, decorator's paintbrushes; paint applicators in the nature of sponges; pads for applying paint; paint rollers; paint roller covers; paint roller sleeves; paint roller frames; paint roller handles;

paint roller trays; correcting implements for painting purposes; paint books [colour charts]; paint books [printed matter]; colour cards; maps; posters; printed gift vouchers, not encoded; gift tokens; greeting cards; colour cards and colour sheets; brushes and rollers for painters, decorators and sign writers; paint trays; paint boxes; paint pads; lining paper; stencils, paintings; printed matter; photographs; stationery; adhesives for stationery or household purposes; parts, fittings and accessories for all the aforesaid goods.

- Class 17. Sealants; sealants for sealing joints; waterproof sealants and membranes of rubber, including waterproof sealants and membranes of rubber for walls; masking tape; adhesive masking tape.
- Class 19. Fillers for repairing walls; plaster; plasterboard; fillers for repairing walls; materials (not of metal) for building and construction; decorative ornamental plasterwork; decorative glass for buildings.
- Class 27. Wall hangings (non-textile); wall coverings; padded linings for existing floors and ceilings; wallpaper; textile wallpaper; textile wallcoverings; floor coverings; wallcoverings, namely murals.

C. Brewer & Sons Limited, 123/127 Ashford Road, Eastbourne BN21 3TR, United Kingdom. Address for service is c/o Bird & Bird LLP, Avenue Louise 235, 1050 Bruxelles, Belgium.

## Confidence Starts Here

273991 22 September 2025

- Class 36. Financial services; banking services; Personal banking services; monetary services; insurance services; deposit-taking; credit services; consumer lending; current, savings and investment accounts; credit card, debit card, charge card and cash card services; provision of banking services via the telephone, the Internet and interactive television; money transmission, electronic banking and funds transfer services; financial planning, advice, research and report services; electronic foreign currency exchange services; foreign currency exchange; providing financial information and advice; life assurance and pensions; financial services relating to investment; consultancy, advisory and information services to all of the aforesaid services.

The Governor and Company of the Bank of Ireland (established in Ireland by charter in 1783 and having limited liability) doing business as Bank of Ireland Group, 40 Mespil Road, Dublin 4, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.



Application is for a Series of 2 Trade Marks.

**273992** 14 August 2025

Class 36. Providing small loans through a government loan fund; lending against securities; financial services; banking services; financial management; financial brokerage; financial loan services; financing of commercial loans to microenterprises; providing loans secured by commercial paper; providing loans to small businesses, particularly those having difficulty accessing funding from traditional lenders; financing services for businesses excluded from traditional credit markets; financial assistance; financial evaluations [banking]; financial consultancy relating to credit services; financial consultancy relating to the granting of small loans; financial advisory services for companies; consultancy in relation to the granting of loans; financial information, consultancy, advisory and management services; consultations relating to banking; consultancy services relating to corporate finance; financial advisory services relating to securities; personal insurance relating to liability for repayment of loans; administration and management of a

government loan fund; electronic funds transfer; financing and funding services.

Microfinance Ireland, 13 Richview Office Park, Clonskeagh Road, Dublin D14 Y867, Ireland. Address for service is c/o Hazel McDwyer, Mason Hayes & Curran LLP, South Bank House, Barrow Street, Dublin D04TR29, Ireland.

Registration of this Trade Mark gives no right to the exclusive use of the words "Micro Finance".

---

## MOMMY GUILT

**273993** 06 September 2025

Class 9. Podcasts; Downloadable podcasts; Mobile apps; Downloadable mobile applications; Downloadable electronic publications; Audio recordings; Audiovisual recordings; Magnets; Decorative magnets; Refrigerator magnets; Downloadable printable planners and organizers.

Class 16. Notebooks; Journals; Diaries; Printed matter; Calendars; Planners [printed matter].

Class 21. Mugs; Travel mugs; Water bottles sold empty; Drinking glasses.

Class 25. T-shirts; Hoodies; Sweatshirts; Hats.

Class 41. Creation [writing] of educational content for podcasts; Provision of entertainment via podcast; Creation [writing] of

podcasts; Production of podcasts; Book club services providing information relating to books; Conducting courses, seminars and workshops; Online entertainment services; Entertainment services for producing live shows; Production of video and audio recordings.

Louise McEntee, 6a Pembroke Place, Dublin 2 DO2 DY93, Ireland  
Roseann O'Donnell, 6a Pembroke Place, Dublin 2 DO2 DY93, Ireland. Address for service is c/o Louise McEntee & Roseann O'Donnell, c/o Louise McEntee, 6a Pembroke Place, Dublin 2 DO2 DY93, Ireland.



**273994** 20 May 2025

Class 35. Business data analysis; business data evaluation and analysis services; analysis of business and commercial information.

Kyran Culhane, Dr. Antonio Bestard 125, Asuncion, Paraguay. Address for service is c/o Kyran Culhane, 3 Mount Sandel Park, Foxrock D18W9H6, Ireland.

## OPTIMUS SAFETY

**273995** 22 September 2025

Class 42. Technical consultancy in the field of workplace safety; preparation of technical reports relating to workplace safety; technical research in the field of workplace safety; technical analysis relating to workplace safety systems; design of safety systems for workplaces.

Class 45. Consulting in the field of workplace safety; Information services relating to safety; Safety, rescue, security and enforcement services; Health and safety risk assessment services; Advisory services in relation to safety; Consultancy services relating to health and safety; Consultancy services in the field of the safety needs of commercial and industrial companies.

ANDREW B MCCLEAN, 77 Lower Camden Street, Saint Kevin's, Dublin 2 D02 XE80, Ireland. Address for service is c/o Andrew McClean, 77 Lower Camden Street, Saint Kevin's, Dublin 2 D02 XE80, Ireland.



273996 03 September 2025

- Class 12. Aircraft carriers; Jet aircraft.
- Class 35. Business management of an airline company; Management of an airline company.
- Class 39. Airline services; Airline transport; Airline bookings; Airline ticket services; Airline transportation services; Airline services for the transportation of passengers; Aircraft chartering; Airplane chartering; Air charter services; Aircraft charter brokerage; Charter of aircraft; Air charter brokerage services; Chartering of aircraft; Aircraft chartering services; Aircraft handling; Aircraft (Rental of -); Aircraft rental.
- Class 45. Airline passenger safety services.

Stellaer 212, Dublin Weston Airport, Backweston, Dublin W23XHF8, Ireland. Address for service is c/o Stellaer 212, C/O David Mahon, Dublin Weston Airport, Backweston, Dublin W23XHF8, Ireland.

The mark in use is/will be in the colour(s)  
 MIDNIGHT GRANITE HEX: #17212E CMYK: 99, 83, 51, 69 RGB: 23, 33, 46 PANTONE: 269C and  
 SPRING COPPER HEX: #BF8757 RGB: 191,135, 87 CMYK: 23, 49, 73, 4

## Vit Pop

273997 03 September 2025

- Class 5. Vitamin drinks.
- Class 30. Ice cream; Ice pops.
- Class 32. Slush drinks; Juice drinks; Fruit drinks.

Marie O'Callaghan, Woodsgift, Blackrock road, Cork T12 H2ff, Ireland. Address for service is c/o Marie O'Callaghan, Woodsgift, Blackrock road, Cork T12 H2ff, Ireland.



HAIR  
 REVIVE

273998 13 September 2025

- Class 44. Haircare services.

Joseph Andrew Bissoua Hiag, 32 Bastion Court, Athlone N37YP79, Ireland. Address for service is c/o Joseph Andrew Bissoua Hiag, 32 Bastion Court, Athlone N37YP79, Ireland.

The mark in use is/will be in the colour(s) green color leaves and black color on the text HAIR REVIVE

---



**273999** 14 September 2025

Class 20. Furniture; wooden furniture; bespoke furniture; refurbished furniture; restored vintage furniture; furniture parts and fittings; household furniture and storage units.

MD Serendipity Designs, Leophin, Linsfort, Buncrana, Co.Donegal F93Y7VO, Ireland. Address for service is c/o MD Serendipity Designs, Leophin, Linsfort, Buncrana, Co.Donegal F93Y7VO, Ireland.

The mark in use is/will be in the colour(s) black writing on a white background

---

**Dough Maps**

**274000** 23 September 2025

Class 41. Education.

Riot Rye Bakehouse, Bread School, 2 Fainne Crann, Cloughjordan E53 RV06, Ireland. Address for service is c/o Riot Rye Bakehouse, Bread School, c/o Joe Fitzmaurice, 2 Fainne Crann, Cloughjordan E53 RV06, Ireland.

---



**274001** 23 September 2025

Class 35. Digital marketing; Digital marketing services; Marketing services provided by means of digital networks.

Patrick Macnamara, 20 Old Deer Park Gardens, Richmond TW9 2TL, United Kingdom. Address for service is c/o Patrick Macnamara, Dunloose, Lower Dunmore, Dunmore East, Waterford, Ireland.

---

**MD Serendipity Designs**

**274002** 14 September 2025

Class 20. Furniture; wooden furniture; bespoke furniture; refurbished furniture; restored vintage furniture; furniture parts and fittings; household furniture and storage units.

MD Serendipity Designs, Leophin Linsfort, Buncrana, Co.Donegal F93Y7VO, Ireland. Address for service is c/o MD Serendipity Designs, Leophin Linsfort, Buncrana, Co.Donegal F93Y7VO, Ireland.

The mark in use is/will be in the colour(s) Black



274003 14 September 2025

Class 9. Video games software; Video games cartridges; Software programs for video games; Video games programs [computer software]; Video games on disc [computer software]; Games software for use with video game consoles; Downloadable interactive entertainment software for playing video games; Electronic downloadable publications in the field of video games; Video games [computer games] in the form of computer programs recorded on data carriers;

Media content; Downloadable media; Media software; Recorded media; Media development software; Optical data media; Data media (Magnetic -); Data media (Optical -); Electronic data storage media; Blank digital recording media; Media and publishing software; Photographic media [films, exposed]; Photosensitive media [films, exposed]; Recorded film; Recorded films; Downloadable films; Game software; Computer games.

Class 41. Music publishing; Music production; Music concerts; Music recording; Music education; Music instruction; Providing on-line video games; Providing online video games; Voice training; Film production; Film showings; Film editing; Film distribution; Film studios; Game services.

Bobbie Holbrook, 8 Plunkett Court, Oliver Plunkett Road, Dublin A96AH79, Ireland. Address for service is c/o Bobbie Holbrook, 8 Oliver Plunkett Court, Oliver Plunkett Road, Co. Dublin, Ireland A96AH79, Ireland.

The mark in use is/will be in the colour(s) Black, White, Red

## Farm Fayre

274004 22 September 2025

Class 9. Downloadable software and mobile applications;

computer software for use in commerce, trade, business management and administration; electronic publications; data processing software; downloadable digital applications; computer programs and recorded software for information management.

- Class 35. Provision of online marketplace services; business management; business administration; business consultancy; commercial intermediation services; advertising, marketing and promotional services; retail and wholesale services connected with goods of all kinds; provision of information and advice relating to the aforesaid services.

Farm Fayre, 11 Patrick Street, Kilkenny, Ireland.  
Address for service is c/o Farm Fayre, 11 Patrick Street, Kilkenny, Ireland.

---

## Pop Gods

**274005** 18 September 2025

- Class 41. Musical performances, Provision of entertainment, Corporate entertainment services, Cabaret entertainment services, Live musical theater performances, Live performance services, Arranging and presenting of live performances, Presentation of live entertainment performances,

Organisation of live musical performances, Presentation of live performances by musical bands, Entertainment in the nature of live performances by musical bands, Entertainment in the nature of live performances and personal appearances by a costumed character, Nightclub services [entertainment].

Damian Butler, 26 St Agnes Park, Dublin D12C2P5, Ireland. Address for service is c/o Damian Butler, 26 St Agnes Park, Dublin D12C2P5, Ireland.

---

## THE BIG GRILL

**274006** 03 January 2023

- Class 43. Services for providing food and drink; Corporate hospitality (provision of food and drink); Providing camp ground facilities; Provision of exhibition and meeting facilities; provision of social event facilities; Services for providing food and drink; Food and drink catering; Mobile catering services; Business catering services; Outside catering services; Food and drink catering for cocktail parties; Food and drink catering for banquets; Serving of alcoholic beverages; Serving food and drink for guests; Consultancy services in the field of food and drink catering; Serving food and drink in restaurants and bars; Wine tasting services (provision of

beverages); food tasting services; Rental of bar equipment; Bar services; information, advisory and consultancy services relating to the aforesaid.

Edible Events Limited, 1 Swanville Place, Rathmines, D06 X3T1, Ireland. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.



**274007** 18 September 2025

Class 16. Children's books; Printed children's books.

Class 28. Toys.

Laura Wilson, 13 The Close, Silverbanks, Meath K32YE26, Ireland. Address for service is c/o Laura wilson, 13 The Close, Silverbanks, Meath K32YE26, Ireland.

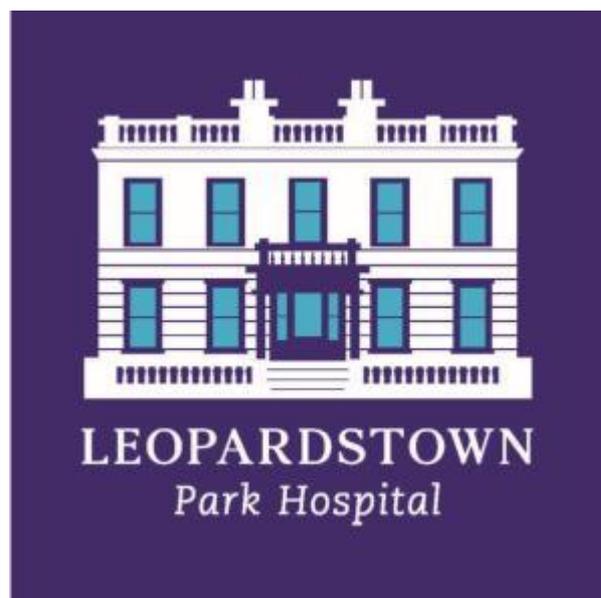
## THE CHICKEN HATCH

**274008** 23 September 2025

Class 29. Chicken; Chicken wings; Chicken nuggets; Roast chicken; Frozen chicken; Chicken stock; Chicken salad; Chicken sausages; Chicken balls; Chicken meatballs; Chicken pieces; Fried chicken; Fresh chicken; Chicken burgers; Chicken jerky; Chicken pate; Chicken legs; Pulled chicken; Cooked chicken; Prepared meals containing [principally] chicken; Frozen meals consisting primarily of chicken; Ready cooked meals consisting primarily of chicken; Meat, fish, poultry and game; turkey burgers; burgers; meat burgers; vegetable burgers; tofu burger patties; soy burger patties; veggie burger patties; sausages; vegetarian sausages; vegetarian charcuterie; meat substitutes; vegetable-based meat substitutes; Meat-based snack foods; Vegetable-based snack foods; Soy-based snack foods; Potato snack foods; Fruit based snack foods; Nut-based snack foods; prepared meals consisting primarily of meat, fish, poultry, game, dairy, eggs, vegetables or meat substitutes; meat extracts; prepared salads; preserved, dried and cooked fruits and vegetables; jellies for food, jams; eggs, milk and milk products for food for human consumption; edible oils and edible fats; milk shakes; Dairy products and dairy substitutes; Chilled dairy desserts; Desserts made from

- milk products; Preserves, pickles; Soups; Stews.
- Class 30. Chicken wraps; Chicken gravy; Chicken sandwiches; Chicken pies; Sauces for chicken; Sandwiches containing chicken; Poultry and game meat pies; Pastries consisting of vegetables and poultry; Flavourings made from poultry; Pies containing poultry; Sandwiches; Hamburger sandwiches; Burgers contained in bread rolls; Sandwiches containing meat; Hot dog sandwiches; Sandwiches containing fish; Sandwiches containing salad; prepared meals consisting primarily of rice, pasta or noodles; Pizzas; Pies; ice cream, frozen yogurt, gelato; honey, treacle; edible yeast, baking-powder; salt; mustard; vinegar, sauces (condiments); spices; fruit sauces; ice; Coffee, tea, cocoa, sugar, rice, tapioca, sago, artificial coffee; Flour preparations for food; Preparations made from cereals; bread; pastry; non-medicated confectionery; rice or cereal based snack foods; snack foods consisting principally of confectionery; Prepared desserts [confectionery]; Prepared desserts [pastries]; Ice cream desserts.
- Class 35. Retail services relating to food; Retail services relating to non-alcoholic and alcoholic beverages.
- Class 43. Providing of food and drink; restaurant, cafe and bar services; catering services; take-away fast food services; Providing of food and drink via a mobile truck.

Musgrave Limited, Ballycurreen, Airport Road, Cork, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.



**274009** 27 August 2025

- Class 35. Administrative services for medical referrals; Marketing; Providing commercial and business contact information.
- Class 41. Entertainment services; Recreational services for the elderly; Arranging and conducting of entertainment activities.
- Class 43. Homes for the elderly [retirement]; Catering services; Catering services for nursing homes; Providing food and drink.
- Class 44. Advice relating to the medical needs of elderly people; Nursing homes; Providing medical information in the field of geriatrics; Geriatric nursing; Convalescent homes; Arranging of accommodation in convalescent homes; Convalescent home services; Nursing services; Nursing home services; Provision of nursing care; Respite care services in the nature of home nursing aid; Medical and healthcare services; Hospice services.

Leopardstown Park Hospital, Foxroxk, Dublin18 D18XH70, Ireland. Address for service is c/o Jeremy Erwin, Hayes solicitors LLP, Lavery House, Earlsfort Terrace, Dublin D02 T625, Ireland.

---

## Gelsius

**274010** 22 September 2025

Class 42. Research and development of new products for third parties in the field of plastic materials; Development of new products; Design and development of new products.

Lindsey Buchet, Unit 5 Westpoint Trade Ctr, Link Road, Ballincollig, Cork P31AF30, Ireland. Address for service is c/o Lindsey Buchet, Unit 5 Westpoint Trade Ctr, Link Road, Ballincollig, Cork P31AF30, Ireland.

---

## How You Can

**274011** 22 September 2025

Class 36. Financial services; banking services; Personal banking services; monetary services; insurance services; deposit-taking; credit services; consumer lending; current, savings and investment accounts; credit card, debit

card, charge card and cash card services; provision of banking services via the telephone, the Internet and interactive television; money transmission, electronic banking and funds transfer services; financial planning, advice, research and report services; electronic foreign currency exchange services; foreign currency exchange; providing financial information and advice; life assurance and pensions; financial services relating to investment; consultancy, advisory and information services to all of the aforesaid services.

The Governor and Company of the Bank of Ireland (established in Ireland by charter in 1783 and having limited liability) doing business as Bank of Ireland Group, 40 Mespil Road, Dublin 4, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.



**274012** 19 September 2025

Class 25. Ties; Bow ties; Cravats; Neck scarves; Neck scarfs [mufflers]; Neck tube scarves; Neck scarves [mufflers]; Mufflers [neck scarves]; Mufflers as neck scarves; Clothing; Shirts; T-shirts; Tee-shirts; Tennis shirts; Polo shirts; Sweaters; Cashmere sweaters; Woollen sweaters; Turtleneck sweaters; Polo sweaters; Mock turtleneck sweaters; Jumpers [sweaters]; V-neck sweaters; Crew neck sweaters; Sweat shirts; Hooded sweat shirts; Hoodies; Jackets; Coats; Blazers; Suits; Trousers; Leggings [trousers]; Snowboard trousers; Plastic trousers; Fishing trousers; Casual trousers; Riding trousers; Corduroy trousers; Waterproof trousers; Over-trousers; Rain trousers; Ski trousers; Short trousers; Golf trousers; Jeans; Shorts; Skirts; Dresses; Belts for clothing; Footwear; Headgear; Thermal headgear; Sports headgear [other than helmets]; Parts of clothing, footwear and headgear; Caps; Hats; Beanies; Headbands; Headbands [clothing]; Headbands for clothing; Headbands against sweating; Shoes; Sneakers; Sandals; Boots; Gloves; Socks; Hosiery; Sportswear; Sportswear incorporating digital sensors; Track suits; Gymwear; Casualwear.

Prince Avarachan, 88, Cluain Bui, Greenville, Enniscorthy, Wexford Y21A3H7, Ireland. Address for service is c/o Prince Avarachan, 88, Cluain Bui, Greenville, Enniscorthy, Wexford Y21A3H7, Ireland.

The mark in use is/will be in the colour(s) Yellow, Red, Black and White.



**274013** 19 September 2025

Class 36. Appraisal of digital works of art.

Class 45. Cartoon character licensing; Cartoon character licensing [legal services].

Fionn Murray, Tankardstown, Navan, Meath C15D822, Ireland. Address for service is c/o Fionn Murray, Tankardstown, Navan, Meath C15D822, Ireland.

---

## IRL STUDIOS

**274014** 28 May 2025

Class 41. Entertainment services; organisation and hosting of cultural events, live performances, concerts, fashion shows, exhibitions, brand experiences and public events; music production; audio and video production; photography and videography services; fashion education; conducting workshops, talks

and masterclasses in the fields of fashion, music and culture; publication of digital and printed media including blogs, zines, and look books; providing online non-downloadable multimedia content; entertainment services provided by artists and influencers; organising branded pop-up events, showcases, and creative installations.

In Real Life Studios Limited, 34 Alma Road, Monkstown, Dublin A94NP22, Ireland. Address for service is c/o In Real Life Studios Limited, c/o Finn Colfer, 34 Alma Road, Monkstown, Dublin A94NP22, Ireland.

---

## Sarhan

**274015** 04 June 2025

Class 25. Undergarments; clothing.

Sarhan LTD, 3 PARK ROAD BARODA COURT, NEWBRIDGE W12HK23, Ireland. Address for service is c/o Sarhan LTD, c/o Sarah Low, 3 PARK ROAD BARODA COURT, NEWBRIDGE W12HK23, Ireland.

The mark in use is/will be in the colour(s) Black



**274016** 21 May 2025

Class 40. Production of electrical energy from renewable sources.

Emanuel Vlad Andrei, 8th Lock The Talbot Ap.604, Ratoath Road, Dublin D11Y5XY, Ireland. Address for service is c/o Emanuel Vlad Andrei, 8th Lock The Talbot Ap.604, Ratoath Road, Dublin D11Y5XY, Ireland.

---

## BridgeStep

**274017** 24 September 2025

Class 9. Downloadable applications for mobile devices.

Darragh Brady, Killeen, Baskin Lane, Cloghran K67 P9R6, Ireland. Address for service is c/o Darragh Brady, Killeen, Baskin Lane, Cloghran K67 P9R6, Ireland.

The mark in use is/will be in the colour(s) Black.

## Your Way Forward



**274018** 22 September 2025

Class 36. Financial services; banking services; Personal banking services; monetary services; insurance services; deposit-taking; credit services; consumer lending; current, savings and investment accounts; credit card, debit card, charge card and cash card services; provision of banking services via the telephone, the Internet and interactive television; money transmission, electronic banking and funds transfer services; financial planning, advice, research and report services; electronic foreign currency exchange services; foreign currency exchange; providing financial information and advice; life assurance and pensions; financial services relating to investment; consultancy, advisory and information services to all of the aforesaid services.

The Governor and Company of the Bank of Ireland (established in Ireland by charter in 1783 and having limited liability) doing business as Bank of Ireland Group, 40 Mespil Road, Dublin 4, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

**274019** 24 September 2025

Class 35. Wholesale services and retail services relating to laboratory equipment and instruments, laboratory consumables, cell and tissue culture plastics, filtration media, filters and filtration systems and laboratory products; Wholesale services and retail services relating to laboratory glassware and plasticware, jointedware, liquid-handling apparatus and consumables, pipettes, pipette tips, burettes and bottle-top dispensers, safety and cleaning products, gloves, protective wear, wipes, spill kits and detergents; Wholesale services and retail services relating to chemicals, analytical reagents and standards, biological reagents, titration reagents and water standards, laboratory salts and buffers, pure and pure-pharma grade chemicals, and solvents; Wholesale services and retail services relating to laboratory equipment and instruments, namely pumps, spectrophotometers, centrifuges, heating and cooling apparatus, material characterisation instruments, analytical instrumentation, balances and calibration test weights, microscopes, airflow and containment equipment (namely fume hoods and biosafety cabinets), purification and sterilisation apparatus; Wholesale services and retail services relating to laboratory reference materials, bioprocessing

components namely tubing, fittings, connectors, sensors, manifolds and assemblies; Wholesale services and retail services relating to laboratory furniture, benches, service modules, sinks, cabinets, supply and waste systems and personal protective equipment; business consultancy; business planning consultancy; business management.

- Class 37. Installation, maintenance and repair of scientific, laboratory and bioprocess equipment and instruments; installation, maintenance and repair of laboratory furniture, benches, fume hoods and containment equipment; laboratory fit-out services; retrofitting and replacement of laboratory equipment.
- Class 41. Training relating to the installation, operation and maintenance of laboratory equipment and systems.
- Class 42. Calibration services  
Calibration services for laboratory instruments and equipment; Laboratory testing; Technical testing; Quality testing; Product testing; Scientific testing services; Testing services for the certification of quality or standards; Quality audits; quality control and compliance auditing in laboratories; design and planning of laboratories and laboratory workflows; technical consultancy in the field of laboratory equipment and laboratory systems; engineering services; design services.

Laboratory Supplies Limited, John F. Kennedy Drive, Naas Road, Dublin D12 FP79, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

---



**274020** 25 September 2025

- Class 9. Cloud computing software; Database management software; Document management software; Computer software programs for database management; Data and file management and database software.
- Class 42. Software as a service [SaaS]; Providing temporary use of online non-downloadable software for accessing and using a cloud computing network; Providing online, non-downloadable software; Providing online non-downloadable computer software; Providing temporary use of online non-downloadable software; Providing on-line non-downloadable software for database management; Providing temporary use of on-line non-downloadable software for the management of data; Providing temporary use of on-line non-downloadable

software for the management of information.

Juan Ignacio Pita Hoffman, 322 Station Walk, Newbridge W12 XP08, Ireland. Address for service is c/o Juan Ignacio Pita Hoffman, 322 Station Walk, Newbridge W12 XP08, Ireland.

BRIGHT SG LIMITED, 3 Shortlands, Hammersmith, London W6 8DA, United Kingdom. Address for service is c/o BRIGHT SG LIMITED, c/o GCS Europe Ltd., 14, Antim I Str., 1303 Sofia, Bulgaria.

## BrightCapture

**274021** 25 September 2025

- Class 9. Artificial intelligence software; Artificial intelligence software for analysis; Artificial intelligence and machine learning software; Software for the integration of artificial intelligence and machine learning in the field of Big Data; Interactive software based on artificial intelligence; AI software.
- Class 42. Artificial intelligence consultancy; Artificial intelligence as a service [AIaaS]; Research in the field of artificial intelligence; Research in the field of artificial intelligence technology; Providing artificial intelligence computer programs on data networks; Platforms for artificial intelligence as software as a service [SaaS]; Software as a service [SaaS] featuring computer software platforms for artificial intelligence; Technology consultation in the field of artificial intelligence.



**274022** 25 September 2025

- Class 9. Artificial intelligence software; Artificial intelligence software for analysis; Artificial intelligence and machine learning software; Interactive software based on artificial intelligence; Software for the integration of artificial intelligence and machine learning in the field of Big Data; AI software.
- Class 42. Artificial intelligence consultancy; Artificial intelligence as a service [AIaaS]; Research in the field of artificial intelligence; Research in the field of artificial intelligence technology; Providing artificial intelligence computer programs on data networks; Platforms for artificial intelligence as software as a service [SaaS]; Software as a service [SaaS] featuring computer software platforms for artificial intelligence; Technology consultation in the field of artificial intelligence.

BRIGHT SG LIMITED, 3 Shortlands,  
Hammersmith, London W6 8DA, United Kingdom.  
Address for service is c/o BRIGHT SG LIMITED,  
c/o GCS Europe Ltd., 14, Antim I Str., 1303 Sofia,  
Bulgaria.

Still  
SUAÍN

**274023** 26 September 2025

- Class 10. Ear plugs for sleeping.
- Class 24. Pillowcases.
- Class 25. Masks (Sleep -); Silk clothing.
- Class 35. Online marketing; Online retail services relating to clothing.

Daniel O'Mahony, Opera Lane, Centre, Cork  
T12Y978, Ireland. Address for service is c/o Daniel  
O'Mahony, Opera Lane, Centre, Cork T12Y978,  
Ireland.

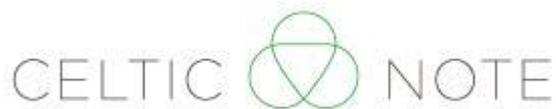
The mark in use is/will be in the colour(s) Black and  
White

## Unlock What's Possible

**274024** 22 September 2025

- Class 36. Financial services; banking services; Personal banking services; monetary services; insurance services; deposit-taking; credit services; consumer lending; current, savings and investment accounts; credit card, debit card, charge card and cash card services; provision of banking services via the telephone, the Internet and interactive television; money transmission, electronic banking and funds transfer services; financial planning, advice, research and report services; electronic foreign currency exchange services; foreign currency exchange; providing financial information and advice; life assurance and pensions; financial services relating to investment; consultancy, advisory and information services to all of the aforesaid services.

The Governor and Company of the Bank of Ireland (established in Ireland by charter in 1783 and having limited liability) doing business as Bank of Ireland Group, 40 Mespil Road, Dublin 4, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.



**274025** 26 September 2025

- Class 35. Online retail services for downloadable and pre-recorded music and movies; Online retail services for downloadable digital music.
- Class 38. Streaming of audio, visual and audiovisual material via a global computer network; Streaming audio and video material on the Internet.

Crashed Ltd, 13 Hawthorn Avenue, East Wall, Dublin D03VY64, Ireland. Address for service is c/o Crashed Ltd, c/o Ian Hennessy, 13 Hawthorn Avenue, East Wall, Dublin D03VY64, Ireland.

Application is for a Series of 2 Trade Marks.

**274026** 09 May 2025

- Class 5. Pharmaceutical and veterinary preparations; dietetic food and substances for medical or veterinary use; food for babies; dietary supplements for humans or animals.
- Class 9. Mobile applications; software applications for use with mobile devices.
- Class 10. Medical apparatus for testing blood; cholesterol testing apparatus and instruments.
- Class 16. Books; printed matter; leaflets, articles, fact sheets; magazines, periodicals; stationery; writing implements; pen and pencil

- cases; paper, pads, postcards, journals, notebooks; office requisites other than furniture; ring binders; sticky notes; calendars, diaries; posters; photographs; paper place mats, paper coasters; promotional material made of paper and cardboard.
- Class 29. Meat, fish, shellfish, poultry and game; preserved, products made mainly of meat, fish, shellfish, poultry or game; prepared, dried or cooked fruits, vegetables or nuts; processed fruits, fungi, vegetables, nuts and pulses; dairy products and dairy substitutes; milk or milk products; eggs and egg substitutes; jellies, jams, compotes; desserts; edible oils and fats; vegetable, fruit or dairy based spreads; meat, fish or seafood based spreads; frozen fruits, frosted fruits, fruit based snack foods, fruit pulp, stewed fruit; milkshakes and dairy based drinks; crisps; fruit or vegetable snacks, potato snacks; vegetable and bean-based crisps; meat or fish based snacks; dips; plant-based alternatives to dairy; plant-based alternatives to yogurt, milk, cheese, flavoured milk and milk drinks; plant-based alternatives to custard and cream; plant-based desserts; meat alternatives; meat alternatives including mycoprotein, soya, pea protein or any other based on plants; dried, fresh, canned or frozen beans and pulses; prepared meals and individual prepared dishes consisting of meat, fish, shellfish, poultry, game, dried or cooked fruits, vegetables or nuts, processed fruits, fungi, vegetables, pulses, eggs, jellies, jams, compotes, deserts, plant-based alternatives to dairy, yogurt, milk, cheese, soya, pea protein and beans; prepared salads; convenience foods consisting of snack food products made from cereals, meat-based snack food, fish-based snack food, vegetable snack food and fruit-based snack food.
- Class 30. Coffee, tea, cocoa and substitutes therefor; rice, pasta and noodles; tapioca and sago; artificial coffee; tea, coffee or cocoa based beverages; chocolate based beverages; chocolate beverages with milk; iced tea; flour and preparations made from cereals; chocolate spreads; bread, pastry, cakes, muffins, rolls, confectionery; ice, ices, ice cream, edible ices, frozen yoghurt, frozen confectionery, sorbets; frozen plant-based ice, ices, ice cream and sorbets; frozen yogurt alternatives; sugar; honey, treacle; yeast, baking-powder; salt, mustard; vinegar; sauces (condiments); spices; tacos; cereal snacks; savoury snacks; wholewheat crisps; crisps made from cereals; rice cakes; sandwiches; wraps; Breakfast cereals; prepared meals and individual prepared dishes consisting of rice, custard, pasta and noodles, cereals, bread, pastry, cakes, muffins, rolls and yogurts; convenience foods consisting of snack food products made from cereals, rice-based snack food, meat-based snack food and fruit-based snack food; custard; corn chips.
- Class 31. Fresh fruits and vegetables; seeds; nuts.
- Class 32. Mineral and aerated waters; non-alcoholic beverages; fruit beverages; fruit juices

- and smoothies; low and no alcohol beverages; syrups and other preparations for making beverages.
- Class 35. Promotional and marketing services provided to others; advertising services provided to others; online retail services relating to food and drink products; organisation of trade fairs and exhibitions; market campaigns; development of promotional campaigns; developing promotional campaigns for business; consultancy relating to the aforesaid services.
- Class 41. Educational services; providing of training; entertainment; sporting and cultural activities; provision of information in relation to entertainment, fitness, sporting or cultural activities; provision of educational information; health education and training; arranging and conducting symposiums, congresses, conferences, workshops, seminars and tutorials; webinars and online training; publication services; publication of books printed matter, films, DVDs, CDs; arranging competitions; health club services; rental of DVDs, films, CDs; provision of sports facilities; rental of sports equipment; conducting fitness classes; consultancy relating to the aforesaid services.
- Class 42. Testing, analysis and evaluation of goods and services of others for the purpose of certification; testing, authentication and quality control; scientific research services for medical purposes; consultancy relating to the aforesaid services.

- Class 44. Medical services, veterinary services; providing health information; health advice and information services; information relating to nutrition; providing medical information in the healthcare sector; providing information online in the field of health; consultancy in relation to health care.
- Class 45. Personal counselling services; political campaign consulting; consultancy relating to the aforesaid services.

Priority Date Claimed: 11 November 2024 United Kingdom

Hyperlipidaemia Education & Atherosclerosis Research Trust UK, 7 North Road, Maidenhead, Berkshire SL6 1PE, United Kingdom. Address for service is c/o NIALL TIERNEY, Tierney IP, Galway Technology Centre, Mervue Business Park, Galway H91 D932, Ireland.

---

**INIU**

**274027** 11 June 2025

- Class 9. Electrical connectors ; cables, electric; data transmission cables; electric power supply units; voltage regulators; cell phone battery chargers for use in vehicles; chargers; portable chargers; wireless chargers; battery chargers; smartphone chargers; charging appliances for rechargeable equipment; power banks; rechargeable batteries; portable power supplies (rechargeable batteries);

batteries; electrical connectors ; cables, electric; data transmission cables; electric power supply units.

Zhesheng Zheng, Room 8F, Fuyige, Fuxing Garden, No.162 Fuxing Road, Futian District, Shenzhen City, Guangdong, China. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

---

## PulseGPS

274028 26 September 2025

Class 9. Smartwatches; GPS transmitters; GPS software; GPS receivers; GPS navigation devices; GPS navigation device; GPS navigation systems; Global positioning systems (GPS); Software for GPS navigation; Global positioning system [GPS] receivers; Software for GPS navigation systems; Global Positioning System [GPS] apparatus; Global positioning system (GPS) apparatus; Global positioning system (GPS) devices; Gyro sensors using GPS functions; Global positioning system [GPS] computer software; Computer software for Global Positioning Systems (GPS); Electronic monitoring instruments, other than for medical use; Bio-sensors; Wearable monitors; Wearable computers; Wearable audio equipment; Wearable activity trackers; Wearable telecommunication apparatus; Wearable smart

phones; Wearable displays; Wearable speakers; Wearable video display monitors; Wearable communications devices in the form of wristwatches; Wearable digital electronic devices capable of providing access to the Internet; Satellite navigation systems; Portable navigation devices; Satellite navigation devices; Car navigation computers; Satellite navigational system for bicycles; Vehicle navigation systems featuring interactive displays; Electronic navigational and positioning apparatus and instruments; Electronic navigation apparatus; Electronic navigation systems; Satellite navigational instruments; Navigation apparatus for boats; Satellite-aided navigation systems; Satellite navigational apparatus; Satellite navigational systems; Navigation apparatus and instruments; Dashboard mounts for navigation devices; Smartbands; Smart bracelets; Smart glasses; Smartglasses; Smartphones; Smart rings; Smart watches; Smart speakers; Headphones for smartphones; Earphones for smartphones; Headphones for smart phones; Wireless headsets for smartphones; Wireless headsets for smart phones; Watchbands that communicate data to smartphones; Smartphones in the shape of a watch; Smart meters; Wrist-mounted smartphones; Personnel tracking devices; Vehicle tracking apparatus; Electronic tracking apparatus and instruments; Navigation, guidance, tracking, targeting and map making equipment; Portable speakers; Portable

multimedia players [PMPs]; Portable communications apparatus; Portable media players; Portable multimedia players; Portable music players; Computer software for use on handheld mobile digital electronic devices and other consumer electronics; Mounting devices for monitors; Respiration monitors, other than for medical use; Respiratory monitors [non-medical].

Class 10. Blood oxygen monitors; Blood pressure monitors; Body composition monitors; Body fat monitors; Body-fat monitors; Body fat monitors for medical purposes; Cardiovascular monitors; Dynamic ECG monitors; Dynamic electrocardiogram monitors; Electrocardiograph monitors; Electronic blood pressure monitors [for medical use]; Electronic blood oxygen saturation monitors [for medical use]; Electronic heart rate monitors [for medical use]; Electronic temperature monitors for medical use; Heart monitors; Heart monitors to be worn during exercise; Heart rate monitors; Oxygen concentration monitors for medical use; Oxygen monitors for medical use; Pulse rate monitors; Respiration monitors; Wearable monitors used to measure biometric data for medical use; Temperature monitors for medical use; Respiratory monitors [medical]; Respiration monitors for medical use; Pressure monitors for medical use.

Class 35. Retail services in relation to smartwatches; Retail services in relation to wearable computers; Retail services in relation to navigation devices; Online retail

services relating to jewelry; Online retail store services relating to clothing; Retail services in relation to bicycle accessories; Retail services in relation to medical instruments; Retail services in relation to sporting equipment; Retail services in relation to smartphones; Retail services in relation to clothing; Retail services relating to clothing; Retail services relating to jewelry.

eDynamics Ltd, 93 George's Street Upper, Dun Laoghaire, Dublin A96V1K8, Ireland. Address for service is c/o eDynamics Ltd, c/o John Dundon, 93 George's Street Upper, Dun Laoghaire, Dublin A96V1K8, Ireland.

---

## Soleir

**274029** 17 September 2025

Class 1. Agricultural chemicals.

Class 31. Animal feed; Animal foodstuffs; Animal feed premixes.

Innovo Tec Unlimited Company, 35A Kickham Street, Carrick-On-Suir, Tipperary E32E397, Ireland. Address for service is c/o Jill Griffin, 1 Maryborough Street, Graiguecullen, Carlow R93 P4A9, Ireland.

## WOOLY FLOCK

274030 25 September 2025

Class 28. Soft toys; Soft toys in the form of animals.

ROBERT SCANLAN, Allied House, 804 Northwest Business Park, Ballycoolin, DUBLIN D15A9WE, Ireland. Address for service is c/o ROBERT SCANLAN, Allied House, 804 Northwest Business Park, Ballycoolin, DUBLIN D15A9WE, Ireland.

---

## Supplements Made Simple

274031 26 September 2025

Class 5. Food supplements.

Isola Health Store Ltd, 27 Cork Road, Midleton, Co. Cork P25K162, Ireland. Address for service is c/o Isola Health Store Ltd, c/o Doireann O'Leary, 27 Cork Road, Midleton, Co. Cork P25K162, Ireland.



274032 27 August 2025

Class 44. Mental health services.

BetterCare Mental Health Services limited, Giltown, Beauparc, Navan C15C589, Ireland. Address for service is c/o BetterCare Mental Health Services limited, C/o Neil Costello, Giltown, Beauparc, Navan C15C589, Ireland.

---

## LAMBKINS

274033 26 September 2025

Class 28. Soft toys; Soft toys in the form of animals.

ROBERT SCANLAN, Allied House, 804 Northwest Business Park, Ballycoolin, DUBLIN D15A9WE, Ireland. Address for service is c/o ROBERT SCANLAN, Allied House, 804 Northwest Business Park, Ballycoolin, DUBLIN D15A9WE, Ireland.

---

## CLEAR INSURANCE IRELAND

274034 27 February 2025

Class 36. Insurance services and insurance brokerage; Insurance and financial services; consultancy services relating to insurance and financial services; insurance broking;

underwriting services;  
financial affairs; monetary  
affairs; real estate affairs;  
financial services provided  
via the internet; insurance  
provided via the internet;  
advisory, consultancy and  
information services relating  
to all of the above services.

McAuliffe Barry & Collins Limited, Building 5200,  
Cork Airport Business Park, County Cork T12  
FDN3, Ireland. Address for service is c/o Fiona  
Gorman, C/O F. F. Gorman & Co, 15 Clanwilliam  
Square, Dublin 2, Ireland.

---

## ABBEY OF THE ARTS

274035 23 September 2025

Class 41. Education services;  
Educational services relating  
to spiritual development;  
arranging and conducting  
conferences, seminars,  
workshops and events for  
educational, cultural or  
religious purposes;  
organisation of exhibitions  
for educational purposes;  
educational and training  
services provided via online  
platforms and digital media;  
development and  
dissemination of online and  
printed educational materials  
in the field of religious  
education for educational and  
training purposes; publishing  
of religious books, bulletins,  
pamphlets, and instructional  
manuals; providing online  
non-downloadable  
publications in the nature of  
articles, blogs, interviews,

teaching materials, sermons,  
and digital books and guides  
in the field of religion;  
providing religious and  
spirituality instruction by  
means of online non-  
downloadable webinars,  
sermons, and tutorials;  
providing in-person, live  
religious and spirituality  
instruction; educational  
services, namely, conducting  
online non-downloadable  
classes, seminars,  
conferences and workshops  
in the field of religion and  
spirituality; educational  
services, namely, conducting  
in-person, live classes,  
seminars, conferences and  
workshops in the field of  
religion and spirituality;  
event planning and  
management for educational  
or cultural purposes;  
educational and  
entertainment services,  
namely, conducting online  
non-downloadable programs  
about religion and  
spirituality; educational and  
entertainment services,  
namely, conducting in-  
person, live programs in the  
field of religion and  
spirituality; organising and  
conducting religious  
educational seminars,  
workshops, and training  
sessions; providing online  
training and educational  
experiences in the field of  
religion; facilitating group  
collaboration and  
communication for religious  
educational purposes through  
multimedia content.

Class 45. Conducting religious prayer  
services; conducting  
religious ceremonies;  
organising and leading  
religious worship; religious  
and spiritual guidance;  
arranging and conducting  
religious gatherings and  
ceremonies; spiritual

services, namely, conducting religious worship; religious and spiritual counselling and ministerial services; organisation of religious and spiritual meetings; religious and spiritual services, namely, providing gatherings and retreats to develop and enhance the spiritual lives of individuals; providing information in the field of religion; online social networking services in the field of religion and spirituality; providing a website relating to information about religion and spirituality; Mentoring [spiritual].

Christine Paintner, 36 Dominick Street Lower, Atlanta House 22, Galway H91Y4D8, Ireland. Address for service is c/o Hazel McDwyer, c/o Mason Hayes & Curran LLP, South Bank House, Barrow Street, Dublin D04TR29, Ireland.

Class 35. Staff recruitment; Recruitment consultancy services; Personnel recruitment consultancy; Professional recruitment services; Business recruitment consultancy; Executive recruitment services; Personnel recruitment services; Personnel recruitment advertising; Permanent staff recruitment; Model recruitment agencies; Employment recruitment; Recruitment (Personnel -); Personnel recruitment; Recruitment advertising; Recruitment services.

Agnieszka Szymłowska, 10 The Road Barnhall Meadows, Leixlip W23DK4H, Ireland. Address for service is c/o Agnieszka Szymłowska, 10 The Road Barnhall Meadows, Leixlip W23DK4H, Ireland.

---

## Senzio

274037 10 August 2025

Class 9. Electronic sensors; Environmental sensors; Air quality sensors; Gas sensors; Electronic measuring apparatus; Electronic monitoring instruments; Telemetry transmitters; Wireless data transmission devices; Electronic data loggers; Measuring apparatus for energy consumption; Electronic control and monitoring devices.

Class 42. Programming of energy management software; Development of energy and



274036 26 September 2025

power management systems;  
Environmental monitoring  
services; Machine condition  
monitoring.

Nuenergytek Ltd, Unit 8, North Point Business Park,  
New Mallow Road, Cork, Ireland. Address for  
service is c/o Nuenergytek Ltd, c/o Patrick Dowling,  
Unit 8, North Point Business Park, New Mallow  
Road, Cork, Ireland.



**274038** 26 September 2025

Class 28. Games and playthings; dolls,  
toys; balls for games;  
balloons; playing cards;  
Novelty toys for parties;  
Party favors in the nature of  
small toys; Mechanical toys;  
Crib toys; Wheeled toys;  
Assembly toys; Modular  
toys; Outdoor toys; Fidget  
toys; Intelligent toys; Talking  
toys; Push toys; Puzzles  
[toys]; Model toys; Stuffed  
toys; Soft toys; Fluffy toys;  
Cuddly toys; Mobiles [toys];

Construction toys; Plastic  
toys; Electronic toys; Fabric  
toys; Cloth toys; Educational  
toys; Action toys;  
Developmental toys;  
Electronic learning toys;  
Battery operated toys;  
Fantasy character toys;  
Plastic character toys; Lever  
action toys; Electric action  
toys; Radio-controlled toys;  
Plush stuffed toys; Soft  
sculpture toys; Stuffed plush  
toys; Stuffed animals [toys];  
Electronic action toys;  
Electronic activity toys;  
Children's toys; Toys for  
babies; Toys for infants;  
Action figure toys; Battery-  
operated action toys; Toys  
made of wood; Toys made of  
bamboo; Toys made of  
rubber; Toys relating to  
magic; Multi-part  
construction toys; Toys made  
of plastics; Plastic models  
being toys; Stuffed bean-  
filled toys; Toys sold in kit  
form; Soft toys in the form of  
animals; Craft toys sold in kit  
form; Toys and playthings  
for pets.

Carroll's Irish Gifts, Unit 20, Fonthill Business Park,  
Fonthill Road, Dublin D22 RF90, Ireland. Address  
for service is c/o Tomkins & Co, 5 Dartmouth Road,  
Dublin 6 D06 F9C7, Ireland.

## River & Root River And Root

Application is for a Series of 2 Trade Marks.

**274039** 27 September 2025

Class 29. Seeds, prepared; Nuts, prepared; Nut-based snack foods; Snack foods based on nuts; Processed seeds; Seeds (Processed -); Dried vegetables; Vegetables, dried.

Class 30. Rice; Creamed rice; Rice snacks; Brown rice; Enriched rice, uncooked; Natural rice flakes; Rice cake snacks; Milled rice for human consumption; Processed seeds for use as a seasoning; Processed seeds used as a flavoring for foods and beverages.

Avanti Foods Limited, 52 Ros Ard, Monksland, Roscommon N37D7E5, Ireland. Address for service is c/o Avanti Foods Limited, 52 Ros Ard, Monksland, Roscommon N37D7E5, Ireland.

---

## Sage & Stone Sage And Stone

Application is for a Series of 2 Trade Marks.

**274040** 27 September 2025

Class 3. Hairspray; Hair lotions; Hair liquids; Hair liquid; Hair balms; Hair glaze; Hair nourishers; Hair masks; Hair serums; Hair moisturisers; Hair cosmetics; Hair shampoo; Hair shampoos; Hair conditioner; Hair tonic; Hair conditioners; Hair mousse; Hair creams; Hair oil; Hair gels; Hair oils; Hair lotion; Hair tonics.

Avanti Technologies Limited, 4 The Weir, City Quarter, Athlone, Ireland N37PW30, Ireland. Address for service is c/o Avanti Technologies Limited, 4 The Weir, City Quarter, Athlone, Ireland N37PW30, Ireland.

---

## Grain to Glass to Green

**274041** 29 September 2025

Class 33. Alcoholic beverages (except beer).

Nicholas Ryan, The Old Creamery Drombanna, Limerick V94 P825, Ireland. Address for service is c/o Nicholas Ryan, The Old Creamery Building Drombanna Limerick, Limerick V94 P825, Ireland.

---

## Galway Cocktail Week

**274042** 29 September 2025

Class 35. Organization of events, exhibitions, fairs and shows for commercial, promotional and advertising purposes.

Class 41. Organisation of festivals.

Ross McGregor, Unit 10 District 10, 25 Greenmarket, Dundee DD1 4QB, United Kingdom. Address for service is c/o Abigail Groves, Drumbraste East, Acres, Newport, County Mayo F28 R461, Ireland.

## Trinity Trails

274043 05 July 2022

- Class 3. Non-medicated cosmetics, none being cosmetic products for the hair and scalp and toiletry preparations; non-medicated dentifrices; perfumery, essential oils; bleaching preparations and other substances for laundry use; cleaning, polishing, scouring and abrasive preparations.
- Class 5. Food supplements; food for babies; medical preparations; disinfectants.
- Class 6. Badges; baskets; bins; bottle caps and bottle closures or fasteners; busts; works of art; buckles; chests and casks; clothes hooks; figurines and statuettes; letter boxes; memorial plates and plaques; money boxes; number plates; key rings; signs; tin cans; locks; holders, boxes and cases none being for tools; all of the foregoing being made of metal or of alloys of metal.
- Class 8. Hand tools and implements, hand-operated; cutlery; side arms, except firearms; razors and razor cases; manicure sets; nail clippers and nail files; scissors; spatulas [hand tools]; tongs; knife handles.
- Class 9. Credit cards, debit cards, and payment cards being encoded or capable of being encoded; computer programmes; computer software and computer systems; CD-ROMs; DVD-ROMs; computer software to enable searching of data; printed matter and publications in electronic form (downloadable) provided on-line from a database or facilities

provided on the internet (including websites) or other computer networks; pre-recorded compact discs or optical discs; pre-recorded tapes including video tapes and cassettes and audio cassettes; sound recordings; electronic memory cards and electronic cards; computer games and computer games software; containers for contact lenses; magnets; pocket calculators; luminous signs; smart cards, encoded cards and encrypted cards; spectacles cases and frames; sunglasses; parts and fittings for all the aforesaid but not including apparatus and computer programs for production on video, television and computer entertainment and information, apparatus and computer programs for digital video switching, chroma-keying, special effects, generating graphics and animations, audio mixing, character generation, still image storing, timeline editing and computer networking; egg timers; none of the aforesaid goods relating to commodities trading or risk management solutions.

- Class 14. Precious metals and alloys of precious metals; articles of jewellery included in Class 14 made of precious metals or coated therewith; jewellery; badges and buckles of precious metal; cases of precious metal; boxes of precious metal; works of art of precious metal; figurines or statuettes of precious metal; tie clips and pins; cuff links; clocks; coins and copper tokens; objects of imitation gold; key-rings; medals; trinkets [jewellery]; horological and chronometric instruments;

- keyrings; jewellery cases and caskets; parts and fittings included in Class 14 for all the aforesaid goods.
- Class 15. Musical instruments; music stands and stands for musical instruments; conductors' batons.
- Class 16. Paper and cardboard; printed matter, printed publications; albums; almanacs; bags of paper or plastic for packaging; wrapping paper; binders, binding strips and bookbinding material; book-ends, booklets, book markers and books; brochures; boxes of cardboard or paper; envelopes or wrappers of cardboard or paper; diaries and calendars; cards and playing cards; catalogues and charts; chromolithographs; coasters of paper or cardboard; covers (stationery); paper cutters and knives; drawing instruments and materials; engravings and prints; erasing products and rulers; etchings; files (stationery) and folders; paper flags; printed forms and pamphlets; periodicals and magazines; manuals and newsletters; advertising and promotional materials; webpages downloaded from the Internet in the form of printed matter; non-textile labels; lithographic works of art and lithographs; fountain pens, pens, pencils, pencil sharpeners, pencil and pen holders and writing materials; graphic prints and reproductions; paper weights; tickets; notebooks and pads; scrap-books; office requisites other than furniture; packing paper; pictures; instructional and teaching material other than apparatus; paper placemats, cloths and napkins; postcards
- and posters; signs of paper or cardboard; stencils, stickers and transfers; photographs and photo engravings; stationery; ordinary playing cards.
- Class 18. Leather, imitation leather, animal skins and hides; umbrellas and umbrella covers; parasols, sunshades (in the nature of parasols), bags, pouches, wallets, purses, cases of leather, boxes of leather, articles of luggage and carrying bags, trunks, backpacks, satchels, rucksacks, haversacks and briefcases included in Class 18; belts and bands of leather, imitation leather, animal skins or hides; collars and leashes for animals; clothing for animals; envelopes of leather for packaging; key cases; leather leads and leashes; walking sticks; canes.
- Class 20. Plaques of plastic and wood; picture frames; mirrors; furniture; works of art of wood, wax, plaster or plastic; display stands and boards; sign boards of wood or plastic; placards of wood or plastic; decorative wall plaques not of textile; non-metal bottle caps and casings; corks for bottles; busts of wood, wax, plaster or plastic; chairs; tables; non-metal closures for containers; clothes hooks, coat hangers; pillows and cushions; decorations of plastic for foodstuffs; decorative mobiles; trays, not of metal; statues and figurines of wood, wax, plaster or plastic; non-metal and non-luminous house numbers; key boards for hanging keys; magazine racks; non-metal name plates and number plates; non-metal plugs and stoppers;

- wicker work; shells;  
Meerschaum; Yellow amber.
- Class 21. Glass, glassware, crystal, earthenware, pottery, crockery and porcelain, all included in Class 21; baskets for domestic use; bottle openers and bottles; holders, boxes and cases of glass included in Class 21; brush goods and combs; perfume burners and sprayers; figurines and busts of china, earthenware, pottery, terracotta or glass; household trays; candlesticks, candle extinguishers and candle rings; ceramics for household purposes; china, glass, earthenware and pottery ornaments; coasters [tableware]; cork screws; drinking vessels, cups, mugs, decanters, goblets, tankards, urns, vases, bowls, salt cellars and salt shakers; dishes, flasks, egg cups, jars, jugs and pots; enamelled glass; holders for flowers and plants; napkin holders and napkin rings not of precious metal; piggy banks; shoe horns; signs of porcelain, earthenware, pottery or glass; tableware not of precious metal; toothbrushes and toothpicks; works of art of porcelain, earthenware, pottery, terracotta or glass; ladles for serving wine; salt cellars and salt shakers; sacred vessels; napkin holders, napkin rings, jugs, dishes, cups, flasks, goblets, tankards, containers of precious metals [household]; urns and vases of precious metal; plaques of glass, pottery, earthenware and porcelain; tea cosies; drinking straws.
- Class 24. Textiles included in Class 24; curtains; tea towels and towels; textile banners; textile flags; beach towels; valances; sheets; duvet covers; bath and bed linen; table and household linen; bed blankets, cloths and covers; bedspreads; bunting; textile coasters; loose covers for furniture; eiderdowns; textile handkerchiefs; textile labels; place mats of textile; mattress covers; fabrics; pillow cases and pillow shams; quilts; travelling rugs; table runners of textile; napkins and serviettes; sleeping bags; table cloths; wall hangings of textile; curtain tiebacks.
- Class 25. Articles of clothing included in Class 25; headgear, footwear and hosiery; pyjamas, dressing gowns and bathrobes; sweatshirts, t-shirts, polo shirts, fleeces, bodywarmers; rugby shirts, track suits, blouses, jackets, jumpers; braces; gloves and mittens; neck ties; scarves and shawls; socks and stockings.
- Class 26. Lace, embroidery, badges for wear, not of metal or precious metals; buttons; rosettes (haberdashery), haberdashery; ribbons (haberdashery) and braid; hair bands, hair slides, hair ornaments and hair pins; belt clasps; pin cushions; hat ornaments not of precious metal; heat adhesive patches for decoration of textile articles; snap hooks [fasteners] and edgings for clothing; brooches for clothing; buckles for clothing and footwear.
- Class 28. Games (other than ordinary playing cards); toys and playthings; party novelty hats; shinguards; gloves for games; party balloons; balls for play; video game apparatus; gymnastic and sporting articles (other than clothing); playing balls; footballs; teddy bears;

- decorations for Christmas trees; Christmas crackers; synthetic Christmas trees and stands; cups for dice; darts; dice; dolls and dolls' clothes; dolls' beds; dolls' houses and rooms; tables for indoor football; golf bags and gloves; jokes and novelties; spinning tops; kites; knee guards and protective padding; marbles; marionettes and puppets; skis; slides (playthings); skateboards; skittles; sleighs (playthings); masks (playthings); mobiles [toys]; rattles; roller skates; body building apparatus.
- Class 30. Coffee, tea, cocoa and artificial coffee; rice, pasta and noodles; tapioca and sago; flour and preparations made from cereals; bread, pastries and confectionery; chocolate; ice cream, sorbets and other edible ices; sugar, honey, treacle; yeast, baking-powder; salt, seasonings, spices, preserved herbs; vinegar, sauces and other condiments; ice (frozen water).
- Class 35. Marketing and advertising services; advertising, marketing and promotional consultancy, advisory and assistance services; none of the aforesaid services relating to commodities trading or risk management solutions.
- Class 39. Travel agency and travel booking services; sightseeing and tour arranging services; travel and transport reservation services; escorting of travellers: transportation of passengers: excursion organization; provision of information, consulting and advisory services relating to all the aforesaid services Arranging, organising and conducting
- tours; arranging, organising and conducting tours of the campus; arranging, organising and conducting audio-visual tours of the campus.
- Class 41. Arranging, organising and conducting guided tours; arranging, organising and conducting guided tours of the campus; arranging, organising and conducting audio-visual guided tours of the campus; Arranging and conducting tours of historic and cultural buildings and sites: arranging and conducting tours of universities and educational establishments; arranging excursions to historic and cultural buildings and sites; arranging excursions to universities and educational establishments: ticket booking and reservation services in respect of tours of historic and cultural buildings and sites; ticket booking and reservation services in respect of tours of universities and educational establishments; rental of audio apparatus for use on sightseeing tours and guided tours; provision of information, consulting and advisory services relating to all the aforesaid services.
- THE PROVOST, FELLOWS, FOUNDATION SCHOLARS, AND THE OTHER MEMBERS OF BOARD OF THE COLLEGE OF THE HOLY AND UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN, College Green, Dublin 2, Ireland. Address for service is c/o MACLACHLAN IP LIMITED trading as MACLACHLAN IP, Unit 10, 4075 Kingswood Road, Citywest Business Campus, Dublin 24 D24 C56E, Ireland.
- The Application for Registration is proceeding with the consent of the Proprietors of Registered Irish Trade Mark No. 227040 and European Union Trade Mark No. 10520245.

**COSWELL BIOREPAIR****274044** 30 September 2025

- Class 3. Dentifrices; Non-medicated toothpaste; Tooth gel; Oral hygiene preparations; Breath freshening preparations for personal hygiene; Mouthwashes, not for medical purposes; Dental bleaching gels; Tooth whitening creams; Teeth whitening strips.
- Class 5. Medicated toothpaste; Abrasive fluids for dental use; Antibiotics for use in dentistry; Dental mastics.
- Class 21. Toothbrushes; Floss for dental purposes; Interdental brushes for cleaning the teeth; Sprayers for cleaning gums and teeth.

Coswell S.p.A., Via P. Gobetti 4, FUNO DI ARGELATO, Italy. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

**The Tweezer****274045** 30 September 2025

- Class 7. Pile breaker machines, and apparatus; Pile croppers; Hydraulically operated machines and apparatus for crushing, fracturing, trimming and finishing piles and concrete; Machine tools for pile breakers; Pile

breaker excavators; Pile extractors; Parts and fittings for all the aforesaid goods.

Priority Date Claimed: 31 March 2025 United Kingdom

Pile Breaking Hire Ltd, 60A Downpatrick Street, County Down BT30 9EA, United Kingdom. Address for service is c/o Suzanne Koston, Hanna IP, Ground Floor, Unit 17, Bridge Court Office Park, Walkinstown Ave, Dublin, Ireland.

**274046** 30 September 2025

Class 42. Software as a service [SaaS].

Isha Technologies Ltd, 3 Lisnagar Gardens, Fermoy, Cork P61 PD61, Ireland. Address for service is c/o Isha Technologies Ltd, C/o Bhagya Rekha Jonnala, 3 Lisnagar Gardens, Fermoy, Cork P61 PD61, Ireland.

The mark in use is/will be in the colour(s) Blue, White, Gray



274047 12 September 2025

Class 43. Mobile catering services.

Daves Central Kitchen Limited, Unit 10C, Ringuard House, Malahide Industrial Estate, Dublin 17 D17RR29, Ireland. Address for service is c/o Daves Central Kitchen Limited, C/O John Wang, Business Green Line, Unit 7a Bridgecourt Office Park, Walkinstown Ave, Dublin 12 D12T2T1, Ireland.

SEAMLESS ALUMINIUM  
group



SEAMLESS ALUMINIUM  
group



Application is for a Series of 2 Trade Marks.

274048 24 July 2025

Class 6. Fascias of metal for advertising; Soffits (Metal -); Soffit boards (Metal -); Soffits [metal building materials]; Metal cladding; Metal wall claddings; Cladding board of metal; Cladding panels of metal;

Cladding of metal for building; Aluminium; Aluminium profiles; Aluminium sheets; Aluminium strips; Extruded aluminium profiles; Extruded aluminium sections; Extrusions of aluminium; Guttering of aluminium; Metal roofing; Roofing (Metal -); Roofing of metal; Metal roofing panels; Metal roofing materials; Roofing panels of metal; Roofing materials of metal; Cladding panels of metal for roofing; Metal window jambs; Metal window trims; Metal window trim; Metal window sills; Metal gutter pipes; Gutters of metal; Guttering of metal; Gutter pipes of metal; Gutter brackets of metal; Gutter supports of metal; Street gutters of metal; Roof gutters of metal; Rain gutters of metal; Gutter connection pieces of metal; Guttering of metal for the dispersal of wastewater; Guttering of metal for the collection of wastewater; Guttering of metal for the dispersal of rain-water; Guttering of metal for the collection of rain-water; Rainwater hoppers of metal.

Class 7. Roll forming machines; Roll forming tools [machines].

Class 21. Window-boxes; Window boxes.

Priority Date Claimed: 22 July 2025 United Kingdom

Seamless Aluminium Group, Cavangarden, Donegal f94d767, Ireland. Address for service is c/o Seamless Aluminium Group, Cavangarden, Donegal f94d767, Ireland.



**274049** 29 August 2025

Class 43. Restaurants; Grill restaurants; Fast food restaurants.

MOHAMED ALKURD, 5 SAGGART LAKES, SAGGART, DUBLIN 14 D24VE08, Ireland. Address for service is c/o Mohamed Alkurd, 5 SAGGART LAKES, SAGGART, Dublin D24 VE08, Ireland.

The mark in use is/will be in the colour(s) Beige, burgundy.

---

**Nicholson's**

**274050** 17 July 2025

Class 25. Menswear; Clothing.

Eamonn Cunningham, Ej Menswear, Grattan St, Sligo F91 FH7Y, Ireland. Address for service is c/o Eamonn Cunningham, c/o Peter Snee, Ej Menswear, Grattan St, Sligo F91 FH7Y, Ireland.

---

## EQUINEWARE

**274051** 23 September 2025

Class 3. Preparations for cleaning, preserving and caring for leather; leather balms; leather conditioners; leather polish; saddle soap; Leather cleaning, conditioning and polishing preparations; hoof oils; Non-medicated hoof balms for grooming purposes; Hoof conditioning and grooming preparations (non-medicated); mane and tail care preparations; coat shine preparations; grooming wax for braiding manes and tails; cleaning and polishing preparations for equestrian tack and equipment; non-medicated grooming preparations for animals.

Rolf Stenberg, 10 Forest Close, Kingswood Heights, Dublin D24 C2RD, Ireland. Address for service is c/o Rolf Stenberg, 10 Forest Close, Kingswood Heights, Dublin D24 C2RD, Ireland.

## Nua Mobile Sensory Unit

274052 25 September 2025

- Class 10. Therapeutic apparatus for children with autism.
- Class 41. Recreational services.
- Class 44. Health care relating to relaxation therapy; Healthcare services.

Nua Healthcare Services, The Atrium, St. Johns Lane, Naas W91 WC78, Ireland. Address for service is c/o Nua Healthcare Services, c/o Margaret Corcoran, The Atrium, St. Johns Lane, Naas Co. Kildare W91 WC78, Ireland.

---

## ReBrand Stand

274053 30 September 2025

- Class 20. Point of purchase displays.

Displayify Ltd., 14 Dal Riada, Portmarnock, Co Dublin D13 K283, Ireland. Address for service is c/o Displayify Ltd., C/o Cian Hendricken, 14 Dal Riada, Portmarnock, Co Dublin D13 K283, Ireland.

---

## LaVybe

274054 01 October 2025

Class 3. Beauty creams.

MR MICHAEL LYNN, 83 Greenhills estate, Ballina, Mayo F26Y1Y9, Ireland. Address for service is c/o Michael Lynn, 83 Greenhills estate, Ballina, Mayo F26Y1Y9, Ireland.

The mark in use is/will be in the colour(s) Red

---

## Merkaai

274055 01 October 2025

- Class 9. Artificial intelligence software; Artificial intelligence software for analysis; Interactive software based on artificial intelligence; Artificial intelligence and machine learning software.
- Class 35. Providing online marketplaces for sellers of goods and or services.
- Class 42. Artificial intelligence consultancy; Artificial intelligence as a service [AIaaS]; Research in the field of artificial intelligence; Technology consultation in the field of artificial intelligence; Providing artificial intelligence computer programs on data networks.

Mauricio Lastra, 5 Reuben Square, Apartments Block A, Ireland D08RFC9, Ireland. Address for service is c/o Mauricio Lastra, 5 Reuben Square, Apartments Block A, Ireland D08RFC9, Ireland.



**274056** 01 October 2025

Class 9. Computers and computer hardware; Computer hardware; Computer software; Computer software applications; Computer software platforms; Computer software programs; Computer gaming software; Computer graphics software; Flash memory; Flash memory cards; Flash memory card readers; Portable flash memory devices; Keyboards; Computer keyboards; Computer mouse; Mousepads; Mouse pads; Mouse mats; Computer network adapters; Electric power supply units; Hard drives; Hard disk drives; Computer joysticks; Computer cases; Computer motherboards; Computer operating software; Operating system software; Computer cables; Video games software; Software programs for video games; Video games on disc [computer software].

Class 28. Joysticks for video games; Free-standing video games apparatus; Computer games apparatus.

Amiga Technology Ltd, Asquith House, Unit 1 Dyfrig Road, Cardiff CF5 5AD, United Kingdom. Address for service is c/o Amiga Technology Ltd, C/o AAA Technology sarl, 76, Rue Emile Mark, L-4620 Differdange, Luxembourg.

The mark in use is/will be in the colour(s) red and white

---

## DOMLIOVY

**274057** 01 October 2025

Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business & Technology Park, Carrigtohill, Cork T45 DP77, Ireland. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39 Fitzwilliam Square, Dublin D02NX53, Ireland.

---

## DOMCYSE

**274058** 01 October 2025

Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business & Technology Park, Carrigtohill, Cork T45 DP77, Ireland. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39 Fitzwilliam Square, Dublin D02NX53, Ireland.

---

**DOMNUCYO****274059** 01 October 2025

Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business & Technology Park, Carrigtohill, Cork T45 DP77, Ireland. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39 Fitzwilliam Square, Dublin D02NX53, Ireland.



Application is for a Series of 3 Trade Marks.

**274060** 16 September 2025

Class 41. Education; instruction services; providing of training; educational examination services; providing on-line electronic publications; publishing of

newsletters; arranging and conducting conferences, events, lectures, seminars and workshops for educational and training purposes; developing educational and training manuals and materials; providing training, instruction and tuition in relation to pharmacology and medicine; publication of books, text and journals; educational and training services in relation to pharmacology and medicine; providing computer-delivered educational testing and assessments; educational information provided on-line from a computer database or the internet; information, advisory and consultancy services relating to all of the aforementioned services.

Class 42. Certification of educational services.

Irish Pharmacy Union, Butterfield House, Butterfield Avenue, Rathfarnham, Dublin, Dublin 14 D14 E126, Ireland. Address for service is c/o Murgitroyd & Company, 2nd Floor, 57 Adelaide Road, Dublin 2, DO2 Y3C6, Ireland.

The first mark of the series is in the colours purple, white, green, blue and black. The second mark of the series is in the colours black and white. The third mark of the series is in the colours white and black.

**DOMNEXVI****274061** 01 October 2025

Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business & Technology Park, Carrigtohill, Cork T45 DP77, Ireland. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39 Fitzwilliam Square, Dublin D02NX53, Ireland.

Casual jackets; Denim jackets; Weatherproof jackets; Trousers; Chino pants; Sweatpants; Cargo pants; Fashion hats.

Kevin Shore, 6 Deer Park, Calverstown Kildare R56RP84, Ireland. Address for service is c/o Kevin Shore, 6 Deer Park, Calverstown Kildare R56RP84, Ireland.

---

## SAYDOMVIO

**274062** 01 October 2025

Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business & Technology Park, Carrigtohill, Cork T45 DP77, Ireland. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39 Fitzwilliam Square, Dublin D02NX53, Ireland.

---

## ZIMJUNYS

**274064** 01 October 2025

Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business & Technology Park, Carrigtohill, Cork T45 DP77, Ireland. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39 Fitzwilliam Square, Dublin D02NX53, Ireland.

---

## Dopamine Drip

**274063** 29 September 2025

Class 25. Casual clothing; Boys' clothing; Childrens' clothing; Infants' clothing; Babies' clothing; Jerseys [clothing]; Knitwear [clothing]; Jackets [clothing]; Hoods [clothing]; T-shirts; Tee-shirts; Printed t-shirts; Hoodies; Sweatshirts; Hooded sweatshirts; Jackets; Padded jackets; Bomber jackets; Rain jackets; Fleece jackets; Track jackets; Sweat jackets;

---

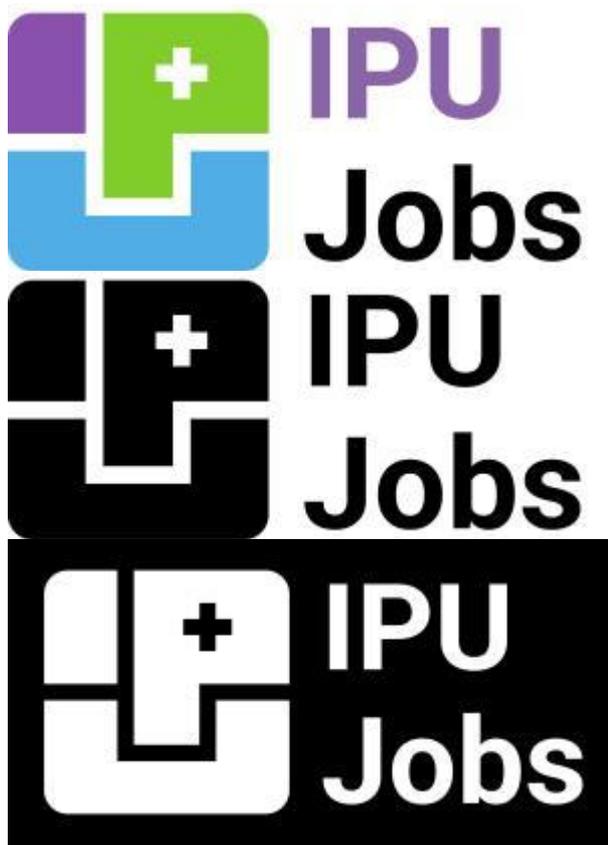
## ZIMTABLYS

**274065** 01 October 2025

Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business & Technology Park, Carrigtohill, Cork T45 DP77, Ireland. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39 Fitzwilliam Square, Dublin D02NX53, Ireland.

---



Application is for a Series of 3 Trade Marks.

274066 16 September 2025

Class 35. Business advisory, consultancy, research and information services; organisation of exhibitions, events and conferences (for commercial and advertising purposes); publication of publicity texts; business information services all provided on-line from a computer database or the Internet; advisory and information services in respect of the management and operation of pharmacies; information services relating to jobs and career opportunities; career placement; human resource management; promotional services; advertising services; marketing; business management; business administration; office

functions; online advertising on a computer network and website; advertising services relating to the recruitment of personnel; rental of advertising space; online advertising on a computer network; the bringing together for the benefit of others of a variety of employment vacancies enabling customers to conveniently view and access those employment vacancies from a global computer network (including websites and mobile phones) and other communications network and means; recruitment services including recruitment website services and providing information on jobs and careers; advertising and marketing services for curriculum vitae's in order to match job seeker skills with recruiters opportunities; career and business advisory services; employment agency services; employment database services; curriculum vitae database services; information, advisory and consultancy services relating to all of the aforementioned services.

Class 38. Providing access to online computer databases; provision of access to sites on an electronic information network; provision of access to data via the Internet; provision of access to data or documents stored electronically in central files for remote consultation; providing online interactive bulletin boards for transmission of messages among users of global computer and wireless networks concerning employment, resumes and information on a wide variety of topics of general

interest to pharmacists; and electronic transmission of messages, data and images; information, advisory and consultancy services relating to all of the aforementioned services.

Irish Pharmacy Union, Butterfield House, Butterfield Avenue, Rathfarnham, Dublin, Dublin 14 D14 E126, Ireland. Address for service is c/o Murgitroyd & Company, 2nd Floor, 57 Adelaide Road, Dublin 2, DO2 Y3C6, Ireland.

The first mark of the series is in the colours purple, white, green, blue and black. The second mark of the series is in the colours black and white. The third mark of the series is in the colours white and

---

**ZIMUFAV**

**274067** 01 October 2025

Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business & Technology Park, Carrigtohill, Cork T45 DP77, Ireland. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39 Fitzwilliam Square, Dublin D02NX53, Ireland.



Application is for a Series of 3 Trade Marks.

**274068** 16 September 2025

Class 16. Printed matter; publications; newsletters; brochures; catalogues; instructional and teaching materials (other than apparatus); document files; pens and pencils; leaflets; forms; posters; calendars; diaries; year wall planners; booklets; note pads; sticky notes; folders (cardboard and ring binder); clipboards.

Class 38. Providing access to online computer databases; provision of access to sites on an electronic information network; provision of access to data via the Internet; provision of access to data or documents stored electronically in central files for remote consultation; information, advisory and consultancy services relating to all of the aforementioned services.

Irish Pharmacy Union, Butterfield House, Butterfield Avenue, Rathfarnham, Dublin, Dublin 14 D14 E126, Ireland. Address for service is c/o Murgitroyd & Company, 2nd Floor, 57 Adelaide Road, Dublin 2, DO2 Y3C6, Ireland.

The first mark of the series is in the colours purple, white, green, blue and black. The second mark of the series is in the colours black and white. The third mark of the series is in the colours white and black.

---

## SYSDOMIO

**274069** 01 October 2025

Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business & Technology Park, Carrigtohill, Cork T45 DP77, Ireland. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39 Fitzwilliam Square, Dublin D02NX53, Ireland.

---

## ZIMUJAV

**274070** 01 October 2025

Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business & Technology Park, Carrigtohill, Cork T45 DP77, Ireland. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39 Fitzwilliam Square, Dublin D02NX53, Ireland.

## ZIOCLIMB

**274071** 01 October 2025

Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business & Technology Park, Carrigtohill, Cork T45 DP77, Ireland. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39 Fitzwilliam Square, Dublin D02NX53, Ireland.



**274072** 25 September 2025

Class 16. Children's books; Books.

Brendan McDonald, 86 Heatherhill, Carlow R93C1K2, Ireland. Address for service is c/o Brendan McDonald, 86 Heatherhill, Carlow R93C1K2, Ireland.

The mark in use is/will be in the colour(s) Navy & Green

---

## THE COSTA CHRISTMAS CATCH UP

274073 30 September 2025

Class 30. Coffee; tea; cocoa; hot chocolate, namely, drinking chocolate; coffee substitutes; sugar; cakes; cheesecake; muffins; brownies; shortbread biscuits; tea cakes; cookies; biscuits; brioche; fruit tarts; custard tarts; wafers; flapjacks; biscotti; gingerbread; popcorn; chocolate; chocolate bars; meringues; panettone; fruit jellies; candy; pastilles; chewing gum; milk chocolate covered raisins; sandwiches; sandwich wraps; toasted sandwiches; panini; croissants; pastries; ice; fruit ices; bread; sandwiches; toast; sandwich wraps; prepared meals consisting primarily of pasta, rice, noodles or quinoa; porridge; coffee flavourings in the nature of syrup for flavouring beverages; flavour enhancers used in beverage products; flavourings for beverages other than essential oils; frozen yoghurt; confectionery ices, namely, frozen yoghurt; ice cream; ice cream powders and food flavourings for ice cream being non-essential oils; sorbets; wafers and cornets in the nature of cones for ice cream.

Costa Limited, 3 Knaves Beech Business Centre, Davies Way, Loudwater, High Wycombe, Buckinghamshire HP10 9QR, United Kingdom. Address for service is c/o Ute Pfaller, Withers & Rogers LLP, Kaulbachstr. 114, 80802 Munich, Germany.



274074 02 October 2025

Class 9. Mousepads; Computer mouse; Mouse pads; Mouse mats; Computer joysticks; System software; Software; Computer firmware; Firmware and device drivers; Graphics cards; Graphics software; Computer graphics software; CD ROMs; Compact discs [read-only memory]; Flash memory; USB adapters; USB sticks; USB flash drives; Computer network adapters; Computer hardware; Computer peripherals; Computer cables; Keyboards; Computer keyboards; Computer keyboard keycaps; Development kits; Electric power supply units; Switching power supply apparatus; Computer screen saver software; Hard drives; Hard disk drives; Disk drives; Computer disk drives.

Class 26. Button badges; Embroidered badges; Badges for wear, not of precious metal.

Class 38. Providing online forums; Providing access to Internet forums; Forums [chat rooms] for social networking; Providing online forums for communication in the field of electronic games.

Class 42. Development of computer firmware; Installation of firmware; Development of computer peripherals; Software development; Computer hardware development; Design and development of driver software; Development of driver software.

Amiga Technology Ltd, Asquith House, Unit 1 Dyfrig Road, Cardiff CF5 5AD, United Kingdom. Address for service is c/o Amiga Technology Ltd, C/o AAA Technology sarl, 76, Rue Emile Mark, L-4620 Differdange, Luxembourg.

The mark in use is/will be in the colour(s) Red, yellow, green, blue, white, grey, black

entertainment; Arranging of musical entertainment; Arranging of presentations for entertainment purposes; Arranging of seminars relating to entertainment; Arranging of visual and musical entertainment; Artistic management of entertainment venues; Booking agencies for entertainment; Conducting of entertainment activities; Conducting of live entertainment events; Conducting of performing arts entertainment; Consultancy services in the field of entertainment; Corporate entertainment services; Conducting of exhibitions for entertainment purposes; Entertainment agency services; Entertainment booking services; Entertainment in the form of live musical performances (Services providing -); Entertainment in the nature of orchestra performances.

---

## Between the Notes

**274075** 02 October 2025

Class 41. Entertainment; Administration [organisation] of entertainment services; Advisory services relating to entertainment; Arranging and conducting of live entertainment events; Arranging and conducting of entertainment events; Arranging and conducting of entertainment activities; Arranging and conducting of meetings in the field of entertainment; Arranging and conducting of entertainment events for charitable purposes; Arranging for ticket reservations for shows and other entertainment events; Arranging of conferences relating to

Hugh Murray, 119 Bracken Hill, Sandyford, Dublin D18EK66, Ireland. Address for service is c/o HUGH MURRAY, 119 Bracken Hill, Sandyford, Dublin D18EK66, Ireland.

---

## Show Up

**274076** 01 October 2025

Class 41. Yoga instruction; Training in yoga; Education services relating to yoga; Organising community cultural events;

---

Organizing community sporting and cultural events;  
Organising of festivals;  
Health and wellness training.

Rossa Lowry O'Reilly, 10 Exchequer Street, Dublin 2 D02 EH98, Ireland. Address for service is c/o Rossa Lowry O'Reilly, 10 Exchequer Street, Dublin 2 D02 EH98, Ireland.



**274077** 04 February 2025

Class 42. Information technology [IT] consulting services; IT consultancy, advisory and information services; Information technology [IT] support services [troubleshooting of software].

Excelerate Technology Limited, 77 Camden Street Lower, Dublin D02XE80, Ireland. Address for service is c/o Excelerate Technology Limited, C/o Gemma Caesar, 77 Camden Street Lower, Dublin D02XE80, Ireland.

The mark in use is/will be in the colour(s) - Pantone\_328C- Pantone\_570C

## Apto

**274078** 16 April 2024

Class 9. Data centre software.  
Class 38. Electronic data transmission services; data bank interconnection services; telecommunications services.  
Class 42. Provision of industrial analysis and research services; data centre facilities; data security services; computer and design services for the analysis and processing of data.

Priority Date Claimed: 22 March 2024 United Kingdom

APTO DC LIMITED, C/O Tmf Group, 13th Floor, One Angel Court, London, EC2R 7HJ, United Kingdom. Address for service is c/o MASON HAYES + CURRAN LLP, South Bank House, Barrow Street, Dublin 4, Ireland, D04TR29, Ireland.

---

## Christian Girly

**274079** 28 September 2025

Class 18. Bags; Crossbody bags; Baggage.  
Class 25. Clothing; Bottoms [clothing]; Tops [clothing]; Outer clothing; Sports clothing; Shoes; Platform shoes; Sports shoes; Athletic shoes; Sport shoes.

Chantal Dap, 15 Woodside View, Enniskerry Road, Dublin D18WRW6, Ireland. Address for service is c/o Chantal Dap, 15 Woodside View, Enniskerry Road, Dublin D18WRW6, Ireland.

---

## ECOHOMME

274080 28 September 2025

Class 41. Magazine publishing; Magazines (Publication of -); Publication of magazines; Publication of consumer magazines; Multimedia publishing of magazines; Publishing of books, magazines; Publication of electronic magazines; Publishing of web magazines; Rental of newspapers and magazines; Multimedia publishing of magazines, journals and newspapers; Providing on-line non-downloadable general feature magazines; Consultation services relating to the publication of magazines; Publishing of magazines in electronic form on the Internet; Publication of periodicals and books in electronic form; Publication of electronic books and periodicals on the Internet; Publication of newspapers, periodicals, catalogs and brochures; Art exhibitions; Organising of education exhibitions; Organising of educational exhibitions; Art exhibitions using virtual reality; Exhibitions (Arranging -) for educational purposes; Exhibitions (Conducting -) for cultural

purposes; Organisation of conferences, exhibitions and competitions; Exhibitions (Organization of -) for cultural or educational purposes; Organization of exhibitions for educational purposes relating to hairdressing and beauty; Training; Coaching [training]; Meditation training; Personal development training; Life coaching (training); Organisation of training; Education and training; Training in yoga; Conducting workshops [training]; Training courses (Provision of -); Health and fitness training; Production of training videos; Production of training films; Training in martial arts; Training services for nurses; Provision of online training; Providing online training seminars; Conducting training courses relating to diet online; Conducting training courses relating to nutrition online; Conducting training sessions on physical fitness online; Provision of information on fitness training via an online portal; Provision of information relating to physical training via an online web site.

Ralph Quinlan, Portnard, Cappamore Limerick V94XYOH, Ireland Francis Lanuza, Portnard, Cappamore Limerick V94XYOH, Ireland. Address for service is c/o Ralph Quinlan, Portnard, Cappamore Limerick V94XYOH, Ireland.

## VAST ENVIRONMENTAL INNOVATION

274081 01 October 2025

Class 37. Pest control.

Daradh Toner, Burren Mews, Coolnasnachta,  
Myshall R21Y364, Ireland. Address for service is c/o  
Daradh Toner, Burren Mews, Coolnasnachta,  
Myshall R21Y364, Ireland.

---

## COVIES

274082 05 September 2025

Class 43. Serving of alcoholic  
beverages; Restaurants; Grill  
restaurants; Delicatessens  
[restaurants]; Reservation of  
restaurants; Provision of  
information relating to  
restaurants; Provision of food  
and drink in restaurants;  
Providing food and drink in  
restaurants and bars;  
Providing food and drink for  
guests in restaurants; Serving  
food and drink for guests in  
restaurants; Reservation and  
booking services for  
restaurants and meals;  
Hotels; Hotel reservations;  
Hotel services; Hotel  
catering services; Catering  
services for hotels; Hotel  
restaurant services;  
Restaurant services provided  
by hotels; Pizza parlors;  
Cocktail lounge buffets;  
Cocktail lounges; Cocktail

lounge services; Buffet  
services for cocktail lounges;  
Catering of food and drinks;  
Food and drink catering for  
cocktail parties; Wine tasting  
services (provision of  
beverages); Bars; Bar  
services; Bartending  
services; Wine bar services;  
Restaurant and bar services;  
Bar and restaurant services;  
Beer garden services; Italian  
restaurant services; Café  
services; Arranging of  
wedding receptions [food  
and drink]; Take-out  
restaurant services; Catering  
for the provision of food and  
beverages.

The Westport Plaza & Castlecourt Hotel Resort  
Unlimited Company, Castlebar Street, Westport, Co.  
Mayo, Ireland. Address for service is c/o Laura  
Myles, c/o Flynn O'Driscoll Business Lawyers, Unit  
23, Galway Technology Centre, Mervue Business  
Park, Galway, Ireland.



274083 02 October 2025

Class 41. Education; Education services; Physical education; Educational information; Education and training; Providing of education; Sports education services; Musical education services; Online educational testing.

Eoghan Breslin, Ballaghboy, Doora, Ennis V95X8KX, Ireland. Address for service is c/o Eoghan Breslin, 38 Oldfield, Galway H91 WYR1, Ireland.

---

## mineshop

274084 01 October 2025

Class 9. Computers; Computer hardware; Electrical power distribution blocks.

Guntis Vitolins, Units 11, 58, 59 & 60 The Brewery Business Park, Ardee Road, Dundalk Co. Louth A91 X778, Ireland. Address for service is c/o Guntis Vitolins, Units 11, 58, 59 & 60 The Brewery Business Park, Ardee Road, Dundalk Co. Louth A91 X778, Ireland.

---

## Eirintelligence

274085 01 October 2025

Class 7. Robotic cleaning machines; Robotic vacuum cleaners; Robotic lawnmowers; Robotic compressors; Robotic separators; Robotic window cleaners; Robotic jigsaw machines; Robotic packaging machines; Robotic filling machines; Robotic painting machines; Robotic welding machines; Robotic finishing machines; Robotic labelling machines; Robotic plugging machines; Robotic handling apparatus; Robotic electric hand drills; Robotic mechanisms for conveying; Robotic electric punching machines; Robotic electric glue guns; Robotic mechanisms for lifting; Robotic motor hand saws; Robotic compressed air pumps; Robotic vehicle washing installations; Robotic electrical welding apparatus; Robotic electrical welding machines; Robotic electric welding apparatus; Robotic arms for preparing beverages; Robotic arms for industrial purposes; Robotic electric arc cutting apparatus; Robotic mechanisms used in agriculture; Robotic mechanisms used in viticulture; Robotic mechanisms for working wood; Robotic mechanisms for working metal; Robotic mechanisms for working glass; Robotic mechanisms for shaping wood; Robotic mechanisms for shaping metal; Robotic mechanisms for shaping glass; Robotic electric arc welding apparatus; Robotic swimming pool cleaning machines; Robotic loaders for diffusion furnaces; Robotic apparatus for handling materials; Automatic robotic spray guns for paint; Robotic mechanisms for working

plastic material; Robotic mechanisms for shaping plastic material; Robotic mechanisms [machines] for processing foodstuffs; Robotic cleaning [vacuuming] machines for floors; Robotic cleaning [polishing] machines for floors; Robotic guns for compressed liquid spraying machines; Robotic mechanisms for use in processing cereals; Robotic mechanisms for use in processing fruits; Robotic mechanisms for use in processing vegetables; Robotic mechanisms for use in processing food; Robotic guns for compressed air spraying machines; Robotic exoskeleton suits, other than for medical purposes; Automated robotic handling apparatus for loading and unloading of goods.

Kenneth Wang, 7 The Ropery, South Lotts Road, Dublin D04K4X8, Ireland. Address for service is c/o Kenneth Wang, 7 The Ropery, South Lotts Road, Dublin D04K4X8, Ireland.



**274086** 06 September 2025

Class 25. Clothing.

Corneilius O Dwyer, Castle View, Glanworth Co. Cork P51XH36, Ireland. Address for service is c/o Corneilius O Dwyer, Castle View, Glanworth Co. Cork P51 XH36, Ireland.



Application is for a Series of 6 Trade Marks.

274087 16 September 2025

- Class 41. Education; instruction services; providing of training; educational examination services; providing on-line electronic publications; publishing of newsletters; arranging and conducting conferences, events, lectures, seminars and workshops for educational and training purposes; developing educational and training

manuals and materials; providing training, instruction and tuition in relation to pharmacology and medicine; publication of books, text and journals; educational and training services in relation to pharmacology and medicine; providing computer-delivered educational testing and assessments; educational information provided on-line from a computer database or the internet; information, advisory and consultancy services relating to all of the aforementioned services.

- Class 42. Certification of educational services.

Irish Pharmacy Union, Butterfield House, Butterfield Avenue, Rathfarnham, Dublin, Dublin 14 D14 E126, Ireland. Address for service is c/o Murgitroyd & Company, 2nd Floor, 57 Adelaide Road, Dublin 2, DO2 Y3C6, Ireland.

The first mark of the series is in the colours purple, white, green, blue and black. The second mark of the series is in the colours black and white. The third mark of the series is in the colours white and black. The fourth mark of the series is in the colours purple, white, green, blue and black. The fifth mark of the series is in the colours black and white. The sixth mark of the series is in the colours white and black.

---

## Grain to Green

274088 02 October 2025

- Class 33. Alcoholic Beverages (except beers).

Nicholas Ryan, THE OLD CREAMERY  
BUILDING DROMBANNA LIMERICK, Limerick  
V94 P825, Ireland. Address for service is c/o  
Nicholas Ryan, THE OLD CREAMERY  
BUILDING DROMBANNA LIMERICK, Limerick  
V94 P825, Ireland.



274089 18 July 2025

Class 18. Baggage tags.

Maria Porter, Carrigduff, Bunclody, Carlow  
Y21HF63, Ireland. Address for service is c/o Maria  
Porter, Carrigduff, Bunclody, Carlow Y21HF63,  
Ireland.

### Opposition(s) under Section 43 of the 1996 Act

273312 Ewen Pettit. Opposition filed 04  
February 2026

- 273329 ZM TREND LIMITED. Opposition filed  
18 February 2026
- 273349 Taranis Recovery Ltd. Opposition filed  
17 February 2026
- 269323 Base Control Management Limited.  
Opposition withdrawn 12 February 2026
- 271919 BAILE CHOITIN 1851 TEORANTA  
T/A Ballycotton 1851. Opposition  
withdrawn 18 February 2026
- 272913 ICSG Limited. Opposition withdrawn 11  
February 2026
- 272951 Serosep Ltd. Opposition withdrawn 09  
February 2026
- 272995 Serosep Ltd. Opposition withdrawn 09  
February 2026

### Application(s) Amended after Advertisement under the 1996 Act following Opposition

269323 Advertised in Journal No. 2504 dated  
06/12/2023

Specification of goods amended to read:

Class 9: Encoded loyalty cards;  
Encoded reward cards; Encoded gift  
cards; Encoded cards; Magnetic encoded  
cards; Encoded prepaid cards; plastic  
cards (encoded); Printed cards  
(encoded); Payment cards being  
magnetically encoded; Magnetically  
encoded charge cards; all of the  
aforesaid for use only in the restaurant  
sector, in connection with the provision  
of food and beverages, take-away and  
café services and catering; none of the  
aforesaid in relation to blockchain,  
cryptocurrency, a digital asset exchange,  
digital wallets, decentralized apps, or  
decentralized exchanges.

Class 16: Paper loyalty cards; Gift  
certificates; Gift vouchers; Gift cards;  
Prepaid purchase cards, not magnetically  
encoded; all of the aforesaid for use only  
in the restaurant sector, in connection  
with the provision of food and

beverages, take-away and café services and catering; none of the aforesaid in relation to blockchain, cryptocurrency, a digital asset exchange, digital wallets, decentralized apps, or decentralized exchanges.

Class 35: Loyalty, incentive and bonus program services; Promoting the goods and services of others by means of a loyalty rewards card scheme; Loyalty scheme services; Administrative loyalty card services; Administration of consumer loyalty programs; Administration of loyalty rewards programs; Organisational consultancy regarding customer loyalty programmes; Sales promotion through customer loyalty programs; Administration of customer loyalty and incentive schemes; Management of customer loyalty, incentive or promotional schemes; Organisation and management of business incentive and loyalty schemes; Organisation, operation and supervision of loyalty and incentive schemes; Customer loyalty services for commercial, promotional and/or advertising purposes; Market research services regarding customer loyalty; Administration of loyalty and incentive schemes; Administration of sales promotion incentive programs; Organisation, operation and supervision of an incentive scheme; Administration of loyalty programs involving discounts or incentives; Administration of a discount program for enabling participants to obtain discounts on goods and services through use of a discount membership card; Sales promotion for others by means of privileged user cards; Promoting the goods and services of others through the distribution of discount cards; all of the aforesaid relating only to the restaurant sector, in connection with the provision of food and beverages, take-away and café services and catering; none of the aforesaid in relation to blockchain, cryptocurrency, a digital asset exchange, digital wallets, decentralized apps, or decentralized exchanges.

Class 36: Issuing tokens of value as a reward for customer loyalty; Issuing of tokens of value in relation to customer loyalty schemes; Issuing of tokens of

value in relation to incentive schemes; Issuing electronic payment cards in connection with bonus and reward schemes; Issuance of gift certificates; Issuance of prepaid gift cards; Issuing of payment gift cards; Issuing of payment gift vouchers; Issuing gift certificates which may then be redeemed for goods or services; Issuing of discount coupons; all of the aforesaid relating only to the restaurant sector, in connection with the provision of food and beverages, take-away and café services and catering; none of the aforesaid in relation to blockchain, cryptocurrency, a digital asset exchange, digital wallets, decentralized apps, or decentralized exchanges.

### **Application(s) Withdrawn after Advertisement under the 1996 Act**

273277 Luanna Virginia De Andrade Melo  
274014 In Real Life Studios Limited

### **Application(s) deemed to be Withdrawn under Section 45(2) of the 1996 Act**

272669 Aaron Nugent  
272675 OluwaTomi Olagbemiro  
272677 CONRAD HOWARD  
272683 Jod-Z Limited  
272687 OluwaTomi Olagbemiro  
272697 Shane Kelly  
272698 Oluwatomi Olagbemiro  
272700 Roman Shortall

### **Trade Marks Registered under the 1996 Act**

271944 (2535) Cl. 35 36 41 42. Taighde Éireann c/o Science Foundation Ireland  
272509 (2543) Cl. 35. Lee Bushell  
272623 (2544) Cl. 30 39 40 43. Magaly Murray  
272663 (2544) Cl. 41. Jason Black  
272664 (2544) Cl. 41. Jason Black  
272939 (2550) Cl. 2. Crown Brands Limited  
272981 (2550) Cl. 16. Ciara Conlon  
272982 (2550) Cl. 9. Caithriona Murrthy  
272985 (2550) Cl. 41. Robert Kelly

**272989** (2550) Cl. 43. Ciaran Michael Kelly  
**272991** (2550) Cl. 1 11 31 42. Colm Doran  
**273004** (2551) Cl. 41. Dental Health Foundation  
**273013** (2551) Cl. 9 35 42. EVIDENCE BASED  
 NEEDS LAB LIMITED  
**273016** (2551) Cl. 21. CULINAPRIME  
 ESSENTIALS LIMITED  
**273029** (2551) Cl. 36. Rentistry Ltd  
**273050** (2551) Cl. 9. John Paul L'Estrange  
**273057** (2551) Cl. 5 10. Sowon Bio Co.,Ltd  
**273064** (2551) Cl. 25. Daniyal Younus  
**273073** (2551) Cl. 41. Patrick McNamara  
**273075** (2551) Cl. 1 29 30. BIOVIT LTD  
**273162** (2552) Cl. 44. Sharon Maxwell  
**273182** (2553) Cl. 41. Jennifer Barry  
**273185** (2553) Cl. 29 30 32. DOROTA RIZI  
**273191** (2553) Cl. 15. HK BETSY  
 INDUSTRIAL LIMITED  
**273208** (2553) Cl. 30. Saint James Brands LLC  
**273233** (2553) Cl. 18. Xu Peng  
**273239** (2553) Cl. 6 12 17 19 20 22. United  
 Hardware Dac  
**273245** (2554) Cl. 5 10. Naze Limited  
**273246** (2554) Cl. 39. Transland International  
 (UK) Limited  
**273249** (2554) Cl. 44. Barry Lupton  
**273251** (2554) Cl. 29 30 35 43. TEMPLE INNS  
 LIMITED  
**273253** (2554) Cl. 6 16 17 22 35 39. National  
 Tape Sales Limited  
**273255** (2554) Cl. 3. Guangzhou UMORSEA  
 Investment Holding Co., Ltd.  
**273257** (2554) Cl. 35 41. Crafts Council of  
 Ireland Company Limited by Guarantee  
**273259** (2554) Cl. 5. Corteva Agriscience LLC  
**273263** (2554) Cl. 29 30 32 33 35. Eiregreen  
 Foods Limited  
**273268** (2554) Cl. 43. Clan27Kebab Ltd  
**273272** (2554) Cl. 1 2 3 6 8 9 16 19 20 22 24 25  
 27 28 31 35. United Hardware Dac  
**273273** (2554) Cl. 1 2 3 6 8 9 16 19 20 22 24 25  
 27 28 31 35. United Hardware Dac  
**273275** (2554) Cl. 42. Treasury Link Limited  
**273278** (2554) Cl. 25. Mark Leen  
**273279** (2554) Cl. 35 41 44. Weighless Wonders  
 Limited  
**273281** (2554) Cl. 11. Kohler Mira Limited  
**273283** (2554) Cl. 30. Malecon Trading Limited  
**273287** (2554) Cl. 41. GHEORGHE POPESCU  
**273299** (2554) Cl. 17 19. Unilin B.V.  
**273301** (2554) Cl. 2. Etex Building Performance  
 International SAS  
**273303** (2554) Cl. 41. The Trustees for the time  
 being of the Royal St George Yacht Club  
**273304** (2554) Cl. 5. Gilead Sciences Ireland UC  
**273307** (2554) Cl. 14 16 18 35. Mettle and  
 Bloom Limited

**273309** (2554) Cl. 35. PRIMARK LIMITED  
**273310** (2554) Cl. 42. Islamic Foundation of  
 Ireland  
**273313** (2554) Cl. 42. MCOR Cost Consultants  
**273314** (2554) Cl. 3 5. PANGAIA MATERIALS  
 SCIENCE LTD  
**273315** (2554) Cl. 25 35. Shop Direct Home  
 Shopping Limited  
**273316** (2554) Cl. 9 35 38 41. Bauer Radio  
 Limited  
**273317** (2554) Cl. 9 35 38 41. Bauer Radio  
 Limited  
**273318** (2554) Cl. 9 41. CELTIC GRIPS  
 EUROPE LIMITED  
**273320** (2554) Cl. 7 12. Tillotson Limited  
**273321** (2554) Cl. 9 42. Stephen Stack  
**273324** (2554) Cl. 35. Board Excellence Ltd  
**273325** (2554) Cl. 7 11. HI-LINE INDUSTRIES  
 LIMITED

### Renewal of Registrations Under Section 48 of the 1996 Act

**30532** Cl. 1. VWR International Ltd.  
**32048** Cl. 4. EXXON MOBIL  
 CORPORATION  
**48567** Cl. 34. SCANDINAVIAN TOBACCO  
 GROUP A/S  
**66812** Cl. 5. LEADIANT BIOSCIENCES  
 LIMITED  
**67883** Cl. 31. FRUTTITAL S.R.L.  
**77892** Cl. 9. Trademarks S.R.L.  
**77893** Cl. 17. Trademarks S.R.L.  
**77966** Cl. 12. Sumitomo Rubber Industries, Ltd.  
**78206** Cl. 33. HEIDSIECK & C° MONOPOLE  
**78207** Cl. 33. HEIDSIECK & C° MONOPOLE  
**78439** Cl. 19. Forbo Management AG  
**78440** Cl. 27. Forbo Management AG  
**87315** Cl. 20. INTER IKEA SYSTEMS B.V.  
**87708** Cl. 11. INTER IKEA SYSTEMS B.V.  
**114309** Cl. 5. Aventisub LLC  
**114470** Cl. 1. BASF SE  
**114912** Cl. 5. Phoenix Healthcare Limited  
**115310** Cl. 25. BRIONI S.p.A.  
**115596** Cl. 16. DC Comics  
**115746** Cl. 3. HFC Prestige International  
 Operations Switzerland Sarl  
**116094** Cl. 5. Glaxo Group Limited  
**116437** Cl. 9. TDK Electronics AG  
**116557** Cl. 12. FCA Italy S.p.A., (in extended  
 form Fiat Chrysler Automobiles Italy  
 S.p.A. and in brief Fiat Group  
 Automobiles S.p.A. and Fiat Auto  
 S.p.A.)  
**116776** Cl. 7. SUZUKI MOTOR  
 CORPORATION

<b>116897</b>	Cl. 25. SEA-FLOWER LICENSING AMSTERDAM B.V.	<b>201326</b>	Cl. 36. CONFÉDÉRATION NATIONALE DU CRÉDIT MUTUEL – CNCM
<b>116934</b>	Cl. 24. Interparfums S.A.	<b>201343</b>	Cl. 36. EAGLE STAR HOLDINGS PLC
<b>117214</b>	Cl. 10, Cl. 21. Sunstar Suisse S.A.	<b>201344</b>	Cl. 36. EAGLE STAR HOLDINGS PLC
<b>117705</b>	Cl. 7. SUZUKI MOTOR CORPORATION	<b>201366</b>	Cl. 36. KEYRIDGE ASSET MANAGEMENT LIMITED
<b>118683</b>	Cl. 32. König Ludwig INTERNATIONAL GmbH & Co. KG	<b>201712</b>	Cl. 39. ROADTRAIN LIMITED
<b>118842</b>	Cl. 30. KP Snacks Limited	<b>201791</b>	Cl. 42. CHOICE HOTELS INTERNATIONAL, INC.
<b>119245</b>	Cl. 12. FORD-WERKE AG	<b>201899</b>	Cl. 36, Cl. 37, Cl. 39. TOYOTA JIDOSHA KABUSHIKI KAISHA (TOYOTA MOTOR CORPORATION)
<b>124624</b>	Cl. 32. Molson Coors Brewing Company (UK) Limited	<b>202007</b>	Cl. 37. ZIEBART INTERNATIONAL CORPORATION
<b>127172</b>	Cl. 14. Festina Lotus S.A.	<b>202075</b>	Cl. 36. JARDINE MATHESON (BERMUDA) LIMITED
<b>134674</b>	Cl. 25. ACUSHNET COMPANY	<b>202213</b>	Cl. 36. DEUTSCHE BANK AKTIENGESELLSCHAFT
<b>134774</b>	Cl. 25. ACUSHNET COMPANY	<b>202253</b>	Cl. 36, Cl. 37, Cl. 39. TOYOTA JIDOSHA KABUSHIKI KAISHA (TOYOTA MOTOR CORPORATION)
<b>136401</b>	Cl. 29. Aceites Del Sur-Coosur, S.A.	<b>202540</b>	Cl. 36. DEUTSCHE BANK AKTIENGESELLSCHAFT
<b>141423</b>	Cl. 5. Concordia Laboratories Inc.	<b>202544</b>	Cl. 38, Cl. 42. Oracle America, Inc.
<b>146228</b>	Cl. 2. CANON KABUSHIKI KAISHA	<b>203342</b>	Cl. 30. Magnum IP Holdings B.V.
<b>146229</b>	Cl. 3. CANON KABUSHIKI KAISHA	<b>209789</b>	Cl. 41. HANNA-BARBERA PRODUCTIONS, INC.
<b>146230</b>	Cl. 4. CANON KABUSHIKI KAISHA	<b>214453</b>	Cl. 34. ZIPPO MANUFACTURING COMPANY
<b>146231</b>	Cl. 5. CANON KABUSHIKI KAISHA	<b>215223</b>	Cl. 35. ManpowerGroup Inc.
<b>146232</b>	Cl. 6. CANON KABUSHIKI KAISHA	<b>228757</b>	Cl. 30. Mars Incorporated
<b>146233</b>	Cl. 7. CANON KABUSHIKI KAISHA	<b>230652</b>	Cl. 39, Cl. 41, Cl. 42. Center Parcs (Operating Company) Limited
<b>146234</b>	Cl. 8. CANON KABUSHIKI KAISHA	<b>233734</b>	Cl. 29, Cl. 30, Cl. 31. LIDL STIFTUNG & Co. KG
<b>146235</b>	Cl. 11. CANON KABUSHIKI KAISHA	<b>233745</b>	Cl. 44. Turf Management Systems Inc.
<b>146236</b>	Cl. 12. CANON KABUSHIKI KAISHA	<b>233746</b>	Cl. 5. BAYER AKTIENGESELLSCHAFT
<b>146237</b>	Cl. 13. CANON KABUSHIKI KAISHA	<b>233747</b>	Cl. 5. BAYER AKTIENGESELLSCHAFT
<b>146238</b>	Cl. 15. CANON KABUSHIKI KAISHA	<b>233748</b>	Cl. 5. BAYER AKTIENGESELLSCHAFT
<b>146239</b>	Cl. 17. CANON KABUSHIKI KAISHA	<b>233749</b>	Cl. 5. BAYER AKTIENGESELLSCHAFT
<b>146240</b>	Cl. 18. CANON KABUSHIKI KAISHA	<b>233750</b>	Cl. 33. JNJ ENTERPRISES, LLC
<b>146241</b>	Cl. 19. CANON KABUSHIKI KAISHA	<b>233778</b>	Cl. 20, Cl. 24. THOMAS SANDERSON LIMITED
<b>146242</b>	Cl. 20. CANON KABUSHIKI KAISHA	<b>233784</b>	Cl. 9, Cl. 12. HALFORDS LIMITED
<b>146243</b>	Cl. 21. CANON KABUSHIKI KAISHA	<b>233901</b>	Cl. 9, Cl. 14, Cl. 16, Cl. 18, Cl. 21, Cl. 24, Cl. 25, Cl. 28, Cl. 41. Iontaobhas Corparáideach Chumann Lúthchleas Gael Cuideachta Faoi Theorainn Ráthaíochta
<b>146244</b>	Cl. 22. CANON KABUSHIKI KAISHA	<b>233997</b>	Cl. 25. Paul Martin
<b>146245</b>	Cl. 23. CANON KABUSHIKI KAISHA	<b>234068</b>	Cl. 14, Cl. 25. NIXON, INC.
<b>146246</b>	Cl. 24. CANON KABUSHIKI KAISHA		
<b>146247</b>	Cl. 26. CANON KABUSHIKI KAISHA		
<b>146248</b>	Cl. 27. CANON KABUSHIKI KAISHA		
<b>146249</b>	Cl. 28. CANON KABUSHIKI KAISHA		
<b>146250</b>	Cl. 29. CANON KABUSHIKI KAISHA		
<b>146251</b>	Cl. 30. CANON KABUSHIKI KAISHA		
<b>146252</b>	Cl. 31. CANON KABUSHIKI KAISHA		
<b>146253</b>	Cl. 32. CANON KABUSHIKI KAISHA		
<b>146254</b>	Cl. 33. CANON KABUSHIKI KAISHA		
<b>146255</b>	Cl. 34. CANON KABUSHIKI KAISHA		
<b>200102</b>	Cl. 41, Cl. 42. Hilton Worldwide Manage Limited		
<b>200115</b>	Cl. 41. DC Comics		
<b>200944</b>	Cl. 35. CHRISTIE MANSON & WOODS LIMITED		
<b>201103</b>	Cl. 42. Oracle America, Inc.		
<b>201245</b>	Cl. 42. Oracle America, Inc.		
<b>201301</b>	Cl. 37. NOKIA OF AMERICA CORPORATION		
<b>201302</b>	Cl. 42. NOKIA OF AMERICA CORPORATION		

234088	Cl. 33. JNJ ENTERPRISES, LLC	254856	Cl. 2, Cl. 3, Cl. 4, Cl. 5. ROWA PHARMACEUTICALS LTD
234287	Cl. 9, Cl. 25, Cl. 33, Cl. 35, Cl. 41. SOCIETE JAS HENNESSY & CO.	254857	Cl. 20. BLUEGROUP IP CO LIMITED
234547	Cl. 36, Cl. 37. THOMAS SANDERSON LIMITED	254861	Cl. 9, Cl. 16, Cl. 35, Cl. 41, Cl. 45. Patricia McGovern
234627	Cl. 19. SIG Trading (Ireland) Limited	254865	Cl. 36. M&G Corporate Services Limited
234803	Cl. 1, Cl. 2, Cl. 16. FLEETWOOD PAINTS LIMITED	254912	Cl. 35. EXECUTIVE EDGE LTD.
234827	Cl. 3. Unilever Global IP Limited	254944	Cl. 9. Datazone Ltd
235077	Cl. 35. jump! MARKETING LIMITED	255062	Cl. 30. Edward Flahavan & Sons, Limited
235198	Cl. 5, Cl. 29, Cl. 32. COMPAGNIE GERVAIS DANONE	255301	Cl. 9, Cl. 18, Cl. 25, Cl. 35. Richer Sounds Plc, c/o Lee & Thompson LLP
235255	Cl. 38, Cl. 41. Turner Broadcasting System Europe Limited	255307	Cl. 29. Matthew Brownie
235422	Cl. 29, Cl. 30, Cl. 35, Cl. 36. McCAIN FOODS (GB) LIMITED	255452	Cl. 3, Cl. 9, Cl. 14, Cl. 18, Cl. 25, Cl. 26, Cl. 35. Aktieselskabet af 21. November 2001
235549	Cl. 9, Cl. 16, Cl. 35, Cl. 36, Cl. 41. AVIVA DRIVING SCHOOL IRELAND LIMITED	255537	Cl. 20. CJ Corporation
235777	Cl. 9, Cl. 16, Cl. 35, Cl. 36, Cl. 41. AVIVA DRIVING SCHOOL IRELAND LIMITED	255670	Cl. 45. NRF IP Services Limited
235782	Cl. 16, Cl. 36. GENERAL MORTGAGE CORP IRL LIMITED	255678	Cl. 5. ROWEX LTD
235784	Cl. 16, Cl. 36. GENERAL MORTGAGE CORP IRL LIMITED	255690	Cl. 36. Metropolitan Life Insurance Company
235793	Cl. 16, Cl. 36. GENERAL MORTGAGE CORP IRL LIMITED	255715	Cl. 45. NRF IP Services Limited
235794	Cl. 16, Cl. 36. GENERAL MORTGAGE CORP IRL LIMITED	256061	Cl. 14, Cl. 18, Cl. 35, Cl. 45. Stephen Ryan
236267	Cl. 9, Cl. 16, Cl. 35, Cl. 36, Cl. 41. AVIVA DRIVING SCHOOL IRELAND LIMITED	256522	Cl. 3, Cl. 7, Cl. 8. BNR Ltd
237459	Cl. 9, Cl. 11. IRISH SOFT DRINKS LIMITED	256948	Cl. 30. TED INVESTMENTS
238182	Cl. 2, Cl. 8, Cl. 35. ACE HARDWARE CORPORATION	257096	Cl. 6, Cl. 9, Cl. 11, Cl. 16, Cl. 35, Cl. 37, Cl. 39, Cl. 40, Cl. 41, Cl. 42. Irish Water
239442	Cl. 16, Cl. 39. Railtours Ireland First Class Limited	267384	Cl. 41. GAIA, INC.
245735	Cl. 36. STEADFAST CAPITAL MANAGEMENT LP	<b>Renewal Fees unpaid at date of expiry of Registration or renewal thereof - Rule 39(1) of the 1996 Rules</b>	
252485	Cl. 33. Sean Watchorn	50005	Cl. 7. 20 January 2026. EASTMAN MACHINE COMPANY LIMITED.
253606	Cl. 39, Cl. 43. Benedetto Macari	66451	Cl. 11. 05 January 2026. S.D. SULLAM LIMITED
254193	Cl. 16, Cl. 38, Cl. 41. Flutter Entertainment plc	66646	Cl. 20. 29 January 2026. Primark Limited
254390	Cl. 9, Cl. 16, Cl. 42. Spoton.net Limited	66647	Cl. 24. 29 January 2026. Primark Limited
254549	Cl. 9, Cl. 41. Aviva Health Insurance Ireland Limited	66648	Cl. 27. 29 January 2026. Primark Limited
254691	Cl. 30. B&G Foods North America, Inc.	66649	Cl. 25. 29 January 2026. Primark Limited
254750	Cl. 36. M&G Corporate Services Limited	78607	Cl. 7, Cl. 9. 13 January 2026. Siemens Mobility Limited
254755	Cl. 36. M&G Corporate Services Limited	78610	Cl. 12. 13 January 2026. Siemens Mobility Limited
254801	Cl. 29. Lidl Stiftung & Co. KG	78934	Cl. 31. 20 January 2026. MARS FOODS IRELAND LIMITED
254820	Cl. 35, Cl. 42, Cl. 45. Ogier (Ireland) LLP	113713	Cl. 30. 03 January 2026. CAFFREY'S LIMITED
254850	Cl. 5, Cl. 9, Cl. 12, Cl. 14, Cl. 18, Cl. 21, Cl. 25, Cl. 28. ARGOS LIMITED		

<b>113868</b>	Cl. 6. 23 January 2026. BETAFENCE LIMITED	<b>233571</b>	Cl. 16. 23 January 2026. Essity Hygiene and Health Aktiebolag
<b>114817</b>	Cl. 25. 13 January 2026. Fashion Box S.p.A.	<b>233607</b>	Cl. 3. 29 January 2026. THE PROCTER & GAMBLE COMPANY
<b>115655</b>	Cl. 33. 13 January 2026. F.11i PEDROTTI S.p.A.	<b>233612</b>	Cl. 5. 15 January 2026. DORRIE KILLEEN
<b>117281</b>	Cl. 12. 10 January 2026. AUTOMOBILES PEUGEOT	<b>233690</b>	Cl. 5, Cl. 31. 15 January 2026. ANIMAX LIMITED
<b>117780</b>	Cl. 25. 23 January 2026. Nine West Development LLC	<b>233719</b>	Cl. 6, Cl. 16, Cl. 18, Cl. 25, Cl. 35, Cl. 36. 18 January 2026. Balrath Commercial Property Holdings Limited
<b>122773</b>	Cl. 5. 29 January 2026. PFIZER PRODUCTS INC.	<b>233757</b>	Cl. 31. 24 January 2026. HOMEGROWN PRODUCE LTD
<b>134345</b>	Cl. 30. 03 January 2026. Mars Foods Ireland Limited	<b>233852</b>	Cl. 9, Cl. 30. 08 January 2026. Jacobs Douwe Egberts GB Ltd
<b>233328</b>	Cl. 2. 03 January 2026. AKZO NOBEL COATINGS INTERNATIONAL B.V.	<b>233951</b>	Cl. 5. 25 January 2026. BioAtlantis
<b>233329</b>	Cl. 2. 03 January 2026. AKZO NOBEL COATINGS INTERNATIONAL B.V.	<b>234082</b>	Cl. 6, Cl. 16, Cl. 20. 25 January 2026. Smurfit Kappa Services Limited
<b>233332</b>	Cl. 2. 03 January 2026. AKZO NOBEL COATINGS INTERNATIONAL B.V.	<b>234247</b>	Cl. 5. 02 January 2026. BAUSCH & LOMB INCORPORATED
<b>233334</b>	Cl. 2. 03 January 2026. AKZO NOBEL COATINGS INTERNATIONAL B.V.	<b>234453</b>	Cl. 16, Cl. 35, Cl. 41, Cl. 44. 18 January 2026. DMG WORLD MEDIA LIMITED
<b>233337</b>	Cl. 2. 03 January 2026. AKZO NOBEL COATINGS INTERNATIONAL B.V.	<b>234681</b>	Cl. 9, Cl. 35, Cl. 38, Cl. 39, Cl. 42, Cl. 45. 25 January 2026. Carrierweb Services Limited
<b>233340</b>	Cl. 2. 03 January 2026. AKZO NOBEL COATINGS INTERNATIONAL B.V.	<b>234684</b>	Cl. 9, Cl. 35, Cl. 38, Cl. 39, Cl. 42, Cl. 45. 25 January 2026. Carrierweb Services Limited
<b>233344</b>	Cl. 2. 03 January 2026. AKZO NOBEL COATINGS INTERNATIONAL B.V.	<b>234901</b>	Cl. 5. 17 January 2026. SARA MACKENZIE
<b>233346</b>	Cl. 2. 03 January 2026. AKZO NOBEL COATINGS INTERNATIONAL B.V.	<b>235371</b>	Cl. 9, Cl. 35, Cl. 36, Cl. 37, Cl. 39, Cl. 42. 05 January 2026. Easytrip Services Ireland Limited
<b>233347</b>	Cl. 2. 03 January 2026. AKZO NOBEL COATINGS INTERNATIONAL B.V.	<b>235748</b>	Cl. 16, Cl. 29, Cl. 30, Cl. 32, Cl. 33, Cl. 34, Cl. 35, Cl. 39, Cl. 42, Cl. 43. 31 January 2026. BWG FOODS LIMITED
<b>233360</b>	Cl. 12. 09 January 2026. GREAT WALL MOTOR COMPANY LIMITED	<b>236099</b>	Cl. 39. 09 January 2026. LIAM O'LEARY
<b>233380</b>	Cl. 16, Cl. 40. 11 January 2026. Smurfit Kappa Services Limited	<b>237905</b>	Cl. 5, Cl. 35, Cl. 41, Cl. 42, Cl. 44. 05 January 2026. GLAXO GROUP LIMITED
<b>233381</b>	Cl. 33. 11 January 2026. SUR ANDINO S.A.	<b>239311</b>	Cl. 9, Cl. 16, Cl. 35, Cl. 38, Cl. 41, Cl. 42. 26 January 2026. DTM Deutsche Tele Medien GmbH
<b>233402</b>	Cl. 20, Cl. 22. 04 January 2026. SDI (Wigan) IP Limited	<b>254354</b>	Cl. 7, Cl. 35, Cl. 39. 02 January 2026. PPP Group Sp. z o.o.
<b>233415</b>	Cl. 9, Cl. 38. 10 January 2026. GAELIC TELECOM LIMITED	<b>254355</b>	Cl. 25. 04 January 2026. St Kilians Community School
<b>233425</b>	Cl. 31. 17 January 2026. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	<b>254360</b>	Cl. 41. 05 January 2026. Paul Devaney
<b>233426</b>	Cl. 31. 17 January 2026. SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	<b>254363</b>	Cl. 35, Cl. 36, Cl. 41. 06 January 2026. Icubed Training, Research and Consulting
<b>233436</b>	Cl. 35, Cl. 41. 11 January 2026. Cooks Academy Limited	<b>254364</b>	Cl. 16. 06 January 2026. Elaine Kellegher
<b>233458</b>	Cl. 28. 19 January 2026. OSIM INTERNATIONAL LTD	<b>254372</b>	Cl. 16. 06 January 2026. Elaine Kellegher
<b>233464</b>	Cl. 9, Cl. 38. 10 January 2026. GAELIC TELECOM LIMITED		
<b>233544</b>	Cl. 33. 31 January 2026. Dulong-Calvet SAS		
<b>233561</b>	Cl. 25. 30 January 2026. ANTONIO PACELLI LIMITED		

<b>254376</b>	Cl. 35. 07 January 2026. Vision Independent Productions Ltd.	<b>254470</b>	Cl. 29. 15 January 2026. PAN-EURO FOODS UNLIMITED COMPANY
<b>254379</b>	Cl. 9, Cl. 25. 07 January 2026. Jack Cantrell	<b>254471</b>	Cl. 29. 15 January 2026. PAN-EURO FOODS UNLIMITED COMPANY
<b>254380</b>	Cl. 38, Cl. 41. 08 January 2026. ROY BARRY	<b>254472</b>	Cl. 3, Cl. 21. 26 January 2026. Nicola Costigan
<b>254381</b>	Cl. 16. 08 January 2026. LEE GRANGE	<b>254473</b>	Cl. 9, Cl. 41, Cl. 42. 26 January 2026. WEBII SOFTWARE SOLUTIONS LIMITED
<b>254382</b>	Cl. 10. 05 January 2026. ArraVasc Limited	<b>254474</b>	Cl. 25, Cl. 41. 25 January 2026. STEPHEN TEELING-LYNCH
<b>254383</b>	Cl. 28. 09 January 2026. James Kavanagh	<b>254475</b>	Cl. 25, Cl. 41. 25 January 2026. STEPHEN TEELING-LYNCH
<b>254384</b>	Cl. 41. 10 January 2026. Grace O'Sullivan	<b>254477</b>	Cl. 16, Cl. 41, Cl. 43. 07 January 2026. Cooks Academy Limited
<b>254386</b>	Cl. 41. 10 January 2026. Dennis Boehm	<b>254479</b>	Cl. 9, Cl. 41, Cl. 42. 26 January 2026. WEBII SOFTWARE SOLUTIONS LIMITED
<b>254388</b>	Cl. 1. 10 January 2026. Patrick O'Connor	<b>254480</b>	Cl. 41. 27 January 2026. Orla Crosse
<b>254389</b>	Cl. 35, Cl. 37, Cl. 40, Cl. 44. 08 January 2026. HSS Hire Service Group Limited	<b>254482</b>	Cl. 41. 26 January 2026. Stephanie Obijaku
<b>254391</b>	Cl. 14, Cl. 18, Cl. 25. 11 January 2026. kelly craig	<b>254485</b>	Cl. 32. 27 January 2026. James Ward
<b>254393</b>	Cl. 30. 11 January 2026. INTERCONTINENTAL GREAT BRANDS LLC	<b>254486</b>	Cl. 41. 18 January 2026. John Martin
<b>254395</b>	Cl. 29, Cl. 30, Cl. 43. 08 January 2026. WEI XUE	<b>254487</b>	Cl. 3, Cl. 44. 19 January 2026. Noel McHugh
<b>254396</b>	Cl. 40, Cl. 44. 11 January 2026. Theresa Hannon	<b>254488</b>	Cl. 29, Cl. 30. 19 January 2026. NARENDER REDDY GOODA
<b>254399</b>	Cl. 12. 12 January 2026. Kia Corporation	<b>254489</b>	Cl. 9, Cl. 42. 20 January 2026. ACADINE TECHNOLOGIES HOLDINGS LIMITED
<b>254409</b>	Cl. 42. 13 January 2026. Elias Sare	<b>254490</b>	Cl. 16, Cl. 41. 25 January 2026. Ed O'Leary
<b>254410</b>	Cl. 41. 08 January 2026. Vamsi Krishna Vungarala	<b>254496</b>	Cl. 43. 29 January 2026. Hilton Worldwide Manage Limited
<b>254419</b>	Cl. 43. 07 January 2026. EAST HOUSTON HOLDINGS LIMITED	<b>254497</b>	Cl. 25. 29 January 2026. Hemant Jeet Singh
<b>254421</b>	Cl. 36. 19 January 2026. Gareth Hanlon	<b>254498</b>	Cl. 37, Cl. 42. 30 January 2026. Artur Winnicki
<b>254423</b>	Cl. 42. 17 January 2026. Simon Hill	<b>254501</b>	Cl. 37. 19 January 2026. Michael Walsh
<b>254424</b>	Cl. 9. 14 January 2026. Cubic Telecom	<b>254503</b>	Cl. 29. 01 February 2026. Flora Food Global Principal B.V.
<b>254425</b>	Cl. 9. 14 January 2026. Cubic Telecom	<b>254504</b>	Cl. 5. 20 January 2026. Zoetis Services LLC
<b>254434</b>	Cl. 30. 08 January 2026. CADBURY UK LIMITED	<b>254505</b>	Cl. 11. 01 February 2026. Donal Fitzgerald
<b>254435</b>	Cl. 35. 08 January 2026. Stuart McNamara	<b>254509</b>	Cl. 35, Cl. 41, Cl. 43. 25 January 2026. PRESS UP LIMITED
<b>254440</b>	Cl. 30. 15 January 2026. CADBURY UK LIMITED	<b>254510</b>	Cl. 35, Cl. 41, Cl. 43. 25 January 2026. PRESS UP LIMITED
<b>254451</b>	Cl. 10. 21 January 2026. Paul McEntaggart	<b>254511</b>	Cl. 35, Cl. 36, Cl. 37. 25 January 2026. INGARO LIMITED
<b>254454</b>	Cl. 41. 14 January 2026. Garret Campbell	<b>254512</b>	Cl. 35, Cl. 36, Cl. 37. 25 January 2026. INGARO LIMITED
<b>254456</b>	Cl. 14. 24 January 2026. Graeme Haughton	<b>254516</b>	Cl. 36, Cl. 37. 29 January 2026. TREACY DEVELOPMENT FUNDING COMPANY LIMITED
<b>254458</b>	Cl. 25, Cl. 41. 22 January 2026. Rene Borg		
<b>254461</b>	Cl. 9, Cl. 11. 22 January 2026. HUB Controls Limited		
<b>254467</b>	Cl. 35. 22 January 2026. The Juice Plus+ Company, LLC		
<b>254469</b>	Cl. 30, Cl. 32, Cl. 33. 26 January 2026. Clada Group Ltd		

**254521** Cl. 41. 01 February 2026. DAY 1 Management  
**254526** Cl. 5, Cl. 25. 27 January 2026. Sam Crawford  
**254527** Cl. 30. 31 January 2026. Zoran Bereczki  
**254533** Cl. 32. 27 January 2026. James Ward  
**254534** Cl. 9, Cl. 11. 27 January 2026. REAY THOMPSON (BELFAST) LIMITED AND REAY THOMPSON (IRELAND) LIMITED  
**254535** Cl. 9, Cl. 11. 27 January 2026. REAY THOMPSON (BELFAST) LIMITED AND REAY THOMPSON (IRELAND) LIMITED  
**254542** Cl. 44, Cl. 45. 30 January 2026. Brian Kelleher  
**254577** Cl. 21, Cl. 41, Cl. 44. 24 January 2026. Hertos Weight Loss Limited  
**254640** Cl. 19. 11 January 2026. Falconhurst Ltd T/A Kellys of Fantane  
**254648** Cl. 5. 20 January 2026. Zoetis Services LLC  
**254649** Cl. 5. 20 January 2026. Zoetis Services LLC  
**254710** Cl. 41. 26 January 2026. SORCHA Mc Corry  
**254727** Cl. 11, Cl. 37, Cl. 42. 11 January 2026. KLED Lighting Limited  
**254756** Cl. 21. 05 January 2026. SIOBHAIN STEELE CERAMICS  
**254765** Cl. 33. 28 January 2026. Clonakilty Distillery Limited  
**254889** Cl. 16. 25 January 2026. TOMOSE LIMITED  
**254979** Cl. 29. 12 January 2026. Iceland Foods Limited  
**255001** Cl. 43. 06 January 2026. Mary O'Reilly  
**255156** Cl. 5, Cl. 29, Cl. 30, Cl. 32. 27 January 2026. The Juice Plus+ Company, LLC  
**255470** Cl. 31. 19 January 2026. Sylvia Anne Thompson  
**255482** Cl. 5, Cl. 29, Cl. 30, Cl. 32. 22 January 2026. The Juice Plus+ Company, LLC  
**255867** Cl. 3, Cl. 44. 28 January 2026. DARSIM LTD.  
**256028** Cl. 16. 22 January 2026. Irish Pages Limited  
**256528** Cl. 5, Cl. 29, Cl. 30. 22 January 2026. The Juice Plus+ Company, LLC  
**256529** Cl. 5, Cl. 29, Cl. 30. 22 January 2026. The Juice Plus+ Company LLC  
**256642** Cl. 11. 27 January 2026. Mezwell Limited  
**256753** Cl. 44. 15 January 2026. STANLEY DOCK HOTEL LTD  
**256867** Cl. 9. 11 January 2026. Apple Inc.

**257078** Cl. 43. 01 February 2026. K&N Foods Limited

### Trade Marks Removed from the Register under Section 48 and Rule 39(2) of the 1996 Act and Rules.

**48666** Cl. 29. Edible Oils Limited  
**68998** Cl. 33. Irish Distillers International Limited  
**69804** Cl. 33. Irish Distillers International Limited  
**76962** Cl. 3, 5. TIGI HOLDINGS LIMITED  
**77514** Cl. 11. DENCHI POWER LIMITED  
**111651** Cl. 25. BIRGER CHRISTENSEN (USA), INC.  
**111658** Cl. 9. Lincoln Global, Inc.  
**111659** Cl. 34. M & P Sales and Marketing Limited  
**111660** Cl. 34. M & P Sales and Marketing Limited  
**111670** Cl. 5. MERCURY PHARMA GROUP LIMITED  
**112135** Cl. 5. BASF Agro B.V., Arnhem (NL), Zweigniederlassung Freienbach  
**112316** Cl. 12. SEAT S.A.  
**112328** Cl. 5. Piramal Critical Care Limited  
**112476** Cl. 5. Belpharma S.A.  
**112482** Cl. 1. Covestro Deutschland AG  
**112483** Cl. 17. Covestro Deutschland AG  
**112490** Cl. 30. Manus Bio, Inc.  
**112491** Cl. 17, 19. Celuform Building Products Limited  
**113770** Cl. 25. MIROGLIO FRANCE S.A.S  
**114369** Cl. 16. SWENSEN'S ICE CREAM COMPANY  
**115085** Cl. 29. SAVENCIA SA  
**115234** Cl. 9. Lincoln Global, Inc.  
**116636** Cl. 28. Sumitomo Rubber Industries, Ltd.  
**116877** Cl. 29. Pilgrim's Food Masters Ireland Limited  
**120771** Cl. 5. HACHETTE FILIPACCHI PRESSE  
**120977** Cl. 29. Dairy Consumer Foods (Ireland) Limited  
**232259** Cl. 30. KRAFT FOODS SCHWEIZ HOLDING GMBH  
**232282** Cl. 5. E.R. SQUIBB AND SONS, L.L.C.  
**232288** Cl. 16. A.T.X. INTERNATIONAL, INC.  
**232294** Cl. 5. PINWOOD LABORATORIES LIMITED  
**232346** Cl. 41. JOHNSON & JOHNSON  
**232353** Cl. 32. Britvic Ireland Limited  
**232371** Cl. 3. Unilever Global IP Limited

232373	Cl. 3. Unilever Global IP Limited	253367	Cl. 39, 43. Joseph Duggan & Sons Limited
232374	Cl. 3. Unilever Global IP Limited	253368	Cl. 9, 42. Sekos Technology Ltd
232375	Cl. 3. Unilever Global IP Limited	253372	Cl. 45. Lorenzo Stillittano
232377	Cl. 3. Unilever Global IP Limited	253373	Cl. 39. DPD Ireland
232378	Cl. 3. Unilever Global IP Limited	253384	Cl. 35, 36, 41, 43. Kerten Unlimited Company
232380	Cl. 34. GALLAHER LIMITED	253385	Cl. 9, 42. Acadine Technologies Holdings Limited
232394	Cl. 5. ALLIANCE PHARMACEUTICALS LIMITED	253386	Cl. 14. Eyre Tarrant
232421	Cl. 30. ALDI STORES (IRELAND) LIMITED	253388	Cl. 30, 32, 33. Schweppes International Limited
232463	Cl. 3. O2 Worldwide Limited	253390	Cl. 35, 36. Palmerston Limited
232484	Cl. 29, 30, 31. ALDI STORES (IRELAND) LIMITED	253392	Cl. 3. Shipman Associates, LLC, dba theBalm
232536	Cl. 30. Jacob Fruitfield Foods	253393	Cl. 35, 41. VLOG ADVERTISING AND PROMOTIONS LIMITED
232599	Cl. 29, 30. Intercontinental Great Brands LLC	253395	Cl. 37. Ray Kavanagh
232733	Cl. 29, 30. MOLKEREI ALOIS MÜLLER GMBH & CO. KG	253396	Cl. 43. Domocafes Limited
232734	Cl. 29, 30. MOLKEREI ALOIS MÜLLER GMBH & CO. KG	253404	Cl. 9, 25, 35, 36, 39, 41, 42, 43, 45. IP Direction Pty Ltd
232809	Cl. 29, 43. OPORTO HOLDINGS PTY LTD	253405	Cl. 43. BOYNE VALLEY CRAFT BREWERY AND DISTILLERY LIMITED
232881	Cl. 10. Michael O'Donovan, Innovation Enterprises Ltd T/A Audit Diagnostics	253406	Cl. 32. BOYNE VALLEY CRAFT BREWERY AND DISTILLERY LIMITED
232883	Cl. 10. Michael O'Donovan, Innovation Enterprises Ltd T/A Audit Diagnostics	253410	Cl. 29. Greencore Group PLC
232886	Cl. 10. Michael O'Donovan, Innovation Enterprises Ltd T/A Audit Diagnostics	253411	Cl. 29. Greencore Group PLC
232895	Cl. 35, 39, 41, 43. JOE HOLOHAN	253423	Cl. 25, 41. John Sheridan
232904	Cl. 29, 30, 35. Kraft Foods UK Intellectual Property Limited	253425	Cl. 35. Mark Hegarty
232917	Cl. 5. CELGENE CORPORATION	253426	Cl. 9, 16, 25, 41. Brian O Reilly
232954	Cl. 11, 37, 40, 42. HRD TECHNOLOGIES LIMITED	253427	Cl. 14, 25, 42. Siobhan Quinn
233028	Cl. 29, 30, 32. MOLKEREI ALOIS MÜLLER GMBH & CO. KG	253428	Cl. 11. Jamie Lawlor
233242	Cl. 32. ABULJADAYEL BEVERAGES INCORPORATION	253429	Cl. 20. The Soft Bedding Company
234369	Cl. 34. GALLAHER LIMITED	253430	Cl. 5. Bristol Laboratories Limited
236388	Cl. 29, 30. Jacob Fruitfield Foods	253432	Cl. 44. Simon Leonard
237935	Cl. 11, 35. Geberit International AG	253433	Cl. 35. The Snapys
241305	Cl. 9, 38, 41. O2 Worldwide Limited	253435	Cl. 9, 37, 45. Peter Brady
242751	Cl. 9, 38, 41. O2 Worldwide Limited	253439	Cl. 29, 30. BERNADETTE POWER
253315	Cl. 35. Grace O'Sullivan	253440	Cl. 25, 41. ZAC GLOBAL PROMOTIONS LIMITED
253324	Cl. 3, 4. Arno Schouwenburg	253454	Cl. 31. Basil Edward Thompson
253330	Cl. 16, 25, 41. Villiers School	253457	Cl. 36. COSIMO VENTURE PARTNERS LIMITED
253331	Cl. 16, 25, 41. Villiers School	253458	Cl. 30. Jude Rodrigo
253333	Cl. 16, 25, 41. Villiers School	253464	Cl. 35, 45. Michael Burke
253334	Cl. 16, 25, 41. Villiers School	253466	Cl. 9, 16, 41. McCain Foods (GB) Limited
253336	Cl. 16, 25, 41. Villiers School	253481	Cl. 33. Portfolio Group
253342	Cl. 26, 35. Jeanette Walsh	253485	Cl. 35, 36, 44. iNua Health Management Limited
253348	Cl. 10, 20, 25, 28. FLEXIBOD LIMITED	253487	Cl. 42. Xiamen Aizhuo Industrial Design CO., LTD.
253349	Cl. 9, 35, 38, 45. Jorge Valle	253489	Cl. 41. Celtic Gold Productions (Ireland) Limited
253352	Cl. 35. Trevor Gately	253492	Cl. 9, 16. Rita Duffy
253365	Cl. 18, 25. Arfan Boota		

253497	Cl. 14, 18, 21, 25, 30, 33, 39. Colin Mangan
253506	Cl. 35, 41. S.C.C.U.L. Enterprises Limited
253519	Cl. 41. Conor McCarthy
253520	Cl. 41. STAR DJ'S LIMITED
253531	Cl. 41. IRISH AUTOMOBILE CLUB LIMITED
253574	Cl. 41. DONAL CASEY
253589	Cl. 24, 25, 35. KEELIN O'KEEFFE
253671	Cl. 33. Dunowen Farm Investments Ltd
253678	Cl. 41. Martin Hannan
253683	Cl. 41. BAILIN YOU
253899	Cl. 44. Dr. Michael Ryan
253900	Cl. 9. Luvvitt LLC
253917	Cl. 42. EDWARD O'CLERY
253919	Cl. 29, 30. Knorr-Nahrungsmittel Aktiengesellschaft
253937	Cl. 43. Greg O'Mahoney
253954	Cl. 3, 18, 21, 44. XPLOR INVESTMENTS LTD
254021	Cl. 44. Shane O'Loughlin
254042	Cl. 33. Dublin City Gin Company Ltd.
254400	Cl. 5. Stephen Mc Garvey
254459	Cl. 16. Hurdle Star Limited
254492	Cl. 35, 41. Thomas Hollingsworth
254707	Cl. 35, 43. Just Eat Holding Limited
255284	Cl. 9, 16, 25, 35. The Stepstone Group Ireland Recruit Limited
255560	Cl. 9. Graham Dungan
256875	Cl. 9, 35. E.G. Tiger Outsourcing, Ltd.

## Application to Alter Trade Mark(s) Registered under the 1996 Act

**201241** Class 41. Met Eireann. The mark, in the proposed altered form, is as shown hereunder.



Any person desiring to oppose the application must give Notice of Opposition to the Controller in accordance with Rule 35(2) of the 1996 Rules within three months of the date of this Journal issue.

**201242** Class 42. Met Eireann. The mark, in the proposed altered form, is as shown hereunder.



Any person desiring to oppose the application must give Notice of Opposition to the Controller in accordance with Rule 35(2) of the 1996 Rules within three months of the date of this Journal issue

## Trade Marks Restored to the Register under Rule 40 of the 1996 Rules

**252485** Cl. 33. Sean Watchorn.

## International Registrations under the Madrid Protocol seeking protection in the State.

Any person desiring to oppose the conferring of protection in the State to the undermentioned marks may, within three months from the date of this Journal give notice to the Controller, in accordance with the provisions of Rule 18.

It should be noted that under the provisions of Rule 63(2) no extension of the opposition period is allowed for lodging opposition under Rule 18.

It is desirable before lodging formal opposition that a communication should be addressed to the holder affording him an opportunity to withdraw his application for protection of the International Registration in the State. In this way cost of opposition proceedings may be avoided.

### SNOOZE

1796772 22/01/2024

Class 35. Retail store services in connection with furniture, beds, mattresses, and sleep-related products.

Daydream LLC, 102 Oneida Street, Pueblo CO 91003, United States of America

Representative: Christopher Sylvain Polson  
Intellectual Property Law P.C.,  
1001 W 120th Ave, Ste 207,  
Westminster CO 80234, United States of America

Address for service: TOMKINS & CO., 5  
Dartmouth Road, Dublin 6,  
Ireland



1820238 19/08/2024

Class 37. Construction; installation and repair services for constructions and other facilities and ancillary facilities for the generation, transmission or storage of electricity from renewable energies, mining, oil and gas drilling.

Class 42. Scientific and technological services and research and design relating thereto; industrial analysis; industrial research; industrial design; quality control and authentication services;

design and development of computer hardware and software; design and development of regenerative energy generation systems.

Priority Date Claimed: 22 February 2024 Germany  
ON Energy GmbH, Am Kai 22, 44263 Dortmund, Germany

Representative: Heuking Kühn Lüer Wojtek  
PartGmbH, Rechtsanwalt  
Dominik Eickemeier,  
Magnusstraße 13, 50672 Köln,  
Germany

downloadable computer software for use as an application programming interface (API); application software; downloadable software; plugin software; server software; computer programming software; multimedia software; computer software for advertising; software applications; enterprise software; mobile software; computer software for use as an application programming interface (API); optimisation software; workflow software; software suites; interactive computer software; computer software [programmes]; downloadable software applications; application suites [software]; downloadable computer software for the management of data; interactive software; downloadable application software; computer interface software; computer software programs for spreadsheet management; computer software programs for database management; computer software for database management; platform software; interface software; software for use in advertising; software reliability software; server-side software; computer software applications, downloadable; business software; operating software; smartphone software; publishing software; embedded software; intranet software; communications software; software for smartphones; business technology software; machine learning software; machine learning software for healthcare; machine learning software for advertising; machine learning software for analysis; artificial intelligence

---

## AITHENA

1839669 08/10/2024

Class 9. Intelligent Character Recognition [ICR] software; AI software; software; computer software; Enterprise application software [EAS]; computer software packages; programming software; downloadable computer software; collaboration software platforms [software]; software for computers; computer application software; computer software platforms; software compiler; downloadable computer software applications; computer software programs; programs (computer -) [downloadable software]; computer programs [downloadable software]; system software; computer software applications;

and machine learning software; software for the integration of artificial intelligence and machine learning in the field of Big Data; application software for cloud computing services; business application software; artificial intelligence software; artificial intelligence software for analysis; artificial intelligence software for healthcare; interactive software based on artificial intelligence; databases; database server software; interactive database software; database management software; computer software for creating searchable databases of information and data; computer databases; interactive databases; computer software for application and database integration; databases (electronic); electronic databases; computer software for accessing databases; computer programs in machine readable form for use in database management; computer software for accessing, browsing and searching online databases; computer programs for accessing, browsing and searching online databases; computer software to enable searching and retrieval of data; computer software to enable retrieval of data; software for searching and retrieving information across a computer network; computer software to enable the searching of data; computer software to enable searching of data; web application and server software; web application software.

Class 35. Expert evaluations and reports relating to business matters; collection of

information relating to advertising; collecting information for business; information services relating to businesses; consultancy relating to business efficiency; provision of computerised business management information; database management; computerized database management; computer database management; compilation of data in computer databases; compilation of information into computer databases; collating of data in computer databases; updating and maintenance of data in computer databases; computerized database management services; systematization of data in computer databases; management and compilation of computerised databases; computerised database management services; database management services; computer database management services; compilation of information into computer databases; computer databases (compilation of information into -); compilation of information onto computer databases; management of computer databases; compiling of information into computer databases; compilation and systemization of information into computer databases; compilation and systemisation of information into computer databases; compilation and input of information into computer databases; collection and systematisation of information into computer databases; systemization of information into computer databases; computer

Class 42.	<p>databases (systemization of information into -); systemisation of information into computer databases; provision of commercial information from online databases; computerised data-base management; data-base management (computerised -); data searches in computerised files for others; provision of commercial business information by means of a computer database; compilation of data into computer databases; computerised data management; compilation and systematisation of information in databanks; computerised data verification; compilation of data.</p> <p>Software as a service [SaaS] featuring software for machine learning; Software as a service [SaaS] featuring computer software platforms for artificial intelligence; consultancy (computer software -); computer software consultancy; Software as a service [SaaS] featuring software for deep neural networks; programming of EDP software; computer software integration; Software as a service [SaaS] featuring software for deep learning; computer software development; development of computer software; Software as a service [SaaS] featuring software platforms for graphic design; software engineering; computer software consulting; programming of computer game software; Software as a service [SaaS]; software design (computer -); computer software (design of -); development of computer hardware and software; development of computer</p>	<p>database software; computer software installation; computer software (installation of -); installation of computer software; design of computer database software; computer software programming services; computer programming and software design; computer software (maintenance of -); maintenance of computer software; computer software maintenance; computer hardware and software design; configuration of computer software; quality audits; provision of computer security risk management programs; consultancy and information services in the field of information technology; providing technical information relating to computers; provision of scientific information; information technology services; software authoring; design of computer hardware and software; software development in the framework of software publishing; computer software design; design of computer software; computer software engineering; development of software; software development; design of software; software design; installation of software; software installation; design and development of computer hardware and software; services for the design of computer software; computer software design services; developing computer software; upgrading of computer software; computer software (updating of -); updating of computer software; software (updating of computer -); development of computer software application solutions; computer software research;</p>
-----------	---	---

quality assurance  
consultancy; Software as a service [SaaS] services  
featuring software for machine learning, deep learning and deep neural networks; software as a service; Software as a service [SAAS] services; consulting services in the field of software as a service [SaaS]; computer and software consultancy services; computer software consultancy services; computer software consulting services; software consulting services; software development services; software customisation services; Application service provider (ASP) services, namely, hosting computer software applications of others; software consultancy services; computer software advisory services; services for designing computer software; consultancy services in relation to computer software; platforms for artificial intelligence as software as a service [SaaS]; consulting services relating to computer software; design services relating to computer software; consultation services relating to computer software; development and maintenance of computer database software; installation and maintenance of database software; installation of database software; artificial intelligence consultancy; technology consultation in the field of artificial intelligence; providing artificial intelligence computer programs on data networks; database design; updating of software databases; design of computer database; rental of database management

software; programming of software for database management; maintaining databases; consultancy relating to computer database programs; hosting of databases; providing on-line non-downloadable software for database management; database development services; installation, maintenance and updating of database software; providing scientific research information and results from an online searchable database; development, updating and maintenance of software and database systems; reconstruction of database systems for others; design of computer databases; providing temporary use of on-line non-downloadable software for database management; database design and development; design and development of computer database software; hosting of computerized data, files, applications and information; design and development of electronic database software; design and development of computer database programs; providing on-line information in the field of technological research from a computer database or the Internet; electronic storage services for archiving databases, images and other electronic data; design and development of software for database management; updating of software data bases; electronic storage services for archiving databases; consultancy relating to the design and development of computer database programs; updating of software for data processing; design and development of databases.

- Class 44. Medical information; health advice and information services.
- Class 45. Licensing of computer software; licensing of software; regulatory compliance auditing; reviewing standards and practices to assure compliance with laws and regulations; advisory services relating to regulatory affairs.

Priority Date Claimed: 19 April 2024 United Kingdom

Aithena Limited, Yew Tree House, Lewis Road, Forest Row, East Sussex RH18 5AA, United Kingdom



1841975 18/10/2024

- Class 9. Nautical devices and instruments, surveying devices and instruments, photographic and cinematographic devices and instruments, optical devices

and instruments, weighing and measuring tools, signaling and monitoring (supervision) and rescue and educational tools; devices and instruments for conducting, switching, transforming, accumulating, regulating or controlling electrical energy; devices for recording or sending or copying sound or images; magnetic data carriers, recording disks; compact disks; digital video disks and other digital recording media; mechanisms for devices that operate using money; cash recording machines, calculators, data processing equipment, computers; computer programs; fire extinguishing devices.

Priority Date Claimed: 22 April 2024 United Arab Emirates

Moez Gharbi, The H Dubai, 1 Sheikh Zayed Rd, 16 Floor, Trade Centre, Trade Centre 1 Ras Al-khaimah 0000, United Arab Emirates

Colour Claimed: Blue.

Representative: AWS Legal Consultancy FZ-LLC, The H Dubai, 1 Sheikh Zayed Rd, 16 Floor, Trade Centre, Trade Centre 1, Dubai, United Arab Emirates

**trt.global**

1859534 27/12/2024

- Class 18. Unworked or semi-worked leather and animal skins, imitations of leather, stout leather, leather used for

- linings; goods made of leather, imitations of leather or other materials, designed for carrying items, included in this class; bags, wallets, boxes and trunks made of leather or stout leather; keycases, trunks [luggage], suitcases; umbrellas; parasols; sun umbrellas; walking sticks; whips; harness; saddlery; stirrups; straps of leather (saddlery).
- Class 28. Games and toys; arcade video game machines; game apparatus and machines for use with an external display screen and monitor, including those coin-operated; toys for animals; toys for outdoor playgrounds, parks and game parks; gymnastic and sporting articles not included in other classes; fishing tackle, artificial fishing bait, decoys for hunting and fishing; artificial Christmas trees, ornaments for Christmas trees, artificial snow for Christmas trees, rattles (playthings), novelties for parties, novelty toys for playing jokes and for parties, paper party hats.
- Class 35. Advertising, marketing and public relations; organization of exhibitions and trade fairs for commercial or advertising purposes; development of advertising concepts; provision of an online marketplace for buyers and sellers of goods and services; office functions; secretarial services; arranging newspaper subscriptions for others; compilation of statistics; rental of office machines; systemization of information into computer databases; telephone answering for unavailable subscribers, business management, business administration and business consultancy; accounting;
- commercial consultancy services; personnel recruitment, personnel placement, employment agencies, import-export agencies; temporary personnel placement services; auctioneering; the bringing together, for the benefit of others, of a variety of goods, namely, chemicals used in industry, science, photography, agriculture, horticulture and forestry, manures and soils, unprocessed artificial resins and unprocessed plastics, fire extinguishing compositions, adhesives not for medical, household and stationery purposes, paints, varnishes, lacquers, preservatives against rust, preservatives against deterioration of wood, thinners and binders for paints, pigments, preservatives for metals, shoe dyes, printing dyes and ink, toners, colorants for food, pharmaceuticals and beverages, raw natural resins, metals in foil and powder form for painters, decorators, printers and artists, bleaching and cleaning preparations, detergents other than for use in manufacturing operations and for medical purposes, laundry bleach, fabric softeners for laundry use, stain removers, dishwasher detergents, perfumery, non-medicated cosmetics, fragrances, deodorants for personal use and animals, soaps, dental care preparations, dentifrices, denture polishes, tooth whitening preparations, mouth washes, not for medical purposes, abrasive preparations, emery cloth, sandpaper, pumice stone, abrasive pastes, polishing preparations for leather, vinyl, metal and wood,

polishes and creams for leather, vinyl, metal and wood, wax for polishing, industrial oils and greases, cutting fluids, dust absorbing, wetting and binding compositions, solid fuels: coal, firewood, liquid and gas fuels, petrol, diesel oil, liquified petroleum gas, natural gas, fuel oil and their non-chemical additives, candles, wicks, semi-finished wax, wax and paraffin for lighting purposes, electrical energy, pharmaceutical and veterinary preparations for medical purposes, chemical preparations for medical and veterinary purposes, chemical reagents for pharmaceutical and veterinary purposes, medicated cosmetics, dietary supplements for pharmaceutical and veterinary purposes, dietary supplements, nutritional supplements, medical preparations for slimming purposes, food for babies, herbs and herbal beverages adapted for medicinal purposes, dental preparations and articles: teeth filling material, dental impression material, dental adhesives and material for repairing teeth, sanitary preparations for medical use: hygienic pads, hygienic tampons, plasters, materials for dressings, diapers made of paper and textiles for babies, adults and pets, preparations for destroying vermin, herbicides, fungicides, preparations for destroying rodents, deodorants, other than for human beings or for animals, air purifying preparations, air deodorising preparations, disinfectants, antiseptics, detergents for medical purposes, medicated soaps, disinfectant soaps, antibacterial hand lotions,

ores of non-precious metal, common metals and their alloys and semi-finished products made of these materials, irons for construction, mats and stirrups of common metals for buildings, common metals in the form of plate, billet, stick, profile, sheet and sheeting, goods and materials of common metal used for storage, wrapping, packaging and sheltering purposes, containers of metal (storage, transport), buildings of metal, frames of metal for building, poles of metal for building, metal boxes, packaging containers of metal, aluminium foil, fences made of metal, guard barriers of metal, metal tubes, storage containers of metal, metal containers for the transportation of goods, ladders of metal, goods of common metal for filtering and sifting purposes, doors, windows, shutters, jalousies and their cases and fittings of metal, non-electric cables and wires of metal, ironmongery, small hardware of metal, screws of metal, nails, bolts of metal, nuts of metal, pegs of metal, flakes of metal, pitons of metal, metal chains, furniture casters of metal, fittings of metal for furniture, industrial metal wheels, door handles of metal, window handles of metal, hinges of metal, metal latches, metal locks, metal keys for locks, metal rings for carrying keys, metal pulleys, ventilation ducts, vents, vent covers, pipes, chimney caps, manhole covers, grilles of metal for ventilation, heating, sewage, telephone, underground electricity and air conditioning installations, metal panels or boards (non-luminous and non-

mechanical) used for signalling, route showing, publicity purposes, signboards of metal, advertisement columns of metal, signaling panels of metal, non-luminous and non-mechanical traffic signs of metal, pipes of metal for transportation of liquids and gas, drilling pipes of metal and their metal fittings, valves of metal, couplings of metal for pipes, elbows of metal for pipes, clips of metal for pipes, connectors of metal for pipes, safes (strong boxes) of metal, metal railway materials, metal rails, metal railway ties, railway switches, bollards of metal, floating docks of metal, mooring buoys of metal, anchors, metal moulds for casting, other than machine parts, works of art made of common metals or their alloys, trophies of common metal, metal closures, bottle caps of metal, metal poles, metal pillars, scaffolding of metal, metal stakes, metal towers, metal pallets and metal ropes for lifting, loading and transportation purposes, metal hangers, ties, straps, tapes and bands used for load-lifting and load-carrying, wheel chocks made primarily of metal, metal profile laths for vehicles for the purposes of decoration, machines, machine tools and industrial robots for processing and shaping wood, metals, glass, plastics and minerals, 3D printers, construction machines and robotic mechanisms (machines) for use in construction: bulldozers, diggers (machines), excavators, road construction and road paving machines, drilling machines, rock drilling machines, road

sweeping machines, lifting, loading and transmission machines and robotic mechanisms (machines) for lifting, loading and transmission purposes: elevators, escalators and cranes, machines and robotic mechanisms (machines) for use in agriculture and animal breeding, machines and robotic mechanisms (machines) for processing cereals, fruits, vegetables and food, machines for preparing and processing beverages, engines and motors, other than for land vehicles, parts and fittings therefor: hydraulic and pneumatic controls for engines and motors, brakes other than for vehicles, brake linings for engines, crankshafts, gearboxes, other than for land vehicles, cylinders for engines, pistons for engines, turbines, not for land vehicles, filters for engines and motors, oil, air and fuel filters for land vehicle engines, exhausts for land vehicle engines, exhaust manifolds for land vehicle engines, engine cylinders for land vehicles, engine cylinder heads for land vehicles, pistons for land vehicle engines, carburetors for land vehicles, fuel conversion apparatus for land vehicle engines, injectors for land vehicle engines, fuel economisers for land vehicle engines, pumps for land vehicle engines, valves for land vehicle engines, starter motors for land vehicles, dynamos for land vehicle engines, sparking plugs for land vehicle engines, bearings (parts of machines), roller or ball bearings, machines for mounting and detaching tires, alternators, current generators, electric

generators, current generators operated with solar energy, painting machines, automatic spray guns for paint, electric, hydraulic and pneumatic punching machines and guns, electric adhesive tape dispensers [machines], electric guns for compressed gas or liquid spraying machines, electric hand drills, electric hand saws, electric jigsaw machines, spiral machines, compressed air machines, compressors (machines), vehicle washing installations, industrial robots with the abovementioned functions, electric and gas-operated welding apparatus, electric arc welding apparatus, electric soldering apparatus, electric arc cutting apparatus, electrodes for welding machines, industrial robots (machines) with the abovementioned functions, printing machines, packaging machines, filling, plugging and sealing machines, labellers (machines), sorting machines, industrial robots (machines) with the abovementioned functions, electric packing machines for plugging and sealing of plastics, machines for textile processing, sewing machines, industrial robots (machines) with the abovementioned functions, pumps other than parts of machines or engines, fuel dispensing pumps for service stations, self-regulating fuel pumps, electric kitchen machines for chopping, grinding, crushing, mixing and mincing foodstuff, washing machines, laundry washing machines, dishwashers, spin driers (not heated), electric cleaning machines for cleaning floors, carpets or floorings, vacuum cleaners and parts thereof, automatic vending machines,

galvanizing and electroplating machines, electric door openers and closers, gaskets for engines and motors, forks, spoons, knives and non-electric cutters, slicers, peelers for kitchen use, made of precious metals, side arms and blades (weapons), tools and apparatus for personal beauty care use: tools and apparatus for shaving, depilation, manicure and pedicure, electric hand implements for straightening and curling hair, scissors, hand-operated [non-electric] hand tools for the repair of machines, apparatus and vehicles and for use in construction, agriculture, horticulture and forestry, none of them being power tools, electric or non-electric irons, steam irons, handles for hand-operated hand tools, measurement apparatus and equipment for scientific, nautical, topographic, meteorologic, industrial and laboratory purposes, thermometers, not for medical purposes, barometers, ammeters, voltmeters, hygrometers, testing apparatus not for medical purposes, telescopes, periscopes, directional compasses, speed indicators, laboratory apparatus, microscopes, magnifying glasses, stills, binoculars, ovens and furnaces for laboratory experiments, apparatus for recording, transmission or reproduction of sound or images, cameras, photographic cameras, television apparatus, video recorders, CD and DVD players and recorders, MP3 players, computers, desktop computers, tablet computers, wearable technological devices (smart watches, wristbands, head-mounted

devices) microphones, loudspeakers, earphones, telecommunications apparatus, apparatus for the reproduction of sound or images, computer peripheral devices, cell phones, covers for cell phones, telephone apparatus, computer printers, scanners [data processing equipment], photocopiers, magnetic and optical data carriers and computer software and programmes recorded thereto, downloadable and recordable electronic publications, encoded magnetic and optical cards, movies, tv series and video music clips recorded on magnetic, optical and electronic media, antennas, satellite antennas, amplifiers for antennas, parts of the aforementioned goods, electronic ticket dispensing terminals, automatic teller machines (ATM), electronic components used in the electronic parts of machines and apparatus: semi-conductors, electronic circuits, integrated circuits, chips [integrated circuits], diodes, transistors [electronic], magnetic heads for electronic apparatus, electronic locks, photocells, remote control apparatus for opening and closing doors, optical sensors, counters and quantity indicators for measuring the quantity of consumption, automatic time switches, clothing for protection against accidents, irradiation and fire, safety vests and life-saving apparatus and equipment, eyeglasses, sunglasses, optical lenses and cases, containers, parts and components thereof, apparatus and instruments for conducting, transforming, accumulating or controlling

electricity, electric plugs, junction boxes [electricity], electric switches, circuit breakers, fuses, lighting ballasts, battery starter cables, electrical circuit boards, electric resistances, electric sockets, transformers [electricity], electrical adapters, battery chargers, electric door bells, electric and electronic cables, batteries, electric accumulators, solar panels for production of electricity, alarms and anti-theft alarms, other than for vehicles, electric bells, signalling apparatus and instruments, luminous or mechanical signs for traffic use, fire extinguishing apparatus, fire engines, fire hose and fire hose nozzles, radar apparatus, sonars, night vision apparatus and instruments, decorative magnets, metronomes, surgical, medical, dental and veterinary apparatus and instruments, furniture especially made for medical purposes, artificial limbs and prostheses, medical orthopaedic articles: corsets for medical purposes, orthopaedic shoes, elastic bandages and supportive bandages, surgical gowns and surgical sterile sheets, adult sexual aids, condoms, babies' bottles, babies' pacifiers, teats, gum massagers for babies, bracelets and rings for medical purposes, anti-rheumatism bracelets, anti-rheumatism rings, lighting installations, lights for vehicles and interior-exterior spaces, heating installations using solid, liquid or gas fuels or electricity: central heating boilers, boilers for heating installations, radiators [heating], heat exchangers, not parts of machines, stoves, kitchen stoves, solar thermal

collectors [heating], steam, gas and fog generators: steam boilers, other than parts of machines, acetylene generators, oxygen generators, nitrogen generators, installations for air-conditioning and ventilating, cooling installations and freezers, electric and gas-powered devices, installations and apparatus for cooking, drying and boiling: cookers, electric cooking pots, electric water heaters, barbecues, electric laundry driers, hair driers, hand drying apparatus, sanitary installations: taps [faucets], shower installations, toilets [water-closets], shower and bathing cubicles, bath tubs, toilet seats, sinks, wash-hand basins [parts of sanitary installations], washers for water taps, stuffings (tap valves), water softening apparatus, water purification apparatus, water purification installations, waste water purification installations, electric bed warmers and electric blankets, not for medical use, electric pillow warmers, electric or non-electric footwarmers, hot water bottles, electrically heated socks, filters for aquariums and aquarium filtration apparatus, industrial type installations for cooking, drying and cooling purposes, pasteurizers and sterilizers, motor land vehicles, motorcycles, mopeds, engines and motors for land vehicles, clutches for land vehicles, transmissions, transmission belts and transmission chains for land vehicles, gearing for land vehicles, brakes, brake discs and brake linings for land vehicles, vehicle chassis, automobile bonnets, vehicle suspension springs, shock

absorbers for automobiles, gearboxes for land vehicles, steering wheels for vehicles, rims for vehicle wheels, bicycles and their bodies, handlebars and mudguards for bicycles, vehicle bodies, tipping bodies for trucks, trailers for tractors, frigorific bodies for land vehicles, trailer hitches for vehicles, vehicle seats, head-rests for vehicle seats, safety seats for children, for vehicles, seat covers for vehicles, vehicle covers (shaped), sun-blinds adapted for vehicles, direction signals and arms for direction signals for vehicles, windscreen wipers and wiper arms for vehicles, inner tubes and tires for vehicle wheels, tubeless tires, tire-fixing sets comprised of tire patches and tire valves for vehicles, windows for vehicles, safety windows for vehicles, rearview mirrors and wing mirrors for vehicles, anti-skid chains for vehicles, luggage carriers for vehicles, bicycle and ski carriers for cars, saddles for bicycles or motorcycles, air pumps for vehicles, for inflating tires, anti-theft alarms for vehicles, horns for vehicles, safety belts for vehicle seats, air bags (safety devices for automobiles), baby carriages, wheelchairs, pushchairs, wheelbarrows, shopping carts, single or multi-wheeled wheelbarrows, shopping trolleys, grocery carts, handling carts, rail vehicles, locomotives, trains, trams, waggons, cable cars, chairlifts, vehicles for locomotion by water and their parts, other than their motors and engines, vehicles for locomotion by air and their parts, other than their motors and engines, firearms, air pistols (weapons), spring-

loaded firearms, adapted cases and shoulder straps therefor, heavy weapons, mortars and rockets, fireworks, sprays for personal defence purposes, jewellery, imitation jewellery, gold, precious stones and jewellery made thereof, cufflinks, tie pins, statuettes and figurines of precious metal, clocks, watches and chronometrical instruments, chronometers and their parts, watch straps, trophies made of precious metal, rosaries, musical instruments and cases for musical instruments, paper and cardboard, paper and cardboard for packaging and wrapping purposes, cardboard boxes, paper towels, toilet paper, paper napkins, plastic materials for packaging and wrapping purposes, printing blocks and types, bookbinding material, printed publications, printed matter, books, magazines, newspapers, bill books, printed dispatch notes, printed vouchers, calendars, posters, photographs [printed], paintings, stickers [stationery], postage stamps, stationery, office stationery, instructional and teaching material [except furniture and apparatus], writing and drawing implements, artists' materials, paper products for stationery purposes, adhesives for stationery purposes, pens, pencils, erasers, adhesive tapes for stationery purposes, cardboard cartons [artists' materials], writing paper, copying paper, paper rolls for cash registers, drawing materials, chalkboards, painting pencils, watercolors [paintings], office requisites, paint rollers and paintbrushes for painting, rubber, gutta-percha, asbestos, mica

and semi-finished synthetic goods made from these materials in the form of powder, bars, panels and foils, insulation, stopping and sealing materials: insulating paints, insulating fabrics, insulating tape and band, insulation covers for industrial machinery, joint sealant compounds for joints, gaskets, O-rings for sealing purposes (other than gaskets for motors, cylinders and washer for water taps), flexible pipes made from rubber and plastic, hoses made of plastic and rubber for vehicles, junctions for pipes of plastic and rubber, pipe jackets of plastic and rubber, hoses of textile material, junctions for pipes, not of metal, pipe jackets, not of metal, connecting hose for vehicle radiators, profile laths made of synthetic materials for vehicles for the purposes of decoration, unworked or semi-worked leather and animal skins, imitations of leather, stout leather, leather used for linings, goods made of leather, imitations of leather or other materials, designed for carrying items, bags, wallets, boxes and trunks made of leather or stout leather, keycases, trunks [luggage], suitcases, umbrellas, parasols, sun umbrellas, walking sticks, whips, harness, saddlery, stirrups, straps of leather (saddlery), sand, gravel, crushed stone, asphalt, bitumen, cement, gypsum, plaster, concrete, marble blocks for construction, building materials (as finished products) made of concrete, gypsum, clay, potters' clay, stone, marble, wood, plastics and synthetic materials for building, construction, road

construction purposes, non-metallic buildings, non-metallic building materials, poles, not of metal for power lines, barriers not of metal, natural and synthetic coverings in the form of panels and sheets, being building materials, bitumen cardboard for roofing, bitumen covering for roofing, doors and windows of wood and synthetic materials, traffic signs not of metal, non-luminous and non-mechanical, for roads, monuments and statuettes of stone, concrete and marble, building glass, prefabricated swimming pools not of metal (structures), aquarium sand, furniture, made of any kind of material, mattresses, pillows, air mattresses and cushions, not for medical purposes, water beds, mirrors, beehives, artificial honeycombs and sections of wood for honeycombs, bouncing chairs for babies, playpens for babies, cradles, infant walkers, display boards, frames for pictures and paintings, identity plates, identification bracelets, name plates, identification tags, made of wood or synthetic materials, packaging containers of wood or plastics, casks for use in transportation or storage, barrels, storage drums, tanks, boxes, storage containers, transportation containers, chests, loading pallets and closures for the aforementioned goods, of wood or plastics, small hardware goods of wood or synthetic materials, furniture fittings, of wood or synthetic materials, opening and closing mechanisms of wood or synthetic materials, ornaments and decorative goods of wood, cork, reed,

cane, wicker, horn, bone, ivory, whalebone, shell, amber, mother-of-pearl, meerschaum, beeswax, plastic or plaster namely figurines, holiday ornaments for walls, sculptures, trophies, baskets, not of metal, fishing baskets, kennels, nesting boxes and beds for household pets, portable ladders and mobile boarding stairs of wood or synthetic materials, bamboo curtains, roller indoor blinds [for interiors], slatted indoor blinds, vertical indoor blinds, bead curtains for decoration, curtain hooks, curtain rings, curtain tie-backs, curtain rods, non-metal wheel chocks, hand-operated non-electric cleaning instruments and appliances: brushes, except paintbrushes, steel chips for cleaning, sponges for cleaning, steel wool for cleaning, cloths of textile for cleaning, gloves for dishwashing, non-electric polishing machines for household purposes, brooms for carpets, mops, toothbrushes, electric toothbrushes, dental floss, shaving brushes, hair brushes, combs, non-electric household or kitchen utensils, [other than forks, knives, spoons], services [dishes], pots and pans, bottle openers, flower pots, drinking straws, non-electric cooking utensils, ironing boards and shaped covers therefor, drying racks for washing, clothes drying hangers, cages for household pets, indoor aquariums, vivariums and indoor terrariums for animals and plant cultivation, ornaments and decorative goods of glass, porcelain, earthenware or clay namely statues, figurines, vases and trophies, mouse traps, insect traps,

electric devices for attracting and killing flies and insects, fly catchers, fly swatters, perfume burners, perfume sprayers, perfume vaporizers, electric or non-electric make-up removing appliances, powder puffs, toilet cases, nozzles for sprinkler hose, nozzles for watering cans, watering devices, garden watering cans, unworked or semi-worked glass, except building glass, mosaics of glass and powdered glass for decoration, except for building, glass wool other than for insulation or textile use, ropes, strings, rope ladders, hammocks, fishing nets, tents, awnings, tarpaulins, sails, vehicle covers, not fitted, bags of textile, for packaging, padding and stuffing materials, except of rubber and plastics, wool and cotton, synthetic fibers for textile use, raw spun fiber, glass fibers for textile use, yarns and threads for textile use, threads and yarns for sewing, embroidery and knitting, thread, elastic yarns and threads for textile use, woven or non-woven textile fabrics, textile goods for household use, curtains, bed covers, sheets (textile), pillowcases, blankets, quilts, towels, flags, pennants, labels of textile, swaddling blankets, sleeping bags for camping, clothing, underwear and outerclothing, other than special purpose protective clothing, socks, mufflers [clothing], shawls, bandanas, scarves, belts [clothing], footwear, shoes, slippers, sandals, headgear, hats, caps with visors, berets, caps [headwear], skull caps, laces and embroidery, guipure lace, festoons, ribbons (haberdashery), ribbons and braid, reinforcing

tapes for clothing, cords for clothing, letters and numerals for marking linen, embroidered emblems, badges for wear, not of precious metal, shoulder pads for clothing, buttons for clothing, fastenings for clothing, eyelets for clothing, zippers, buckles for shoes and belts, rivet buttons, adhesive tapes [haberdashery], fasteners, pins, other than jewellery, needles, sewing needles, needles for sewing machines, lacing needles, needles for knitting and embroidery, boxes for needles, needle cushions, artificial flowers, artificial fruits, hair pins, hair buckles, hair bands, decorative articles for the hair, not made of precious metal, wigs, hair extensions, electric or non-electric hair curlers, other than hand implements, carpets, rugs, mats, prayer rugs, linoleum, artificial turf, linoleum for covering floors, gymnasium mats, wallpaper, wall hangings not of textile, games and toys, arcade video game machines, game apparatus and machines for use with an external display screen and monitor, coin-operated, toys for animals, toys for outdoor playgrounds, parks and game parks, gymnastic and sporting articles, fishing tackle, artificial fishing bait, decoys for hunting and fishing, artificial Christmas trees, ornaments for Christmas trees, artificial snow for Christmas trees, rattles (playthings), novelties for parties, novelty toys for playing jokes and for parties, paper party hats, meat, fish, poultry and game, processed meat products, dried pulses, soups, bouillon, processed olives, olive paste, milks of

animal origin, milks of herbal origin, milk products, butter, edible oils, dried, preserved, frozen, cooked, smoked or salted fruits and vegetables, tomato paste, prepared nuts and dried fruits as snacks, hazelnut spreads and peanut butter, tahini (sesame seed paste), eggs and powdered eggs, potato chips, coffee, cocoa, coffee or cocoa based beverages, chocolate based beverages, pasta, stuffed dumplings, noodles, pastries and bakery products based on flour, desserts based on flour and chocolate, bread, simit [Turkish ring-shaped bagel covered with sesame seeds], poğaça [Turkish bagel], pita, sandwiches, katmer [Turkish pastry], pies, cakes, baklava [Turkish dessert based on dough coated with syrup], kadayıf [Turkish dessert based on dough], desserts based on dough coated with syrup, puddings, custard, kazandibi [Turkish pudding], rice pudding, keşkül [Turkish pudding], honey, bee glue for human consumption, propolis for food purposes, condiments for foodstuff, vanilla (flavoring), spices, sauces (condiments), tomato sauce, yeast, baking powder, flour, semolina, starch for food, sugar, cube sugar, powdered sugar, tea, iced tea, confectionery, chocolate, biscuits, crackers, wafers, chewing gums, ice-cream, edible ices, salt, cereal-based snack food, popcorn, crushed oats, corn chips, breakfast cereals, processed wheat for human consumption, crushed barley for human consumption, processed oats for human consumption, processed rye for human consumption, rice, molasses for food, agricultural and horticultural products, seeds,

forestry products, live animals, fertilized eggs for hatching, plants, dried plants for decoration, fresh garden herbs, dried garden herbs for decoration, animal foodstuffs, malt not for human consumption, underlays for pets, cat litters, beers, preparations for making beer, mineral water, spring water, table water, soda water, fruit juices and vegetable juices [beverages], fruit and vegetable concentrates for making beverages and non-alcoholic fruit extracts for making beverages, soft drinks, energy drinks, protein-enriched sports beverages, alcoholic beverages (except beers), wines, raki [traditional Turkish alcoholic drink], whisky, liqueurs, alcoholic cocktails, tobacco, chewing tobacco, cigarettes, cigars, smokers' articles, made of precious metals: pipes, mouthpieces for cigars and cigarettes, ashtrays, tobacco boxes, pocket apparatus for rolling cigarettes, cigarette paper, tobacco pipes, firestones, lighters for smokers, electronic cigarettes and their cartridges, matches, enabling customers to conveniently view and purchase those goods, such services may be provided by retail stores, wholesale outlets, by means of electronic media or through mail order catalogues.

Class 42. Scientific and industrial analysis and research services; engineering; engineering and architectural design services; testing services for the certification of quality and standards; computer services, namely, computer programming, computer virus protection services, computer system

design, creating, maintaining and updating websites for others, computer software design, updating and rental of computer software, providing search engines for the internet, hosting websites, consultancy in the design and development of computer hardware, rental of computer hardware; industrial design services, other than engineering, computer and architectural design; graphic arts designing; authenticating works of art.

- Class 45. Legal services, legal consultancy in the fields of intellectual and industrial property rights; security services for the physical protection of property and individuals; marriage agencies; funeral services; clothing rental; fire-fighting services; escorting in society (chaperoning); consultancy relating to workplace safety; social networking services.

TRT GENEL MÜDÜRLÜĞÜ, DUMLUPINAR MAH., TURAN GÜNEŞ BLV. 199 B, ÇANKAYA, ANKARA, Türkiye

Representative: Mercan Sandıkçı,  
DUMLUPINAR MAH.,  
TURAN GÜNEŞ BLV. 199 B,  
ÇANKAYA, ANKARA,  
Türkiye

Class 18. Unworked or semi-worked leather and animal skins, imitations of leather, stout leather, leather used for linings; goods made of leather, imitations of leather or other materials, designed for carrying items, included in this class; bags, wallets, boxes and trunks made of leather or stout leather; keycases, trunks [luggage], suitcases; umbrellas; parasols; sun umbrellas; walking sticks; whips; harness; saddlery; stirrups; straps of leather (saddlery).

Class 28. Games and toys; arcade video game machines; game apparatus and machines for use with an external display screen and monitor, including those coin-operated; toys for animals; toys for outdoor playgrounds, parks and game parks; gymnastic and sporting articles not included in other classes; fishing tackle, artificial fishing bait, decoys for hunting and fishing; artificial Christmas trees, ornaments for Christmas trees, artificial snow for Christmas trees, rattles (playthings), novelties for parties, novelty toys for playing jokes and for parties, paper party hats.

Class 35. Advertising, marketing and public relations; organization of exhibitions and trade fairs for commercial or advertising purposes; development of advertising concepts; provision of an online marketplace for buyers and sellers of goods and services; office functions; secretarial services; arranging newspaper subscriptions for others; compilation of statistics; rental of office machines; systemization of information into computer databases; telephone answering for unavailable



subscribers, business management, business administration and business consultancy; accounting; commercial consultancy services; personnel recruitment, personnel placement, employment agencies, import-export agencies; temporary personnel placement services; auctioneering; the bringing together, for the benefit of others, of a variety of goods, namely, chemicals used in industry, science, photography, agriculture, horticulture and forestry, manures and soils, unprocessed artificial resins and unprocessed plastics, fire extinguishing compositions, adhesives not for medical, household and stationery purposes, paints, varnishes, lacquers, preservatives against rust, preservatives against deterioration of wood, thinners and binders for paints, pigments, preservatives for metals, shoe dyes, printing dyes and ink, toners, colorants for food, pharmaceuticals and beverages, raw natural resins, metals in foil and powder form for painters, decorators, printers and artists, bleaching and cleaning preparations, detergents other than for use in manufacturing operations and for medical purposes, laundry bleach, fabric softeners for laundry use, stain removers, dishwasher detergents, perfumery, non-medicated cosmetics, fragrances, deodorants for personal use and animals, soaps, dental care preparations, dentifrices, denture polishes, tooth whitening preparations, mouth washes, not for medical purposes, abrasive preparations, emery cloth,

sandpaper, pumice stone, abrasive pastes, polishing preparations for leather, vinyl, metal and wood, polishes and creams for leather, vinyl, metal and wood, wax for polishing, industrial oils and greases, cutting fluids, dust absorbing, wetting and binding compositions, solid fuels: coal, firewood, liquid and gas fuels, petrol, diesel oil, liquified petroleum gas, natural gas, fuel oil and their non-chemical additives, candles, wicks, semi-finished wax, wax and paraffin for lighting purposes, electrical energy, pharmaceutical and veterinary preparations for medical purposes, chemical preparations for medical and veterinary purposes, chemical reagents for pharmaceutical and veterinary purposes, medicated cosmetics, dietary supplements for pharmaceutical and veterinary purposes, dietary supplements, nutritional supplements, medical preparations for slimming purposes, food for babies, herbs and herbal beverages adapted for medicinal purposes, dental preparations and articles: teeth filling material, dental impression material, dental adhesives and material for repairing teeth, sanitary preparations for medical use: hygienic pads, hygienic tampons, plasters, materials for dressings, diapers made of paper and textiles for babies, adults and pets, preparations for destroying vermin, herbicides, fungicides, preparations for destroying rodents, deodorants, other than for human beings or for animals, air purifying preparations, air deodorising preparations, disinfectants,

antiseptics, detergents for medical purposes, medicated soaps, disinfectant soaps, antibacterial hand lotions, ores of non-precious metal, common metals and their alloys and semi-finished products made of these materials, irons for construction, mats and stirrups of common metals for buildings, common metals in the form of plate, billet, stick, profile, sheet and sheeting, goods and materials of common metal used for storage, wrapping, packaging and sheltering purposes, containers of metal (storage, transport), buildings of metal, frames of metal for building, poles of metal for building, metal boxes, packaging containers of metal, aluminium foil, fences made of metal, guard barriers of metal, metal tubes, storage containers of metal, metal containers for the transportation of goods, ladders of metal, goods of common metal for filtering and sifting purposes, doors, windows, shutters, jalousies and their cases and fittings of metal, non-electric cables and wires of metal, ironmongery, small hardware of metal, screws of metal, nails, bolts of metal, nuts of metal, pegs of metal, flakes of metal, pitons of metal, metal chains, furniture casters of metal, fittings of metal for furniture, industrial metal wheels, door handles of metal, window handles of metal, hinges of metal, metal latches, metal locks, metal keys for locks, metal rings for carrying keys, metal pulleys, ventilation ducts, vents, vent covers, pipes, chimney caps, manhole covers, grilles of metal for ventilation, heating, sewage, telephone, underground

electricity and air conditioning installations, metal panels or boards (non-luminous and non-mechanical) used for signalling, route showing, publicity purposes, signboards of metal, advertisement columns of metal, signaling panels of metal, non-luminous and non-mechanical traffic signs of metal, pipes of metal for transportation of liquids and gas, drilling pipes of metal and their metal fittings, valves of metal, couplings of metal for pipes, elbows of metal for pipes, clips of metal for pipes, connectors of metal for pipes, safes (strong boxes) of metal, metal railway materials, metal rails, metal railway ties, railway switches, bollards of metal, floating docks of metal, mooring buoys of metal, anchors, metal moulds for casting, other than machine parts, works of art made of common metals or their alloys, trophies of common metal, metal closures, bottle caps of metal, metal poles, metal pillars, scaffolding of metal, metal stakes, metal towers, metal pallets and metal ropes for lifting, loading and transportation purposes, metal hangers, ties, straps, tapes and bands used for load-lifting and load-carrying, wheel chocks made primarily of metal, metal profile laths for vehicles for the purposes of decoration, machines, machine tools and industrial robots for processing and shaping wood, metals, glass, plastics and minerals, 3D printers, construction machines and robotic mechanisms (machines) for use in construction: bulldozers, diggers (machines),

excavators, road construction and road paving machines, drilling machines, rock drilling machines, road sweeping machines, lifting, loading and transmission machines and robotic mechanisms (machines) for lifting, loading and transmission purposes: elevators, escalators and cranes, machines and robotic mechanisms (machines) for use in agriculture and animal breeding, machines and robotic mechanisms (machines) for processing cereals, fruits, vegetables and food, machines for preparing and processing beverages, engines and motors, other than for land vehicles, parts and fittings therefor: hydraulic and pneumatic controls for engines and motors, brakes other than for vehicles, brake linings for engines, crankshafts, gearboxes, other than for land vehicles, cylinders for engines, pistons for engines, turbines, not for land vehicles, filters for engines and motors, oil, air and fuel filters for land vehicle engines, exhausts for land vehicle engines, exhaust manifolds for land vehicle engines, engine cylinders for land vehicles, engine cylinder heads for land vehicles, pistons for land vehicle engines, carburetors for land vehicles, fuel conversion apparatus for land vehicle engines, injectors for land vehicle engines, fuel economisers for land vehicle engines, pumps for land vehicle engines, valves for land vehicle engines, starter motors for land vehicles, dynamos for land vehicle engines, sparking plugs for land vehicle engines, bearings (parts of machines),

roller or ball bearings, machines for mounting and detaching tires, alternators, current generators, electric generators, current generators operated with solar energy, painting machines, automatic spray guns for paint, electric, hydraulic and pneumatic punching machines and guns, electric adhesive tape dispensers [machines], electric guns for compressed gas or liquid spraying machines, electric hand drills, electric hand saws, electric jigsaw machines, spiral machines, compressed air machines, compressors (machines), vehicle washing installations, industrial robots with the abovementioned functions, electric and gas-operated welding apparatus, electric arc welding apparatus, electric soldering apparatus, electric arc cutting apparatus, electrodes for welding machines, industrial robots (machines) with the abovementioned functions, printing machines, packaging machines, filling, plugging and sealing machines, labellers (machines), sorting machines, industrial robots (machines) with the abovementioned functions, electric packing machines for plugging and sealing of plastics, machines for textile processing, sewing machines, industrial robots (machines) with the abovementioned functions, pumps other than parts of machines or engines, fuel dispensing pumps for service stations, self-regulating fuel pumps, electric kitchen machines for chopping, grinding, crushing, mixing and mincing foodstuff, washing machines, laundry washing machines, dishwashers, spin driers (not heated), electric cleaning

machines for cleaning floors, carpets or floorings, vacuum cleaners and parts thereof, automatic vending machines, galvanizing and electroplating machines, electric door openers and closers, gaskets for engines and motors, forks, spoons, knives and non-electric cutters, slicers, peelers for kitchen use, made of precious metals, side arms and blades (weapons), tools and apparatus for personal beauty care use: tools and apparatus for shaving, depilation, manicure and pedicure, electric hand implements for straightening and curling hair, scissors, hand-operated [non-electric] hand tools for the repair of machines, apparatus and vehicles and for use in construction, agriculture, horticulture and forestry, none of them being power tools, electric or non-electric irons, steam irons, handles for hand-operated hand tools, measurement apparatus and equipment for scientific, nautical, topographic, meteorologic, industrial and laboratory purposes, thermometers, not for medical purposes, barometers, ammeters, voltmeters, hygrometers, testing apparatus not for medical purposes, telescopes, periscopes, directional compasses, speed indicators, laboratory apparatus, microscopes, magnifying glasses, stills, binoculars, ovens and furnaces for laboratory experiments, apparatus for recording, transmission or reproduction of sound or images, cameras, photographic cameras, television apparatus, video recorders, CD and DVD players and recorders, MP3 players, computers, desktop

computers, tablet computers, wearable technological devices (smart watches, wristbands, head-mounted devices) microphones, loudspeakers, earphones, telecommunications apparatus, apparatus for the reproduction of sound or images, computer peripheral devices, cell phones, covers for cell phones, telephone apparatus, computer printers, scanners [data processing equipment], photocopiers, magnetic and optical data carriers and computer software and programmes recorded thereto, downloadable and recordable electronic publications, encoded magnetic and optical cards, movies, tv series and video music clips recorded on magnetic, optical and electronic media, antennas, satellite antennas, amplifiers for antennas, parts of the aforementioned goods, electronic ticket dispensing terminals, automatic teller machines (ATM), electronic components used in the electronic parts of machines and apparatus: semi-conductors, electronic circuits, integrated circuits, chips [integrated circuits], diodes, transistors [electronic], magnetic heads for electronic apparatus, electronic locks, photocells, remote control apparatus for opening and closing doors, optical sensors, counters and quantity indicators for measuring the quantity of consumption, automatic time switches, clothing for protection against accidents, irradiation and fire, safety vests and life-saving apparatus and equipment, eyeglasses, sunglasses, optical lenses and cases, containers, parts and

components thereof, apparatus and instruments for conducting, transforming, accumulating or controlling electricity, electric plugs, junction boxes [electricity], electric switches, circuit breakers, fuses, lighting ballasts, battery starter cables, electrical circuit boards, electric resistances, electric sockets, transformers [electricity], electrical adapters, battery chargers, electric door bells, electric and electronic cables, batteries, electric accumulators, solar panels for production of electricity, alarms and anti-theft alarms, other than for vehicles, electric bells, signalling apparatus and instruments, luminous or mechanical signs for traffic use, fire extinguishing apparatus, fire engines, fire hose and fire hose nozzles, radar apparatus, sonars, night vision apparatus and instruments, decorative magnets, metronomes, surgical, medical, dental and veterinary apparatus and instruments, furniture especially made for medical purposes, artificial limbs and prostheses, medical orthopaedic articles: corsets for medical purposes, orthopaedic shoes, elastic bandages and supportive bandages, surgical gowns and surgical sterile sheets, adult sexual aids, condoms, babies' bottles, babies' pacifiers, teats, gum massagers for babies, bracelets and rings for medical purposes, anti-rheumatism bracelets, anti-rheumatism rings, lighting installations, lights for vehicles and interior-exterior spaces, heating installations using solid, liquid or gas fuels or electricity: central heating boilers, boilers for

heating installations, radiators [heating], heat exchangers, not parts of machines, stoves, kitchen stoves, solar thermal collectors [heating], steam, gas and fog generators: steam boilers, other than parts of machines, acetylene generators, oxygen generators, nitrogen generators, installations for air-conditioning and ventilating, cooling installations and freezers, electric and gas-powered devices, installations and apparatus for cooking, drying and boiling: cookers, electric cooking pots, electric water heaters, barbecues, electric laundry driers, hair driers, hand drying apparatus, sanitary installations: taps [faucets], shower installations, toilets [water-closets], shower and bathing cubicles, bath tubs, toilet seats, sinks, wash-hand basins [parts of sanitary installations], washers for water taps, stuffings (tap valves), water softening apparatus, water purification apparatus, water purification installations, waste water purification installations, electric bed warmers and electric blankets, not for medical use, electric pillow warmers, electric or non-electric footwarmers, hot water bottles, electrically heated socks, filters for aquariums and aquarium filtration apparatus, industrial type installations for cooking, drying and cooling purposes, pasteurizers and sterilizers, motor land vehicles, motorcycles, mopeds, engines and motors for land vehicles, clutches for land vehicles, transmissions, transmission belts and transmission chains for land vehicles, gearing for land

vehicles, brakes, brake discs and brake linings for land vehicles, vehicle chassis, automobile bonnets, vehicle suspension springs, shock absorbers for automobiles, gearboxes for land vehicles, steering wheels for vehicles, rims for vehicle wheels, bicycles and their bodies, handlebars and mudguards for bicycles, vehicle bodies, tipping bodies for trucks, trailers for tractors, frigorific bodies for land vehicles, trailer hitches for vehicles, vehicle seats, head-rests for vehicle seats, safety seats for children, for vehicles, seat covers for vehicles, vehicle covers (shaped), sun-blinds adapted for vehicles, direction signals and arms for direction signals for vehicles, windscreen wipers and wiper arms for vehicles, inner tubes and tires for vehicle wheels, tubeless tires, tire-fixing sets comprised of tire patches and tire valves for vehicles, windows for vehicles, safety windows for vehicles, rearview mirrors and wing mirrors for vehicles, anti-skid chains for vehicles, luggage carriers for vehicles, bicycle and ski carriers for cars, saddles for bicycles or motorcycles, air pumps for vehicles, for inflating tires, anti-theft alarms for vehicles, horns for vehicles, safety belts for vehicle seats, air bags (safety devices for automobiles), baby carriages, wheelchairs, pushchairs, wheelbarrows, shopping carts, single or multi-wheeled wheelbarrows, shopping trolleys, grocery carts, handling carts, rail vehicles, locomotives, trains, trams, waggons, cable cars, chairlifts, vehicles for locomotion by water and their parts, other than their

motors and engines, vehicles for locomotion by air and their parts, other than their motors and engines, firearms, air pistols (weapons), spring-loaded firearms, adapted cases and shoulder straps therefor, heavy weapons, mortars and rockets, fireworks, sprays for personal defence purposes, jewellery, imitation jewellery, gold, precious stones and jewellery made thereof, cufflinks, tie pins, statuettes and figurines of precious metal, clocks, watches and chronometrical instruments, chronometers and their parts, watch straps, trophies made of precious metal, rosaries, musical instruments and cases for musical instruments, paper and cardboard, paper and cardboard for packaging and wrapping purposes, cardboard boxes, paper towels, toilet paper, paper napkins, plastic materials for packaging and wrapping purposes, printing blocks and types, bookbinding material, printed publications, printed matter, books, magazines, newspapers, bill books, printed dispatch notes, printed vouchers, calendars, posters, photographs [printed], paintings, stickers [stationery], postage stamps, stationery, office stationery, instructional and teaching material [except furniture and apparatus], writing and drawing implements, artists' materials, paper products for stationery purposes, adhesives for stationery purposes, pens, pencils, erasers, adhesive tapes for stationery purposes, cardboard cartons [artists' materials], writing paper, copying paper, paper rolls for cash registers, drawing materials, chalkboards,

painting pencils, watercolors [paintings], office requisites, paint rollers and paintbrushes for painting, rubber, gutta-percha, gum, asbestos, mica and semi-finished synthetic goods made from these materials in the form of powder, bars, panels and foils, insulation, stopping and sealing materials: insulating paints, insulating fabrics, insulating tape and band, insulation covers for industrial machinery, joint sealant compounds for joints, gaskets, O-rings for sealing purposes (other than gaskets for motors, cylinders and washer for water taps), flexible pipes made from rubber and plastic, hoses made of plastic and rubber for vehicles, junctions for pipes of plastic and rubber, pipe jackets of plastic and rubber, hoses of textile material, junctions for pipes, not of metal, pipe jackets, not of metal, connecting hose for vehicle radiators, profile laths made of synthetic materials for vehicles for the purposes of decoration, unworked or semi-worked leather and animal skins, imitations of leather, stout leather, leather used for linings, goods made of leather, imitations of leather or other materials, designed for carrying items, bags, wallets, boxes and trunks made of leather or stout leather, keycases, trunks [luggage], suitcases, umbrellas, parasols, sun umbrellas, walking sticks, whips, harness, saddlery, stirrups, straps of leather (saddlery), sand, gravel, crushed stone, asphalt, bitumen, cement, gypsum, plaster, concrete, marble blocks for construction, building materials (as finished products) made of

concrete, gypsum, clay, potters' clay, stone, marble, wood, plastics and synthetic materials for building, construction, road construction purposes, non-metallic buildings, non-metallic building materials, poles, not of metal for power lines, barriers not of metal, natural and synthetic coverings in the form of panels and sheets, being building materials, bitumen cardboard for roofing, bitumen covering for roofing, doors and windows of wood and synthetic materials, traffic signs not of metal, non-luminous and non-mechanical, for roads, monuments and statuettes of stone, concrete and marble, building glass, prefabricated swimming pools not of metal (structures), aquarium sand, furniture, made of any kind of material, mattresses, pillows, air mattresses and cushions, not for medical purposes, water beds, mirrors, beehives, artificial honeycombs and sections of wood for honeycombs, bouncing chairs for babies, playpens for babies, cradles, infant walkers, display boards, frames for pictures and paintings, identity plates, identification bracelets, name plates, identification tags, made of wood or synthetic materials, packaging containers of wood or plastics, casks for use in transportation or storage, barrels, storage drums, tanks, boxes, storage containers, transportation containers, chests, loading pallets and closures for the aforementioned goods, of wood or plastics, small hardware goods of wood or synthetic materials, furniture fittings, of wood or synthetic

materials, opening and closing mechanisms of wood or synthetic materials, ornaments and decorative goods of wood, cork, reed, cane, wicker, horn, bone, ivory, whalebone, shell, amber, mother-of-pearl, meerschaum, beeswax, plastic or plaster namely figurines, holiday ornaments for walls, sculptures, trophies, baskets, not of metal, fishing baskets, kennels, nesting boxes and beds for household pets, portable ladders and mobile boarding stairs of wood or synthetic materials, bamboo curtains, roller indoor blinds [for interiors], slatted indoor blinds, vertical indoor blinds, bead curtains for decoration, curtain hooks, curtain rings, curtain tie-backs, curtain rods, non-metal wheel chocks, hand-operated non-electric cleaning instruments and appliances: brushes, except paintbrushes, steel chips for cleaning, sponges for cleaning, steel wool for cleaning, cloths of textile for cleaning, gloves for dishwashing, non-electric polishing machines for household purposes, brooms for carpets, mops, toothbrushes, electric toothbrushes, dental floss, shaving brushes, hair brushes, combs, non-electric household or kitchen utensils, [other than forks, knives, spoons], services [dishes], pots and pans, bottle openers, flower pots, drinking straws, non-electric cooking utensils, ironing boards and shaped covers therefor, drying racks for washing, clothes drying hangers, cages for household pets, indoor aquariums, vivariums and indoor terrariums for animals and plant cultivation, ornaments

and decorative goods of glass, porcelain, earthenware or clay namely statues, figurines, vases and trophies, mouse traps, insect traps, electric devices for attracting and killing flies and insects, fly catchers, fly swatters, perfume burners, perfume sprayers, perfume vaporizers, electric or non-electric make-up removing appliances, powder puffs, toilet cases, nozzles for sprinkler hose, nozzles for watering cans, watering devices, garden watering cans, unworked or semi-worked glass, except building glass, mosaics of glass and powdered glass for decoration, except for building, glass wool other than for insulation or textile use, ropes, strings, rope ladders, hammocks, fishing nets, tents, awnings, tarpaulins, sails, vehicle covers, not fitted, bags of textile, for packaging, padding and stuffing materials, except of rubber and plastics, wool and cotton, synthetic fibers for textile use, raw spun fiber, glass fibers for textile use, yarns and threads for textile use, threads and yarns for sewing, embroidery and knitting, thread, elastic yarns and threads for textile use, woven or non-woven textile fabrics, textile goods for household use, curtains, bed covers, sheets (textile), pillowcases, blankets, quilts, towels, flags, pennants, labels of textile, swaddling blankets, sleeping bags for camping, clothing, underwear and outerclothing, other than special purpose protective clothing, socks, mufflers [clothing], shawls, bandanas, scarves, belts [clothing], footwear, shoes, slippers, sandals, headgear, hats, caps with visors, berets,

caps [headwear], skull caps, laces and embroidery, guipure lace, festoons, ribbons (haberdashery), ribbons and braid, reinforcing tapes for clothing, cords for clothing, letters and numerals for marking linen, embroidered emblems, badges for wear, not of precious metal, shoulder pads for clothing, buttons for clothing, fastenings for clothing, eyelets for clothing, zippers, buckles for shoes and belts, rivet buttons, adhesive tapes [haberdashery], fasteners, pins, other than jewellery, needles, sewing needles, needles for sewing machines, lacing needles, needles for knitting and embroidery, boxes for needles, needle cushions, artificial flowers, artificial fruits, hair pins, hair buckles, hair bands, decorative articles for the hair, not made of precious metal, wigs, hair extensions, electric or non-electric hair curlers, other than hand implements, carpets, rugs, mats, prayer rugs, linoleum, artificial turf, linoleum for covering floors, gymnasium mats, wallpaper, wall hangings not of textile, games and toys, arcade video game machines, game apparatus and machines for use with an external display screen and monitor, coin-operated, toys for animals, toys for outdoor playgrounds, parks and game parks, gymnastic and sporting articles, fishing tackle, artificial fishing bait, decoys for hunting and fishing, artificial Christmas trees, ornaments for Christmas trees, artificial snow for Christmas trees, rattles (playthings), novelties for parties, novelty toys for playing jokes and for parties,

paper party hats, meat, fish, poultry and game, processed meat products, dried pulses, soups, bouillon, processed olives, olive paste, milks of animal origin, milks of herbal origin, milk products, butter, edible oils, dried, preserved, frozen, cooked, smoked or salted fruits and vegetables, tomato paste, prepared nuts and dried fruits as snacks, hazelnut spreads and peanut butter, tahini (sesame seed paste), eggs and powdered eggs, potato chips, coffee, cocoa, coffee or cocoa based beverages, chocolate based beverages, pasta, stuffed dumplings, noodles, pastries and bakery products based on flour, desserts based on flour and chocolate, bread, simit [Turkish ring-shaped bagel covered with sesame seeds], poğaça [Turkish bagel], pita, sandwiches, katmer [Turkish pastry], pies, cakes, baklava [Turkish dessert based on dough coated with syrup], kadayıf [Turkish dessert based on dough], desserts based on dough coated with syrup, puddings, custard, kazandibi [Turkish pudding], rice pudding, keşkül [Turkish pudding], honey, bee glue for human consumption, propolis for food purposes, condiments for foodstuff, vanilla (flavoring), spices, sauces (condiments), tomato sauce, yeast, baking powder, flour, semolina, starch for food, sugar, cube sugar, powdered sugar, tea, iced tea, confectionery, chocolate, biscuits, crackers, wafers, chewing gums, ice-cream, edible ices, salt, cereal-based snack food, popcorn, crushed oats, corn chips, breakfast cereals, processed wheat for human consumption, crushed barley for human consumption, processed oats

for human consumption, processed rye for human consumption, rice, molasses for food, agricultural and horticultural products, seeds, forestry products, live animals, fertilized eggs for hatching, plants, dried plants for decoration, fresh garden herbs, dried garden herbs for decoration, animal foodstuffs, malt not for human consumption, underlays for pets, cat litters, beers, preparations for making beer, mineral water, spring water, table water, soda water, fruit juices and vegetable juices [beverages], fruit and vegetable concentrates for making beverages and non-alcoholic fruit extracts for making beverages, soft drinks, energy drinks, protein-enriched sports beverages, alcoholic beverages (except beers), wines, raki [traditional Turkish alcoholic drink], whisky, liqueurs, alcoholic cocktails, tobacco, chewing tobacco, cigarettes, cigars, smokers' articles, made of precious metals: pipes, mouthpieces for cigars and cigarettes, ashtrays, tobacco boxes, pocket apparatus for rolling cigarettes, cigarette paper, tobacco pipes, firestones, lighters for smokers, electronic cigarettes and their cartridges, matches, enabling customers to conveniently view and purchase those goods, such services may be provided by retail stores, wholesale outlets, by means of electronic media or through mail order catalogues.

Class 42. Scientific and industrial analysis and research services; engineering; engineering and architectural design services; testing services for the certification

of quality and standards; computer services, namely, computer programming, computer virus protection services, computer system design, creating, maintaining and updating websites for others, computer software design, updating and rental of computer software, providing search engines for the internet, hosting websites, consultancy in the design and development of computer hardware, rental of computer hardware; industrial design services, other than engineering, computer and architectural design; graphic arts designing; authenticating works of art.

Class 45. Legal services, legal consultancy in the fields of intellectual and industrial property rights; security services for the physical protection of property and individuals; marriage agencies; funeral services; clothing rental; fire-fighting services; escorting in society (chaperoning); consultancy relating to workplace safety; social networking services.

TRT GENEL MÜDÜRLÜĞÜ, DUMLUPINAR MAH., TURAN GÜNEŞ BLV. 199 B, ÇANKAYA, ANKARA, Türkiye

Representative: Mercan Sandıkçı,  
DUMLUPINAR MAH.,  
TURAN GÜNEŞ BLV. 199 B,  
ÇANKAYA, ANKARA,  
Türkiye

# BREDGE

1890670 25/09/2025

- Class 7. Semiconductor manufacturing machines and their component parts and fittings; ultrasonic cleaning apparatus for semiconductor manufacturing; ultrasonic cleaning instruments for industrial use.
- Class 37. Installation of semiconductor manufacturing machines; repair or maintenance of semiconductor manufacturing machines and systems.

Priority Date Claimed: 02 September 2025 Japan  
KOKUSAI ELECTRIC CORPORATION, 3-4,  
Kanda Kaji-cho, Chiyoda-ku, Tokyo 101-0045,  
Japan

Colour Claimed: Blue.

Representative: Dai-ichi International Patent  
Office, P.C., 8-2, Kanda-  
sudacho 2-chome, Chiyoda-ku,  
Tokyo 101-0041, Japan

---

## JUVELOOK Glam

1891051 25/08/2025

- Class 3. Air fragrancing preparations; make-up; bath and shower gels; pre-moistened cleansing tissues; body and beauty care cosmetics; baby oil; cosmetics containing vitamin; colour cosmetics; sun block

[cosmetics]; toiletry preparations; detergent soap; hand cleansers; cosmetic preparations for skin care; cosmetics for animals; essential oils; nourishing cream (cosmetics); anti-wrinkle creams; cosmetics using natural substances; toothpaste; make-up for the face and body; hand cream; hair shampoo; mask pack for cosmetic purposes; pre-moistened cosmetic tissues; serums for cosmetic purposes; anti-wrinkle creams for cosmetic use; cosmetics.

- Class 5. Deodorizing preparations for household use; pharmaceutical preparations for health care; injectable pharmaceuticals for treatment of anaphylactic reactions; preparations for the treatment of muscle fatigue; medicine cases, portable, filled; protein dietary supplements; dietary supplements consisting of minerals; dietary supplements with a cosmetic effect; nutraceuticals for use as a dietary supplement; filled syringes for medical purposes [containing pharmaceuticals]; medical and surgical plasters; pre-filled syringes for medical purposes; skin care lotions [medicated]; adhesive skin patches for medical use; medicinal healthcare preparations; disposable sanitizing wipes; injectable dermal fillers; skin hydrators being injectable dermal fillers; dermatological pharmaceutical products; pharmaceutical preparations for skin care.

- Class 10. LED facial aesthetic treatment apparatus; medical skin enhancement apparatus using lasers; massaging apparatus for personal use; multishot needle syringes; disposable sanitary masks for

protection against viral infection; injection device for pharmaceuticals; apparatus for administering pharmaceuticals; artificial skin for surgical purposes; disposable hypodermic syringes for surgical use; medical instruments; medical apparatus and instruments; high-frequency skin care equipment for medical purpose; microdermabrasion apparatus for medical or therapeutic purposes; medical laser skin care equipment; protective face masks for medical use; low frequency skin esthetic apparatus for medical purposes; syringes for medical purposes; medical syringe needles; ultrashort wave esthetic apparatus for medical purposes; medical esthetic machine for skin massage; disposable syringes; medical skin esthetic apparatus with electrical stimulation; injection needles; ultrasonic facial aesthetic treatment apparatus; percutaneous insertion kits consisting primarily of catheters, needles for medical purposes, medical guidewires and surgical drapes; lasers for skin treatment; portable electric massaging apparatus.

Class 35. Retail store services in relation to detergents for household use; advertising, marketing and publicity services; retail store services in relation to massaging apparatus for personal use; retail store services in relation to make-up; retail store services in relation to cosmetic preparations for the hair and scalp; retail store services in relation to physical therapy devices; retail store services in relation to surgical and wound treating equipment; import-

export agency services; retail store services in relation to skin care preparations; retail store services in relation to nutraceuticals for use as a dietary supplement; retail store services in relation to medical apparatus and instruments; retail store services in relation to protective mouth masks for medical use; retail store services to testing instruments for medical diagnostic purposes; promoting the goods and services by means of operating an on-line comprehensive shopping mall with links to the retail web sites of others; business intermediary services relating to mail order by telecommunications; retail store services in relation to orthopaedic articles; advertising services relating to cosmetics; providing consumer product information relating to cosmetics; retail store services in relation to cosmetics.

Priority Date Claimed: 01 August 2025 Republic of Korea

Priority Date Claimed: 01 August 2025 Republic of Korea

Priority Date Claimed: 01 August 2025 Republic of Korea

Priority Date Claimed: 01 August 2025 Republic of Korea

VAIM Co.,Ltd., 30, Techno 1-ro, Yuseong-gu, Daejeon, Republic of Korea

Representative: KIYUL IP LAW FIRM, RM 404, 77-1, Yeouinaru-ro, Yeongdeungpo-gu, Seoul, Republic of Korea

**MYAORTIC****1891111** 27/10/2025

Class 35. Medical assistance support services for physicians and healthcare professionals in the field of aortic medicine, namely, providing medical billing support services, customer service management, business administration services in the field of healthcare, and business administration of patient reimbursement programs.

Class 42. Providing online non-downloadable software that enables physicians and healthcare professionals in the field of aortic medicine to search, view, and manage clinical support services, education and training services, customer support services, business care integration, and reimbursement assistance.

Class 44. Medical assistance support services for physicians and healthcare professionals in the field of aortic medicine, namely, providing medical counseling services to patients regarding treatment plans, providing information and medical counseling regarding medical procedures, and providing medical second opinion services for the diagnosis and treatment of medical conditions.

Cook Medical Technologies LLC, 750 Daniels Way,  
P.O. Box 2269, Bloomington IN 47402, United  
States of America

Representative: Vincent O. Wagner Woodard,  
Emhardt, Henry, Reeves &  
Wagner LLP, 111 Monument  
Circle, Suite 3700, Indianapolis  
IN 46204, United States of  
America

**1891148** 11/09/2025

Class 33. Aged wine spirit.

VINĂRIA-BARDAR S.A., întreprindere mixtă,  
fabrică de vinuri, Str. Uzinelor nr. 3, Bardar, MD-  
6811 Ialoveni, Republic of Moldova

Colour Claimed: White, black, pink, beige and  
gold.

Representative: Iulian E. Iorga, Maître, Şoseaua  
Hânceşti, 20, MD-2028  
Chişinău, Republic of Moldova



1901345 08/05/2025

Class 24. Printed cotton fabrics; woollen blanket; textile towel; children's blankets; sleeping bag for babies; sheets and pillowcases; baby blankets.

Li Dawei, No. 440 Fengyang Road, Xiangcheng District, Suzhou City, Jiangsu Province, China

Notings: Translation: Soft Fly.  
Transliteration: ROU FEI

candied nuts; flavored nuts; fish skin peanuts [flavored nuts]; honey-coated peanuts; odd taste bean [flavored broad beans]; processed edible seeds; baked nuts.

Shandong Chunwang Food Technology Co., Ltd., No.1, Chunwang Rd., Bancheng Industrial park, Lanshan Dist., Linyi City, Shandong, China

Colour Claimed: Red.

Notings: Translation: "CHUN" means "spring", "WANG" means "flourishing". The words contained in the mark have no meaning.

Transliteration: CHUN WANG

Representative: Beijing Hongshi Intellectual Property Consulting Co., Ltd, 217, 2nd Floor, Building 6, No.16 Junying Street, Shunyi District, Beijing, China



URBAN PUBS & BARS

1901448 21/11/2025



1901411 21/05/2025

Class 29. Nuts, prepared; peanuts, prepared; seeds, prepared;

Class 41. Entertainment services; sporting and cultural activities; providing recreation facilities; provision of facilities for music events; provision of facilities for sporting events; provision of facilities for film events; provision of pool tables; provision of snooker tables; provision of table tennis tables; provision of dart boards; providing amusement

arcade services; providing casino facilities [gambling]; organisation of sports competitions; nightclub services [entertainment]; provision of live entertainment and recorded entertainment; information, advisory and consultancy services relating to the aforesaid.

- Class 43. Services for providing food and drink; temporary accommodation; café services; food and drink catering; hotel accommodation services; restaurant services; public house, wine bar, bar, cocktail bar, restaurant, cafeteria and catering services; provision of facilities for conferences, weddings, meetings and social events; information, advisory and consultancy services relating to the aforesaid.

Priority Date Claimed: 22 May 2025 United Kingdom

Urban Pubs & Bars London Limited, 42 Brendon Street, London W1H 5HE, United Kingdom

Representative: Pennington Manches Cooper LLP, 125 Wood Street, London EC2V 7AW, United Kingdom

- Class 35. Matching cities and towns with academic professionals for assistance with project requests in the field of urban sustainability including city planning, economic development, sustainable urban transportation, architecture, energy efficiency, and water conservation; think tank services, namely, providing new ideas and concepts in the fields of promoting economic development and energy efficiency in urban areas.

- Class 39. Think tank services, namely, providing new ideas and concepts in the field of sustainable transportation in urban areas.

- Class 41. Educational services, namely, service learning programs for university students and faculty in the field of urban sustainability including city planning, economic development, sustainable urban transportation, architecture, energy efficiency, and water conservation.

- Class 42. Think tank services, namely, providing new ideas and concepts in the field of urban sustainability including urban planning and architecture; think tank services, namely, providing new ideas and concepts in the field of water conservation.

EPIC-Network Inc., 5936 Seminole Centre Court, Suite 105, Fitchburg WI 53711, United States of America

Representative: Nina Habib Borders REED SMITH LLP, P.O. Box 488, Pittsburgh PA 15230, United States of America



**OG KEBAB**

1902037 06/01/2026

Class 43. Services for providing food and drink; food preparation; fast-food restaurants; restaurant and café services; catering of food and drink; catering services; carry-out restaurants; restaurant services for the provision of fast food; take-away food and drink services; snack bar services; self-service restaurants.

Priority Date Claimed: 18 December 2025 United Kingdom

GDK International Limited, Westpoint House, 5 Redwood Place, East Kilbride, Glasgow G74 5PB, United Kingdom

Representative: Lincoln IP, 4 Rubislaw Place, Aberdeen AB10 1XN, United Kingdom

---

### International Trade Marks protected in the State

**1148455** (2554) Cl. 5  
NEOPHARMED GENTILI S.p.A. of Italy

**1219666** (2553) Cl. 6, 7  
RTC TEC BAĞLANTI ELEMANLARI  
SANAYİ VE TİCARET A.Ş. of Türkiye

**1470460** (2554) Cl. 2, 17, 37  
K.V.C CHOOSE CERAMIC PRO LTD of  
Cyprus

**1623068** (2554) Cl. 42  
Colony Labs, Inc. of United States of America

**1718533** (2553) Cl. 30  
Axel Dahm of Germany

**1812474** (2553) Cl. 16, 29, 30, 32, 35,  
43  
Guming Technology Group Co., Ltd. of China

**1820283** (2553) Cl. 17  
Luohe Letone Hydraulics Technology Co.,  
Ltd. of China

**1848376** (2554) Cl. 12  
Seres Auto Co., Ltd. of China

**1856907** (2554) Cl. 9, 25, 41, 42  
Curves International, Inc. of United States of  
America

**1865614** (2553) Cl. 9  
Guangzhou Aojie Science & Technology Co.,  
Ltd of China

**1865760** (2553) Cl. 16  
PAXXUS PTE. LTD. of Singapore

**1865978** (2553) Cl. 7, 11, 37, 39  
Zakrytoe aktsionernoe obshestvo «Atlant»  
(ATLANT Inc.) of Belarus

**1866225** (2553) Cl. 36  
Toccata, Inc. of United States of America

**1866332** (2553) Cl. 11  
BLAUBERG CYPRUS LTD of Cyprus

**1866333** (2553) Cl. 11  
BLAUBERG CYPRUS LTD of Cyprus

**1866442** (2553) Cl. 42  
Flatworld Solutions, Inc. of United States of  
America

**1866488** (2553) Cl. 5, 31  
Canimed Group Ltd of United Kingdom

**1866933** (2553) Cl. 42  
EverAI Labs Inc. of United States of America

**1867178** (2553) Cl. 24, 25  
Jiangsu Guowang High-Technique Fiber Co.,  
Ltd. of China

**1867288** (2553) Cl. 6, 7, 9, 11, 17, 37,  
42  
Madison IAQ LLC of United States of  
America

**1867449** (2553) Cl. 16, 41, 44  
The Boots Company PLC of United Kingdom

**1867679** (2553) Cl. 35  
Trinnovo Group Ltd of United Kingdom

**1867696** (2553) Cl. 3  
LOUIS VUITTON MALLETTIER of France

**1867841** (2553) Cl. 39  
TANGLE Inc. of Japan

**1868123** (2553) Cl. 34  
Shenzhen SKE Technology Co., Ltd. of China

**1868186** (2553) Cl. 36  
BizCap AU Pty Ltd of Australia

**1868318** (2553) Cl. 25  
Fujian Relyon Import and Export Co., Ltd. of China

**1868685** (2553) Cl. 1, 2, 17, 35  
AKCO KİMYA SANAYİ VE TİCARET ANONİM ŞİRKETİ of Türkiye

**1868803** (2553) Cl. 7, 9, 12, 38, 39, 42  
QUECTEL IOT TECHNOLOGIES PTE.LTD. of Singapore

**1868829** (2553) Cl. 33  
Semper idem Underberg AG of Germany

**1868947** (2553) Cl. 9  
Shenzhen Yizhita Technology Co., Ltd. of China

**1869145** (2553) Cl. 12  
Qingdao Genco Co., Ltd of China

**1869203** (2553) Cl. 6  
HYDRO BUILDING SYSTEMS BELGIUM NV of Belgium

**1869561** (2553) Cl. 25  
ESPADON LONDON LTD of United Kingdom

**1869668** (2553) Cl. 9  
Shenzhen Yizhita Technology Co., Ltd. of China

**1869759** (2553) Cl. 3  
LOUIS VUITTON MALLETTIER of France

**1869924** (2553) Cl. 12  
Shandong Huasheng Rubber Co., Ltd. of China

**1870024** (2554) Cl. 9, 35, 36  
Uhomes.com Tianjin Inc. of China

**1870026** (2554) Cl. 9, 35, 36  
Uhomes.com Tianjin Inc. of China

**1870099** (2554) Cl. 35, 39  
HİTİT BİLGİSAYAR HİZM.A.Ş. of Türkiye

**1870114** (2554) Cl. 10  
Armstrong Medical Limited of United Kingdom

**1870243** (2554) Cl. 29, 30  
YAKE (CHINA) CO., LTD. of China

**1870326** (2554) Cl. 41, 42  
The Autonomous Cluster Fund «Park of Innovative Technologies» of Kazakhstan

### **Cancellations effected for the following goods/services under the Madrid protocol**

**1503937** GBT  
Cancellation in respect of all goods and services registered at WIPO on 27/01/2026.