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Cuid I
Paitinní agus Dearachtaí

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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 the following date:

Thursday 1st January 2026

Applications for Patents

From 28/11/2025 to 11/12/2025

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.

ALFIE MCCAFFREY “A System and Method for Personalised Regenerative Oncology Using Ex Vivo–Cultivated Tissue Constructs” 05 December 2025 **S20250550**

ANA MARIA STOICA Dual Pad Paediatric Therapeutic Device Delivering Light and Sound Waves, Optionally Integrated into Clothing 28 November 2025 **S20250543**

BARRY TODD Bracket System for Mounting Economy Shelving to Linear Guide Rails 06 December 2025 **S20250552**

BENJAMIN DOV KATRIEL BRAILLE READER 11 December 2025 **S20250560**

BRIAN O'KEEFFE Circular Bulls-Eye Bubble Level Pitch Meter for C - Cup Rowing Riggers 06 December 2025 **S20250556**

CAPRI MEDICAL LIMITED AN IMPLANTABLE NEUROSTIMULATION DEVICE 02 December 2025 **20250546**

CHARLES HORKAN Adaptive Voice-Assisted Context Completion System for Real-Time Golf Shot Advice 02 December 2025 **S20250547**

CIARAN COOKE Apparatus for Resonant Coupling to Vacuum Energy Density via Harmonic Impedance Matching 09 December 2025 **20250557**

CIARAN COOKE Method and Apparatus for Suppression of Crystal Lattice Defects via Active Thermodynamic Stabilisation 09 December 2025 **20250558**

CIARAN COOKE System for Low-Attenuation Information Transfer via Longitudinal Vacuum Impedance Modulation 09 December 2025 **20250559**

CIARAN COOKE Method and Apparatus for Resonant Stabilisation of Oscillators and Quantum Systems via Non-Linear Harmonic Frequency Locking 06 December 2025 **20250553**

CIIMBIO (SUZHOU) CO., LTD. PREPARATION METHOD OF CONGER EEL COLLAGEN PEPTIDE AND USE THEREOF IN IMPROVING SKIN HEALTH 11 December 2025 **S20250561**

GRANT LEECH; JOHN HEFFERNAN; SHAYNE HEFFERNAN System and Method for Generating Identity-Verified Operational Records Using vLEI-Authenticated Actors Anchored to a Blockchain Ledger. 01 December 2025 **S20250544**

HUSSEIN RASHAD ABDELGHANY HASSAN TWO-PART PERACETIC ACID DISINFECTION SYSTEM WITH ENHANCED CORROSION PROTECTION AND BIOFILM PENETRATION FOR MEDICAL AND INDUSTRIAL APPLICATIONS 03 December 2025	S20250548
HUSSEIN RASHAD ABDELGHANY HASSAN Two-Component Hospital Disinfection System Based on In-Situ Peracetic Acid Generation 03 December 2025	S20250549
PAUL MADDEN System and Method for Predicting Business Health Using Automated Analysis of Hyperlocal Community Signals 08 December 2025	S20250554
RICHARD MCHUGH System and Method for Performance-Based Conditional Token Valuation and Prize Distribution 05 December 2025	S20250551
SHANDONG UNIVERSITY OF TRADITIONAL CHINESE MEDICINE APPLICATION OF SALVIANOLIC ACID A IN PREPARATION OF ANTI- VASCULAR AGING PRODUCTS 08 December 2025 [China-30 April 2025]	S20250555
STELOR EVOLUTION LTD Adaptive Quantum Measurement and Calibration Platform Using Hardware-Calibrated Digital Twins and Learning-Based Policies 02 December 2025	20250545

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.

2024	S20240414	NOVARTIS AG; GENENTECH, INC., NEW USES OF OMALIZUMAB. 28 July 2023. Int. Cl. (2025.01) A61K 39/00; A61P 37/00; A61K 9/00; A61M 3/00.
2024	S20240622	RESEARCH INSTITUTE OF HIGHWAY MINISTRY OF TRANSPORT; GUANGZHOU EXPRESSWAY CO., LTD, Safety Guide Method and Related Device for Driving on Bends. 06 May 2024. Int. Cl. (2025.01) B60W 10/00; B60W 50/00; G06F 7/00.
2024	S20240767	HUANENG GUANGXI CLEAN ENERGY CO. LTD., Photovoltaic Power Generation Receiver Ceramic Substrate with Good Waterproof Performance. 27 March 2024. Int. Cl. (2025.01) H02S 30/00; H02S 40/00; H10F 77/00; F26B 5/00.

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.

87691	CLAMP GUARD. Int. Cl. (2025.01) A61B 17/00; B23D 51/00. MAKO SURGICAL CORPORATION 21/07/2023 {12/05/2021 2021/0101}(20230287) [United States of America-12 May 2020]
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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. 49/25, dated 2025-12-03

2480251	Peptinov	21/09/2010	2480251	10763032.9	
2494399	California Institute of Technology	29/10/2010	2494399	10830507.9	
2529098	Robert Bosch GmbH	03/01/2011	2529098	11700512.4	German
2588163	SHL Medical AG	05/07/2010	2588163	10783671.0	
2645183	Brother Kogyo Kabushiki Kaisha	15/03/2013	2645183	13159596.9	
2802850	Teledyne Digital Imaging US, Inc.	08/01/2013	2802850	13736345.3	
2878192	Seminis Vegetable Seeds, Inc.	25/11/2014	2878192	14194682.2	
2898679	Qualcomm Incorporated	18/09/2013	2898679	13767239.0	
2904043	Viavi Solutions Inc.	01/10/2013	2904043	13843092.1	
2967667	Flex Technology, Inc.	13/03/2014	2967667	14768060.7	
2970611	Trinseo Europe GmbH	14/03/2014	2970611	14768306.4	
2979228	Smartglyph Limited	26/03/2014	2979228	14715980.0	
3005942	ARISTOTLE UNIVERSITY OF THESSALONIKI- Research Committee	08/10/2014	3005942	14188200.1	
3015872	Delta Electronics (Thailand) Public Co., Ltd.	30/10/2014	3015872	14405077.0	
3032540	Renesas Electronics Corporation	06/08/2013	3032540	13891121.9	
3085304	Lu, Chin-Hung	12/01/2016	3085304	16731491.3	
3117002	Wayne State University	11/03/2015	3117002	15713278.8	
3117909	Musashi Engineering, Inc.	09/03/2015	3117909	15761373.8	
3125972	Aptar Stelmi SAS	02/04/2014	3125972	14721915.8	French
3162357	Dermopartners, S.L.	24/06/2014	3162357	14895569.3	
3164511	Global Life Sciences Solutions Operations UK Ltd	26/06/2015	3164511	15814648.0	
3171710	Roquette Frères	16/07/2015	3171710	15778704.5	
3197247	Valeo Electrification	13/01/2017	3197247	17151501.8	French
3197270	Pioneer Hi-Bred International, Inc.	21/09/2015	3197270	15775324.5	
3207359	Smith, Stephen O'Neill, Martina Riedel, Sven McMillan, Norman Starna Scientific Limited	14/10/2015	3207359	15780876.7	
3212228	Ruprecht-Karls-Universität Heidelberg	27/10/2015	3212228	15794838.1	
3220442	Contemporary Amperex Technology (Hong Kong) Limited	06/07/2016	3220442	16178167.9	
3222943	Vertiv Corporation	31/10/2016	3222943	16196650.2	
3242576	Sleep Number Corporation	05/01/2016	3242576	16735307.7	
3255019	Sekisui Chemical Co., Ltd.	05/02/2016	3255019	16746727.3	
3255217	Simpson Strong-Tie Company, Inc.	03/02/2017	3255217	17154552.8	
3262780	Qualcomm Incorporated	18/02/2016	3262780	16706747.9	
3266389	Kaneka Medix Corporation	03/03/2016	3266389	16759005.8	
3271691	Honeywell International Inc.	07/03/2016	3271691	16769298.7	
3278065	MFT MEISTER FLOW TECHNOLOGY HOLDING GMBH & CO. KG	30/03/2016	3278065	16723242.0	German
3279505	Treemagineers Ltd	26/07/2017	3279505	17183386.6	
3280541	The Regents of the University of California Sensible Technologies LLC	11/04/2016	3280541	16777498.3	

3282073	dormakaba Schweiz AG	28/07/2017	3282073	17183790.9	German
3288522	KPT LTD.	30/04/2015	3288522	15890676.8	
3292259	Conlan, Kenneth	09/05/2016	3292259	16726796.2	
3299383	Kagoshima University	20/05/2016	3299383	16796599.5	
3309186	Mitsui Chemicals, Inc.	08/06/2016	3309186	16807501.8	
3312074	Hoza Holding B.V.	13/10/2017	3312074	17196380.4	
3322463	Avent, Inc.	14/07/2016	3322463	16741794.8	
3333651	Samsung Electronics Co., Ltd.	11/07/2016	3333651	16835311.8	
3335080	Samsung Electronics Co., Ltd.	03/08/2016	3335080	16835368.8	
3337535	Dearmond, Daniel T. Calhoon, John H.	19/08/2016	3337535	16837887.5	
3340466	NXP B.V.	22/12/2016	3340466	16306787.9	
3350130	Evoqua Water Technologies LLC	16/09/2016	3350130	16847364.3	
3350215	F. Hoffmann-La Roche AG	15/09/2016	3350215	16775922.4	
3350339	Merck Patent GmbH Université de Strasbourg Centre National de la Recherche Scientifique (CNRS)	17/08/2016	3350339	16758090.1	
3350580	Breit, Marc	15/09/2016	3350580	16770722.3	German
3353590	RO Technologies, LLC	14/09/2016	3353590	16847200.9	
3356766	AUMOVIO Germany GmbH	20/09/2016	3356766	16778701.9	German
3359228	West Pharma. Services IL, Ltd.	10/10/2016	3359228	16784687.2	
3360232	The Governing Council of the University of Toronto	07/10/2016	3360232	16852943.6	
3360853	Vidrio Plano De México, S.A. De C.V.	04/10/2016	3360853	16853964.1	
3360938	M. Technique Co., Ltd.	05/10/2016	3360938	16853674.6	
3361869	Audentes Therapeutics, Inc.	14/10/2016	3361869	16856281.7	
3361926	Weigle, Torsten	14/10/2016	3361926	16828929.6	German
3362105	Suntory Holdings Limited	13/10/2015	3362105	15787036.1	
3364887	Materialise NV	20/10/2016	3364887	16791188.2	
3365697	Valeo Comfort and Driving Assistance	17/10/2016	3365697	16782230.3	French
3365770	Texas Instruments Incorporated	24/10/2016	3365770	16858439.9	
3367873	Acera LLC	28/10/2016	3367873	16798028.3	
3368592	Dow Toray Co., Ltd.	28/10/2016	3368592	16859983.5	
3370645	Alcon Inc. The Regents of the University of Colorado a Body Corporate	03/11/2016	3370645	16794496.6	
3373472	Apple Inc.	05/10/2016	3373472	16861763.7	
3376608	Aptiv Technologies AG	26/02/2018	3376608	18158712.2	
3377883	Université de Montpellier Centre National de la Recherche Scientifique (CNRS) Institut national de recherche pour l'agriculture, l'alimentation et l'environnement	16/11/2016	3377883	16798688.4	
3379456	KABUSHIKI KAISHA TOSHIBA	23/02/2018	3379456	18158361.8	
3381023	Valeo Schalter und Sensoren GmbH	23/11/2016	3381023	16801190.6	French
3394360	Knauf Gips KG	12/10/2016	3394360	16793743.2	
3398583	Becton Dickinson and Company Limited	21/04/2015	3398583	18175946.5	
3400761	MAS Innovation (Private) Limited	03/01/2017	3400761	17700466.0	
3402044	GE Renewable Technologies Wind B.V.	10/05/2017	3402044	17382260.2	
3402744	Yale University	13/01/2017	3402744	17739044.0	
3403997	Nippon Electric Glass Co., Ltd.	04/06/2014	3403997	18178731.8	
3405159	Indiana University Research & Technology Corporation	20/01/2017	3405159	17742049.4	
3408648	Siemens Healthcare Diagnostics Inc.	24/01/2017	3408648	17744783.6	
3411197	Ocado Innovation Limited	01/02/2017	3411197	17704410.4	
3415073	Covidien LP	25/05/2018	3415073	18174246.1	
3417048	University Health Network	17/02/2017	3417048	17752613.4	
3421563	The Boeing Company	29/06/2018	3421563	18180739.7	
3427294	MICRON TECHNOLOGY, INC.	22/02/2017	3427294	17763732.9	
3428923	Samsung Electronics Co., Ltd.	12/07/2018	3428923	18183226.2	

3431195	KB Seiren, Ltd.	16/03/2017	3431195	17734218.5	
3435847	Cardiac Pacemakers, Inc.	29/03/2017	3435847	17717044.6	
3438408	OneSubsea IP UK Limited	03/08/2018	3438408	18187349.8	
3439242	Alibaba Group Holding Limited	22/03/2017	3439242	17773129.6	
3442335	IMD Natural Solutions GmbH	11/04/2017	3442335	17720019.3	
3442567	Orimabs Ltd.	12/04/2017	3442567	17783035.3	
3443268	BSH Hausgeräte GmbH	10/03/2017	3443268	17710235.7	German
3448155	Boehringer Ingelheim Vetmedica GmbH	27/04/2017	3448155	17722611.5	
3448317	Valfix Medical Ltd.	24/04/2017	3448317	17788901.1	
3448409	Defensin Therapeutics ApS	28/04/2017	3448409	17727094.9	
3453380	Kao Germany GmbH	07/09/2017	3453380	17189777.0	
3457032	Olsberg GmbH	19/09/2018	3457032	18195431.4	German
	PLEWA Wärme und Energie GmbH				
3457783	NTT DOCOMO, INC.	22/03/2017	3457783	17795832.9	
3458985	Nokia Technologies Oy	17/05/2016	3458985	16725878.9	
3461926	The Boeing Company	08/06/2018	3461926	18176706.2	
3467301	Astemo, Ltd.	14/03/2017	3467301	17802400.6	
3470433	BioAtla, Inc.	26/04/2013	3470433	18209149.6	
3473406	Krones AG	18/10/2018	3473406	18201130.4	German
3474008	National University Corporation Shinshu University	19/06/2017	3474008	17815369.8	
	Komatsu Seiki Kosakusho Co., Ltd.				
3474442	Analog Devices, Inc.	23/10/2018	3474442	18201952.1	
3476892	Sumitomo Rubber Industries, Ltd.	14/09/2018	3476892	18194435.6	
3477663	Institute of Metal Research Chinese Academy of Sciences	06/06/2017	3477663	17814591.8	
3480806	Samsung Display Co., Ltd.	05/09/2018	3480806	18192805.2	
3483349	Sumitomo (S.H.I.) Construction Machinery Co., Ltd.	30/06/2017	3483349	17824147.7	
3484539	Sanofi-Aventis Deutschland GmbH	27/06/2017	3484539	17735451.1	
3485297	BP Exploration Operating Company Limited	06/07/2017	3485297	17735554.2	
3489705	Elekta Limited	07/11/2018	3489705	18204843.9	
3490318	Huawei Technologies Co., Ltd.	11/08/2017	3490318	17838786.6	
3490944	Verallia Packing SAS	29/06/2017	3490944	17740290.6	German
3491869	Qualcomm Incorporated	26/07/2017	3491869	17749276.6	
3493830	Takeda Pharmaceutical Company Limited	04/08/2017	3493830	17754240.4	
3494222	Syngenta Crop Protection AG	01/08/2017	3494222	17837508.5	
3494717	Samsung Electronics Co., Ltd.	22/08/2017	3494717	17856574.3	
3503866	Sytheon Limited	22/08/2017	3503866	17844280.2	
3504820	Nokia Solutions and Networks Oy	25/08/2016	3504820	16758144.6	
3504873	Koninklijke KPN N.V.	28/08/2017	3504873	17768010.5	
	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO				
3504881	DEEZER S.A.	24/08/2017	3504881	17843065.8	
3505482	KONE Corporation	29/12/2017	3505482	17211045.4	
3505687	Strickland Ireland limited	15/10/2008	3505687	19151999.0	
3506166	Bull SAS	28/12/2018	3506166	18248236.4	French
3506294	Ethicon LLC	28/12/2018	3506294	18275220.4	
3508750	RTX Corporation	24/10/2018	3508750	18202316.8	
3508864	Melexis Technologies SA	17/12/2018	3508864	18212930.4	
3509281	JRD Communication Inc.	01/08/2017	3509281	17845132.4	
3509514	Mayo Foundation for Medical Education and Research	08/09/2017	3509514	17849656.8	
3512904	BASF SE	05/09/2017	3512904	17758904.1	German
3513188	Takeda Pharmaceutical Company Limited	15/09/2017	3513188	17784716.7	
3513340	F. Hoffmann-La Roche AG	14/09/2017	3513340	17781007.4	
3514048	SRAM, LLC.	10/01/2019	3514048	19151274.8	
3516152	Teh Yor Co., Ltd.	18/09/2017	3516152	17777468.4	
3519049	Janssen Biotech, Inc.	29/09/2017	3519049	17857471.1	
3521275	Shenzhen Chipscreen Biosciences Co., Ltd.	27/09/2017	3521275	17854878.0	
3522737	The Coca-Cola Company	04/10/2017	3522737	17859105.3	

3522954	Becton, Dickinson and Company	06/10/2017	3522954	17787789.1	
3523911	Telefonaktiebolaget LM Ericsson (publ)	10/10/2016	3523911	16781735.2	
3524631	INSTITUTE OF SCIENCE TOKYO	06/10/2017	3524631	17858528.7	
	NOF Corporation				
3526819	Power Roll Limited	06/10/2017	3526819	17783567.5	
3526849	Coorstek Membrane Sciences AS	16/10/2017	3526849	17804069.7	
3526863	Lumenis Be Ltd.	15/10/2017	3526863	17860779.2	
3526873	Karlsruher Institut für Technologie	11/10/2017	3526873	17783483.5	
3527070	Regeneron Pharmaceuticals, Inc.	17/12/2012	3527070	19151471.0	
3528028	Nikon Corporation	14/10/2016	3528028	16918557.6	
3528205	Kyungpook National University Industry-Academic Cooperation Foundation	13/10/2017	3528205	17859967.6	
3528730	Old Dominion University Research Foundation	20/10/2017	3528730	17797211.4	
3528891	The General Hospital Corporation	23/10/2017	3528891	17862609.9	
3528957	Mycelx Technologies Corporation	19/10/2017	3528957	17862194.2	
3529021	Suez International	23/10/2017	3529021	17791337.3	French
3532103	Acuitas Therapeutics, Inc.	26/10/2017	3532103	17800986.6	
3532522	Elé Corporation	24/10/2017	3532522	17865705.2	
3534863	Hollister Incorporated	30/10/2017	3534863	17798359.0	
3535241	SUSONITY Commercial GmbH	01/11/2017	3535241	17801362.9	German
3536574	Alvarez Troncoso, Pablo	06/03/2018	3536574	18382137.0	
	Alvarez Troncoso, Ignacio				
3538200	N.V. Nutricia	27/10/2017	3538200	17791088.2	
3538352	Peridot Print LLC	27/01/2017	3538352	17893936.9	
3539668	Fossflakes A/S	19/07/2011	3539668	19166738.5	
3540272	A&A International, LLC	15/03/2019	3540272	19163065.6	
3544181	Dolby Laboratories Licensing Corporation	08/09/2014	3544181	19168174.1	
	Dolby International AB				
3546332	YAMAHA HATSUDOKI KABUSHIKI KAISHA	29/03/2019	3546332	19166169.3	
3547421	POSCO Chemical Co., Ltd	26/05/2017	3547421	17874572.5	
3547866	Nike Innovate C.V.	30/11/2017	3547866	17821759.2	
3548139	Neuronano AB	29/11/2017	3548139	17878865.9	
3549208	Leonardo Electronics US Inc.	18/10/2017	3549208	17875888.4	
3551139	The Regents of the University of California	12/12/2017	3551139	17882172.4	
3551592	IBV Holding GmbH	08/12/2017	3551592	17835807.3	German
3555578	Nilsson, Dan-Eric	14/12/2016	3555578	16822391.5	
3559206	Mara Renewables Corporation	14/12/2017	3559206	17883535.1	
3561927	Contemporary Amperex Technology (Hong Kong) Limited	24/04/2019	3561927	19170786.8	
3563141	The Regents of The University of Michigan	27/12/2017	3563141	17889435.8	
3563150	Cytiva Sweden AB	22/12/2017	3563150	17838130.7	
3563301	Google LLC	28/09/2017	3563301	17784125.1	
3565274	Apple Inc.	22/09/2017	3565274	19178742.3	
3565351	Huawei Technologies Co., Ltd.	21/08/2018	3565351	18847587.5	
3565937	Ali, Isameldin Omar	06/02/2018	3565937	18708455.3	
3567785	China Mobile Communication Co., Ltd	05/01/2018	3567785	18736503.6	
	Research Institute				
	China Mobile Communications Group Co., Ltd				
3568132	Wang, Wei	10/01/2017	3568132	17891267.1	
3569176	Biosense Webster (Israel) Ltd.	31/08/2012	3569176	19182321.0	
3573156	Toray Industries, Inc.	12/01/2018	3573156	18741964.3	
3574327	ST Innovative Diagnostics Ltd.	25/01/2018	3574327	18744481.5	
3574946	Tianjin Huahong Technology Co., Ltd.	31/05/2019	3574946	19177710.1	
3576118	Nippon Chemi-Con Corporation	24/01/2018	3576118	18743950.0	
3577482	HERE Global B.V.	29/01/2018	3577482	18702264.5	
3577493	Qualcomm Incorporated	09/01/2018	3577493	18701982.3	
3579309	Murata Manufacturing Co., Ltd.	16/10/2017	3579309	17895318.8	
3579692	Koral Patent AS	08/02/2018	3579692	18751814.7	
3581284	Alfred Kärcher SE & Co. KG	13/06/2018	3581284	18177568.5	German

3582609	Keygene N.V.	15/02/2018	3582609	18706984.4	French
3583306	Safran Helicopter Engines	05/02/2018	3583306	18706795.4	
3585349	Brevetti Angela S.r.L.	21/02/2018	3585349	18712696.6	
3585534	General Electric Company	11/01/2018	3585534	18757104.7	
3586343	BWXT Isotope Technology Group, Inc.	23/02/2018	3586343	18758354.7	
3588818	Koninklijke KPN N.V.	26/06/2018	3588818	18179714.3	
3590075	Linxens Holding	05/03/2018	3590075	18730099.1	
3592202	Ambu A/S	07/03/2018	3592202	18716110.4	
3593973	Jinwoo Bio Co., Ltd.	07/03/2018	3593973	18764078.4	
3594922	Pioneer Corporation	26/02/2018	3594922	18777132.4	
3596043	Lunella Biotech, Inc.	14/03/2018	3596043	18767458.5	
3601443	Covalon Technologies Ltd.	28/03/2018	3601443	18776812.2	
3601553	Danisco US Inc.	02/04/2018	3601553	18718664.8	
3601596	The Johns Hopkins University	15/03/2018	3601596	18771954.7	
3601954	HRL Laboratories, LLC	15/02/2018	3601954	18775895.8	
3602132	Gorr PTY Limited	29/03/2018	3602132	18775753.9	German
3602945	Innovative Technology Lab Co., Ltd.	23/03/2018	3602945	18770951.4	
3605683	Nippon Steel Stainless Steel Corporation	27/03/2018	3605683	18774330.7	
3607439	Oracle International Corporation	01/03/2018	3607439	18715156.8	
3610746	KT & G Corporation	10/04/2018	3610746	18784841.1	
3612308	Kleemann GmbH	07/03/2018	3612308	18710419.5	
3612626	Danisco US Inc.	11/04/2018	3612626	18721585.0	
3613329	Hoya Corporation	19/04/2018	3613329	18787146.2	
3614836	Lifeline Scientific, Inc.	30/04/2018	3614836	18724760.6	
3615442	ACR ELECTRONICS, INC.	25/04/2018	3615442	18790961.9	
3616269	Commscope Technologies LLC	24/04/2018	3616269	18791421.3	
3616605	Tata Consultancy Services Limited	28/08/2019	3616605	19194004.8	
3620051	Parasol Medical LLC	28/08/2019	3620051	19194187.1	
3621335	Huawei Technologies Co., Ltd.	28/03/2013	3621335	19204979.9	
3622551	Pickreign, Richard J.	11/05/2018	3622551	18797629.5	
3622647	QUALCOMM Incorporated	09/05/2018	3622647	18730188.2	
3624719	Avenu Medical, Inc.	17/05/2018	3624719	18803291.6	
3625149	JT International SA	15/05/2018	3625149	18722625.3	
3628946	LG Electronics Inc.	24/01/2014	3628946	19205059.9	
3631008	Affymetrix, Inc.	01/06/2018	3631008	18733463.6	
3631513	Photon Sports Technologies AB	30/05/2018	3631513	18729767.6	
3632484	Fenwal, Inc.	02/10/2019	3632484	19201103.9	
3634416	The Schepens Eye Research Institute, Inc.	27/04/2018	3634416	18790576.5	
3635108	Spark Therapeutics, Inc.	06/06/2018	3635108	18814445.5	
3635631	HRL Laboratories, LLC	05/04/2018	3635631	18824267.1	
3636287	Interoligo Corporation	25/04/2018	3636287	18791814.9	
3636382	Koki Company Limited	02/10/2017	3636382	17923613.8	
3637340	Open Text SA ULC	11/10/2019	3637340	19202692.0	
3637492	LG Energy Solution, Ltd.	02/07/2018	3637492	18867595.3	
3637907	Huawei Technologies Co., Ltd.	04/05/2018	3637907	18795260.1	
3638131	ConMed Corporation	07/06/2018	3638131	18734410.6	
3638333	Terumo Kabushiki Kaisha	12/06/2018	3638333	18737731.2	
3638678	ModernaTX, Inc.	14/06/2018	3638678	18740679.8	
3639230	IDEMIA France	24/05/2018	3639230	18725550.0	
3641848	Evoqua Water Technologies LLC	20/06/2018	3641848	18820681.7	
3642522	Engineered Controls International, LLC	13/06/2018	3642522	18819939.2	
3643309	Boehringer Ingelheim International GmbH	21/12/2005	3643309	19209457.1	German
3643331	Paul Hartmann AG	24/10/2018	3643331	18202427.3	
3643854	Leviat GmbH	22/10/2018	3643854	18201701.2	
3644017	Advanced Flow Solutions, Inc.	23/10/2019	3644017	19204961.7	
3647415	CJ Cheiljedang Corporation	29/06/2018	3647415	18822856.3	
3647978	Samsung Electronics Co., Ltd.	23/10/2019	3647978	19204935.1	
3648801	Memorial Sloan Kettering Cancer Center	05/07/2018	3648801	18827387.4	
3651472	LG Electronics Inc.	06/07/2017	3651472	17916624.4	
3655832	Honeywell International Inc.	16/07/2018	3655832	18836192.7	
3655929	Assa Abloy AB	18/07/2018	3655929	18765158.3	
3656756	SPECIALTY OPERATIONS FRANCE	20/11/2018	3656756	18306532.5	

3656942	Chifeng Huiyuan Building Materials Co., Ltd	24/10/2019	3656942	19205067.2	
	Hebei Huiyuan Building Materials Co., Ltd				
3658292	Binks US, LLC	24/07/2018	3658292	18752941.7	
3659065	Siemens Healthcare Diagnostics Inc.	25/07/2018	3659065	18837576.0	
3660638	Huawei Technologies Co., Ltd.	21/08/2017	3660638	17922553.7	
3661248	Samsung Electronics Co., Ltd.	11/09/2018	3661248	18860520.8	
3661646	BASF Mobile Emissions Catalysts LLC	03/08/2018	3661646	18841421.3	
3662320	Snap Inc.	31/07/2018	3662320	18753522.4	
3662912	Sarepta Therapeutics, Inc.	14/03/2014	3662912	19207586.9	
3665374	Ganley, James, T.	04/09/2018	3665374	18855589.0	
3665913	Lenovo (Beijing) Limited	11/08/2017	3665913	17921422.6	
3666440	Lincoln Global, Inc.	23/10/2019	3666440	19204892.4	
3669152	Peratech IP Ltd	15/08/2018	3669152	18759663.0	
3669466	Lenovo (Singapore) Pte. Ltd.	02/10/2018	3669466	18822118.8	
3672563	Colgate-Palmolive Company	13/12/2017	3672563	17822973.8	
3672684	Cardiac Pacemakers, Inc.	21/08/2018	3672684	18772994.2	
	Mayo Foundation for Medical Education and Research				
3673019	SWIMC LLC	24/08/2018	3673019	18847918.2	
3673806	GE Precision Healthcare LLC	23/12/2019	3673806	19219561.8	
3674378	NITTO DENKO CORPORATION	26/06/2012	3674378	20151928.7	
3674818	General Electric Company	12/12/2019	3674818	19215662.8	
3675797	Becton, Dickinson and Company	29/08/2018	3675797	18851105.9	
3675925	Smith & Nephew PLC	17/08/2018	3675925	18762033.1	
3676714	Micron Technology, Inc.	16/08/2018	3676714	18850118.3	
3676765	GDM Holding LLC	26/10/2018	3676765	18793416.1	
3676769	Boehringer Ingelheim Vetmedica GmbH	31/08/2018	3676769	18779111.6	
3677046	Bose Corporation	25/06/2018	3677046	18749199.8	
3679748	QUALCOMM Incorporated	07/09/2018	3679748	18779504.2	
3679829	Colgate-Palmolive Company	18/02/2015	3679829	20151579.8	
3679960	Gyrus ACMI, Inc. (D.B.A. Olympus Surgical Technologies America)	12/10/2015	3679960	20155706.3	
3680181	Yoffe, Meir	03/01/2020	3680181	20150177.2	
3680808	Tencent Technology (Shenzhen) Company Limited	31/08/2018	3680808	18851007.7	
3681802	Flirtey Holdings, Inc.	13/09/2018	3681802	18779954.9	
3682033	Oxford University Innovation Ltd.	13/09/2018	3682033	18773561.8	
3682483	INTEL Corporation	12/09/2017	3682483	17925316.6	
3682825	C2Dx, Inc.	27/05/2015	3682825	20159633.5	
3686304	NIPPON STEEL CORPORATION	19/09/2017	3686304	17926116.9	
3687904	F. Hoffmann-La Roche AG	28/09/2018	3687904	18782373.7	
	Genentech, Inc.				
3687913	ASEPT INTERNATIONAL AB	27/09/2018	3687913	18807136.9	
3688375	Eurokera S.N.C.	28/09/2018	3688375	18789327.6	French
3689042	QUALCOMM Incorporated	18/09/2018	3689042	18786104.2	
3689557	Google LLC	16/05/2017	3689557	20165495.1	
3689774	Sung, Bo Youn	06/08/2018	3689774	18842944.3	
3691514	Essilor International	02/10/2018	3691514	18800040.0	
	Université de Montréal				
3691991	Topsoe A/S	01/10/2018	3691991	18785285.0	
3692631	MACOM Technology Solutions Holdings, Inc.	02/10/2017	3692631	17825920.6	
3692719	InterDigital VC Holdings, Inc.	04/10/2018	3692719	18786931.8	
3692964	Koyo Corporation	03/10/2018	3692964	18864109.6	
3693240	Zenuity AB	06/02/2019	3693240	19155774.3	
3693399	Kuraray Co., Ltd.	02/10/2018	3693399	18864751.5	
3693971	NV Bioclue	07/02/2019	3693971	19156086.1	
3694451	HUNIC GmbH	09/10/2018	3694451	18785588.7	German
3695608	InterDigital VC Holdings, Inc.	12/10/2018	3695608	18792830.4	
3695885	Fin Group S.R.L.	12/02/2020	3695885	20156996.9	
3696573	Rockwell Collins, Inc.	13/02/2020	3696573	20157201.3	

3697401	Washington University	18/10/2018	3697401	18867429.5	
3697491	Trustees of Tufts College	16/10/2018	3697491	18915373.7	
3697810	Alpine Immune Sciences, Inc.	17/10/2018	3697810	18803814.5	
3697962	Valmet Technologies Oy	15/10/2018	3697962	18792417.0	
3698126	Essilor International	22/10/2018	3698126	18786374.1	
3698711	LIFESCAPES Inc.	19/10/2018	3698711	18868171.2	
3699275	Ishino, Fumitoshi Lee, Jiyoung	28/09/2018	3699275	18860752.7	
3700254	NTT DoCoMo, Inc.	20/10/2017	3700254	17929082.0	
3700578	MediBeacon Inc.	26/10/2018	3700578	18870574.3	
3701334	Xeikon Manufacturing NV	25/10/2018	3701334	18789173.4	
3701438	Intuit Inc.	25/09/2018	3701438	18869879.9	
3701645	Ciena Corporation	22/10/2018	3701645	18803818.6	
3701665	Tata Consultancy Services Limited	24/10/2018	3701665	18869698.3	
3702381	China Petroleum&Chemical Corporation Beijing Research Institute of Chemical Industry China Petroleum & Chemical Corporation	24/10/2018	3702381	18871050.3	
3704042	Justoy Pty Limited	30/10/2018	3704042	18874371.0	
3704420	Zehnder Group International AG	30/10/2018	3704420	18807419.9	
3704545	Lawrence Livermore National Security, LLC	31/10/2017	3704545	17930441.5	
3704858	InterDigital VC Holdings, Inc.	31/10/2018	3704858	18807774.7	
3705146	Fenwal, Inc.	03/03/2020	3705146	20160525.0	
3705758	Nichias Corporation	26/10/2018	3705758	18872407.4	
3705798	LG Electronics Inc.	30/10/2018	3705798	18874051.8	
3706232	Panasonic Intellectual Property Management Co., Ltd.	10/10/2018	3706232	18873913.0	
3707655	Siemens Aktiengesellschaft	14/01/2019	3707655	19702003.5	
3707721	Sartorius BioAnalytical Instruments, Inc	30/10/2018	3707721	18875690.2	
3708202	West Pharma Services IL, Ltd.	10/10/2016	3708202	20172466.3	
3710824	ExxonMobil Technology and Engineering Company	19/10/2018	3710824	18801097.9	
3712878	Samsung Display Co., Ltd.	18/03/2020	3712878	20163919.2	
3712914	Murata Manufacturing Co., Ltd.	20/06/2018	3712914	18879605.6	
3717605	The Procter & Gamble Company	29/11/2018	3717605	18819297.5	
3717723	Minebea AccessSolutions Deutschland GmbH	20/11/2018	3717723	18807605.3	German
3718297	Samsung Electronics Co., Ltd.	20/03/2019	3718297	19770677.3	
3719540	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	29/12/2018	3719540	18895823.5	
3721215	Quaesta Instruments, LLC	07/12/2018	3721215	18887019.0	
3721376	Microsoft Technology Licensing, LLC	20/12/2018	3721376	18837033.2	
3721841	3TO GmbH	30/03/2020	3721841	20000136.0	German
3722460	JFE Steel Corporation	21/01/2019	3722460	19751911.9	
3722505	Wirtgen GmbH	12/02/2020	3722505	20156904.3	German
3722709	Gree Electric Appliances, Inc. of Zhuhai	14/12/2018	3722709	18900964.0	
3723605	Covidien LP	11/12/2018	3723605	18889040.4	
3723782	Université de Strasbourg INSERM (Institut National de la Santé et de la Recherche Médicale)	14/12/2018	3723782	18829791.5	
3724155	ExxonMobil Chemical Patents Inc.	04/12/2018	3724155	18830069.3	
3725589	Deere & Company	14/04/2020	3725589	20169458.5	
3726814	Xilinx, Inc.	19/12/2018	3726814	20178304.0	
3728775	Rite-Hite Holding Corporation	17/12/2018	3728775	18830662.5	
3729242	Magic Leap, Inc.	19/12/2018	3729242	18891234.9	
3729890	Telefonaktiebolaget LM Ericsson (publ)	22/12/2017	3729890	17835504.6	
3731678	JT International SA	28/12/2018	3731678	18833674.7	
3733149	New Pig Corporation	26/10/2017	3733149	20181757.4	
3735498	LN1 INC.	19/02/2019	3735498	19756650.8	
3735539	Hydac Technology GmbH	12/04/2019	3735539	19718318.9	German

3735975	Merck Sharp & Dohme LLC Pfizer Inc.	06/03/2017	3735975	20177822.2	
3736935	General Electric Renovables España, S.L.	05/05/2020	3736935	20173038.9	
3739633	Samsung Display Co., Ltd.	27/03/2020	3739633	20166300.2	
3739646	Samsung Display Co., Ltd.	30/04/2020	3739646	20172283.2	
3741123	HUAWEI TECHNOLOGIES CO., LTD.	29/03/2018	3741123	18725326.5	
3742211	SUMITOMO ELECTRIC INDUSTRIES, LTD.	17/01/2019	3742211	19740981.6	
3742910	Nicoventures Trading Limited	23/01/2019	3742910	19702953.1	
3743485	Saudi Arabian Oil Company	17/01/2019	3743485	19703550.4	
3746098	PrecisionBiotics Group Limited	29/01/2019	3746098	19705709.4	
3746144	Calyxo, Inc.	31/01/2019	3746144	19746731.9	
3746565	BioFire Defense, LLC	29/01/2019	3746565	19747202.0	
3746823	Polyvalor, Limited Partnership	30/01/2019	3746823	19748304.3	
3746926	Palo Alto Networks, Inc.	29/01/2019	3746926	19747436.4	
3748263	SCHOTT Termofrost s.r.o. SCHOTT AG	06/06/2019	3748263	19178880.1	
3749176	W. L. Gore & Associates, Inc.	11/02/2019	3749176	19711179.2	
3750007	Sheldon, Brent	08/02/2019	3750007	19751638.8	
3751428	SAP SE	09/06/2020	3751428	20178865.0	
3751521	Tencent Technology (Shenzhen) Company Limited	11/01/2019	3751521	19751218.9	
3751598	Infineon Technologies Austria AG	13/06/2019	3751598	19179969.1	
3752814	Ball Wave Inc.	12/02/2019	3752814	19752030.7	
3753669	Metglas, Inc.	12/03/2015	3753669	20190844.9	
3754379	NovAtel Inc.	09/06/2020	3754379	20178979.9	
3754709	Samsung Display Co., Ltd.	16/06/2020	3754709	20180313.7	
3755195	Steelco S.p.A.	22/02/2019	3755195	19712303.7	
3755487	Peridot Print LLC	19/07/2018	3755487	18926652.1	
3756050	ASML Netherlands B.V.	14/01/2019	3756050	19700499.7	
3756810	Brinkman Products, Inc.	21/04/2017	3756810	20174323.4	
3757734	LG Display Co., Ltd.	25/06/2020	3757734	20182272.3	
3757816	Samsung Electronics Co., Ltd.	08/04/2013	3757816	20187855.0	
3758715	Gillies, Peter Metro North Hospital and Health Service	04/03/2019	3758715	19760826.8	
3759396	SAINT-GOBAIN GLASS FRANCE	26/02/2019	3759396	19715146.7	French
3759632	Infotoo International Limited	01/03/2019	3759632	19761199.9	
3759682	Pearson Education, Inc.	01/03/2019	3759682	19760534.8	
3759708	Harman Becker Automotive Systems GmbH	27/02/2018	3759708	18707912.4	
3760119	Hitachi, Ltd.	06/03/2020	3760119	20161379.1	
3761232	Magic Leap, Inc.	12/10/2016	3761232	20186239.8	
3761415	LG Energy Solution, Ltd.	01/04/2019	3761415	19781656.4	
3762050	Regeninx Limited GranBio Intellectual Property Holdings, LLC	07/03/2019	3762050	19712448.0	
3762850	Microsoft Technology Licensing, LLC	01/04/2019	3762850	19717177.0	
3764379	HSP Hochspannungsgeräte GmbH	12/07/2019	3764379	19186063.4	
3764796	Pioneer Hi-Bred International, Inc.	12/03/2019	3764796	19768613.2	
3765747	Grundfos Holding A/S	12/03/2019	3765747	19710408.6	German
3766761	Komatsu Ltd.	16/07/2019	3766761	19849483.3	
3767012	The Boeing Company	14/07/2020	3767012	20185818.0	
3767623	Google LLC	30/10/2017	3767623	20194706.6	
3767920	Google LLC	03/10/2017	3767920	20195247.0	
3769951	OY ICS Intelligent Control Systems Ltd	06/04/2011	3769951	20190512.2	
3771462	Orient Europharma Co Ltd	28/07/2020	3771462	20188233.9	
3772055	Samsung Display Co., Ltd.	13/07/2020	3772055	20185570.7	
3772273	Hedensted Gruppen A/S	05/08/2019	3772273	19189965.7	
3773216	Elekta, Inc.	26/04/2019	3773216	19926335.1	
3775277	MultiplexDX, s.r.o.	07/10/2019	3775277	19779513.1	
3775864	Gottfried Wilhelm Leibniz Universität Hannover	03/04/2019	3775864	19716353.8	German

3776117	Siemens Aktiengesellschaft	15/05/2019	3776117	19727859.1	German
3777057	Pearson Education, Inc.	29/03/2019	3777057	19778401.0	
3777699	FUJIFILM Corporation	27/03/2019	3777699	19774254.7	
3777711	Ethicon LLC	16/12/2015	3777711	20195963.2	
3777875	3-D Matrix, Ltd.	06/03/2014	3777875	20172555.3	
3779292	Gree Electric Appliances, Inc. of Zhuhai	17/12/2018	3779292	18916018.7	
3779861	Arashi Vision Inc.	06/03/2019	3779861	19776072.1	
3782099	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	12/04/2019	3782099	19716186.2	
3782664	Yapici, Ahmet	10/08/2020	3782664	20190367.1	German
3782843	Toyo Electric MFG. Co., Ltd.	23/07/2018	3782843	18927885.6	
3783027	OSE Immunotherapeutics	21/10/2015	3783027	20177260.5	French
3785060	Valeo Comfort and Driving Assistance	24/04/2019	3785060	19719842.7	
3785515	Kubota Corporation	26/04/2019	3785515	19792405.3	
3785646	Covidien LP	20/08/2020	3785646	20192003.0	
3786629	Bruker Daltonics GmbH & Co. KG Mann, Matthias	20/10/2016	3786629	20184939.5	
3787505	Dexcom, Inc.	03/05/2019	3787505	19796159.2	
3788251	General Electric Renovables España, S.L.	03/05/2018	3788251	18917095.4	
3788840	Intermetro Communications, Inc.	30/04/2019	3788840	19796576.7	
3790770	ArvinMeritor Technology, LLC	09/05/2019	3790770	19725574.8	French
3790852	Yara International ASA	09/05/2019	3790852	19720354.0	
3790993	Pioneer Hi-Bred International, Inc. Vilnius University	10/05/2019	3790993	19799359.5	
3791350	Google LLC	10/01/2019	3791350	19703218.8	
3792124	Ampere SAS	04/09/2020	3792124	20194678.7	
3792320	Illumina, Inc.	05/06/2013	3792320	20203161.3	
3793030	Nokia Solutions and Networks Oy	12/09/2019	3793030	19196891.6	
3793634	Gambro Lundia AB	07/05/2019	3793634	19725935.1	
3794576	Beghelli S.p.A.	07/05/2019	3794576	19725878.3	French
3794580	Faurecia Irystec Inc.	17/05/2019	3794580	19803910.9	
3795061	Intuitive Surgical Operations, Inc.	11/08/2016	3795061	20207368.0	
3796142	Apple Inc.	03/04/2020	3796142	20206196.6	
3796259	Canon U.S.A., Inc.	27/08/2020	3796259	20193049.2	
3797321	Lawrence Livermore National Security, LLC	09/10/2018	3797321	18929407.7	
3797495	HUAWEI TECHNOLOGIES CO., LTD.	11/06/2019	3797495	19819900.2	
3798981	Samsung Electronics Co., Ltd.	28/05/2020	3798981	20177229.0	French
3799403	Beijing Xiaomi Mobile Software Co., Ltd.	14/01/2020	3799403	20151606.9	
3799465	HUAWEI TECHNOLOGIES CO., LTD.	24/06/2019	3799465	19826431.9	
3799734	Liu, Tuanfang	08/05/2020	3799734	20173602.2	
3800572	Honeywell International Inc.	02/10/2020	3800572	20199955.4	
3800591	ESSILOR INTERNATIONAL	01/10/2019	3800591	19306250.2	
3801493	Continuus Pharmaceuticals, Inc. I.M.A. Industria Macchine Automatiche S.p.A.	10/06/2019	3801493	19819013.4	
3802854	Personalis, Inc.	24/05/2019	3802854	19810366.5	French
3802861	Oxford Nanopore Technologies plc	24/05/2019	3802861	19727474.9	
3803338	Merck Patent GmbH	29/05/2019	3803338	19727015.0	
3803969	Intel Corporation	06/05/2019	3803969	19816143.2	
3804693	Symrise AG	13/10/2011	3804693	20203586.1	
3804805	Zoll Medical Corporation	08/10/2020	3804805	20200825.6	
3804920	BA Robotics	06/10/2020	3804920	20200339.8	
3805380	Qiagen Beverly, LLC	07/10/2019	3805380	19201780.4	
3805977	Imagination Technologies Limited	08/10/2020	3805977	20200893.4	German
3807197	Krones AG	14/03/2019	3807197	19711874.8	
3807407	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	13/06/2019	3807407	19729311.1	
3807422	Universitat Autònoma de Barcelona Centro de Investigación Biomédica en Red de Enfermedades Neurodegenerativas (CIBERNED)	13/06/2019	3807422	19729764.1	

3807619	Solarius GmbH	12/06/2019	3807619	19819614.9	German
3808494	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	11/07/2019	3808494	19838561.9	
3808897	IBS Austria GmbH	15/10/2020	3808897	20202072.3	
3811780	Vink Chemicals GmbH & Co. KG	21/10/2020	3811780	20203111.8	German
3811917	Paul Hartmann AG	21/10/2019	3811917	19204354.5	
	PFNonwovens Holding s.r.o.				
	PFNonwovens Czech s.r.o.				
3811977	Ionis Pharmaceuticals, Inc.	01/05/2015	3811977	20194815.5	
3812428	Panasonic Intellectual Property Management Co., Ltd.	11/06/2019	3812428	19823361.1	
3812495	Paul Hartmann AG	21/10/2019	3812495	19204358.6	
	PFNonwovens Holding s.r.o.				
	PFNonwovens Czech s.r.o.				
3813098	ABB Schweiz AG	25/10/2019	3813098	19205351.0	
3813255	Commissariat à l'Energie Atomique et aux Energies Alternatives	22/10/2020	3813255	20203209.0	French
3813307	LG ELECTRONICS INC.	25/06/2019	3813307	19827122.3	
3813469	Vivo Mobile Communication Co., Ltd.	30/04/2019	3813469	19799805.7	
3813812	Sekisui Diagnostics, LLC	03/05/2019	3813812	19797109.6	
3813955	Draeger Safety UK Limited	24/06/2019	3813955	19734494.8	
3815046	Koninklijke Philips N.V.	24/06/2019	3815046	19733005.3	
3815117	Safran Electronics & Defense	26/06/2019	3815117	19733780.1	French
3815558	KT&G Corporation	11/07/2019	3815558	19838474.5	
3816750	Morai	30/10/2019	3816750	19880920.4	
3817226	Beijing Xiaomi Mobile Software Co., Ltd.	03/03/2020	3817226	20160612.6	
3817328	Acer Cyber Security Incorporated	28/10/2020	3817328	20204323.8	
3817367	Samsung Electronics Co., Ltd.	04/11/2020	3817367	20205644.6	
3817430	Vivo Mobile Communication Co., Ltd.	08/05/2019	3817430	19802916.7	
3818073	Wacker Chemie AG	06/07/2018	3818073	18740169.0	German
3818605	LEONI Bordnetz-Systeme GmbH	21/06/2019	3818605	19739197.2	German
3818723	The Nielsen Company (US), LLC.	01/07/2019	3818723	19830486.7	
3819686	LG CHEM, LTD.	02/07/2019	3819686	19830923.9	
3822594	BlackBerry Limited	06/10/2020	3822594	20200178.0	
3822619	Fuji Corporation	13/07/2018	3822619	18926268.6	
3822943	Apollo Intelligent Connectivity (Beijing) Technology Co., Ltd.	12/11/2020	3822943	20207100.7	
3825163	Jungheinrich Aktiengesellschaft	01/10/2020	3825163	20199494.4	German
3825281	Titan Kogyo Kabushiki Kaisha	11/07/2019	3825281	19837323.5	
3826067	Samsung Display Co., Ltd.	18/01/2019	3826067	19838847.2	
3826133	Beijing Xiaomi Mobile Software Co., Ltd.	05/06/2020	3826133	20178456.8	
3826431	Industrial Technology Research Institute	28/04/2020	3826431	20171772.5	
3826453	Valmont Industries, Inc.	02/10/2019	3826453	19874277.7	
3826533	BAXTER INTERNATIONAL INC.	24/07/2019	3826533	19841551.5	
	BAXTER HEALTHCARE SA				
	Welch Allyn, INC.				
3827016	Elixiron Immunotherapeutics (Hong Kong) Limited	11/10/2019	3827016	19873294.3	
3827085	Wacker Chemie AG	24/07/2018	3827085	18745902.9	German
3827602	Samsung Electronics Co., Ltd.	08/10/2019	3827602	19871149.1	
3828709	Huawei Technologies Co., Ltd.	16/07/2020	3828709	20844079.2	
3829193	VIVO MOBILE COMMUNICATION CO., LTD.	19/07/2019	3829193	19840112.7	
3829496	Zeltiq Aesthetics, Inc.	31/07/2019	3829496	19765574.9	
3829715	Jumpstart Fertility Pty Ltd	01/08/2019	3829715	19752877.1	
	Life Biosciences, Inc.				
3829961	Autotech Engineering	31/07/2019	3829961	19791298.3	French
	Stellantis Auto SAS				
3830333	Astenjohnson International, Inc.	10/07/2019	3830333	19844564.5	
3830774	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	21/06/2019	3830774	19746123.9	French
3831132	McLaren Applied Limited	25/07/2019	3831132	19748908.1	

3832384	Shenzhen TCL New Technology Co., Ltd	22/07/2019	3832384	19845316.9	
3832753	SANYO Electric Co., Ltd.	26/07/2019	3832753	19845220.3	
3832777	LG Energy Solution, Ltd.	28/07/2020	3832777	20848577.1	
3833366	B.G. Negev Technologies and Applications Ltd., at Ben-Gurion University	08/08/2019	3833366	19846452.1	
3833430	Academisch Ziekenhuis Leiden (h.o.d.n. LUMC)	26/09/2019	3833430	19828859.9	
3835396	The Procter & Gamble Company	09/12/2019	3835396	19214566.2	
3835599	XCMG European Research Center GmbH	12/12/2019	3835599	19215803.8	German
3836403	Analog Devices, Inc.	15/12/2015	3836403	20212305.5	
3837624	Samsung Electronics Co., Ltd.	17/09/2019	3837624	19862955.2	
3837739	Outdoor Wireless Networks LLC	08/10/2019	3837739	19871475.0	
3838160	Dürr Dental SE	12/09/2017	3838160	21157489.2	German
3840938	Peridot Print LLC	15/03/2019	3840938	19920256.5	
3841538	Elemental Machines, Inc.	01/10/2019	3841538	19790997.1	
3842087	Eoflow Co., Ltd.	20/08/2019	3842087	19852252.6	
3842407	KAO CHEMICALS GmbH	27/12/2019	3842407	19219824.0	
3843221	Phoenix Contact GmbH & Co. KG	10/12/2020	3843221	20212986.2	German
3843273	Analog Devices, Inc.	15/12/2015	3843273	21157253.2	
3843319	Samsung SDS Co., Ltd.	30/10/2020	3843319	20204811.2	
3843417	Saturn Licensing, LLC	09/08/2019	3843417	19851658.5	
3843632	TEL HASHOMER MEDICAL RESEARCH INFRASTRUCTURE AND SERVICES LTD.	27/08/2019	3843632	19855346.3	
3845616	Société BIC	06/01/2020	3845616	20305003.4	
3846138	Honeywell International Inc.	17/12/2020	3846138	20215207.0	
3846226	LG Display Co., Ltd.	24/12/2020	3846226	20217301.9	
3846233	LG Display Co., Ltd.	09/12/2020	3846233	20212711.4	
3846991	Commissariat à l'Energie Atomique et aux Energies Alternatives Cirtes SRC	18/10/2019	3846991	19813624.4	French
3847032	Kao Corporation	04/09/2019	3847032	19868739.4	
3847561	Agersens Pty Ltd	02/09/2019	3847561	19856660.6	
3848333	Corning Incorporated	24/10/2017	3848333	20207645.1	
3848906	InnoLux Corporation	23/12/2020	3848906	20216822.5	
3849190	LG Electronics Inc.	08/10/2019	3849190	19870657.4	
3849847	Stellantis Auto SAS	28/08/2019	3849847	19774146.5	French
3850222	Caso Holding GmbH	13/09/2019	3850222	19769446.6	German
3850327	IDEATION AS	11/09/2019	3850327	19783750.3	
3851431	DAIKIN INDUSTRIES, LTD.	20/02/2020	3851431	20758587.8	
3853151	Veltek Associates, Inc.	16/09/2019	3853151	19861884.5	
3853593	Siemens Healthcare Diagnostics, Inc.	19/09/2019	3853593	19862246.6	
3853631	Waymo LLC	07/10/2019	3853631	19879743.3	
3853886	Orbotech Ltd.	02/10/2019	3853886	19877125.5	
3854961	ACO Ahlmann SE & Co. KG	21/01/2021	3854961	21152767.6	German
3855368	BEIJING BAIDU NETCOM SCIENCE TECHNOLOGY CO., LTD.	07/04/2020	3855368	20864267.8	
3855722	ZTE Corporation	01/11/2019	3855722	19882843.6	
3856121	Health and Happiness (H&H) Hong Kong Limited	26/08/2019	3856121	19865658.9	
3857310	Waymo LLC	24/10/2019	3857310	19882229.8	
3857982	ZTE Corporation	30/09/2018	3857982	18930288.8	
3858107	Samsung Electronics Co., Ltd.	11/12/2019	3858107	19895374.7	
3858256	Dedienne Sante Chaouat, Gilles Decrette, Edouard Cohen, Gilles Fischer, Marc Zeitoun, Jean-Marc	09/03/2017	3858256	21163604.8	French
3859117	Michels, Christian	29/01/2020	3859117	20154397.2	German
3860097	Samsung Electronics Co., Ltd.	18/10/2019	3860097	19874183.7	

3860198	VIVO MOBILE COMMUNICATION CO., LTD.	11/09/2019	3860198	19864219.1	
3860281	NTT DOCOMO, INC.	28/09/2018	3860281	18934584.6	
3860708	Advanced Bionics AG	04/10/2018	3860708	18795864.0	
3861142	IDEXX Laboratories, Inc.	02/10/2019	3861142	19868883.0	
3861169	Alpla Werke Alwin Lehner GmbH & CO. KG	03/10/2019	3861169	19778556.1	
3862396	Axalta Coating Systems Axalta Coating Systems GmbH	05/02/2021	3862396	21155354.0	
3862407	Nippon Soda Co., Ltd.	02/10/2019	3862407	19869579.3	
3862513	Max Co., Ltd.	09/02/2021	3862513	21156049.5	
3863192	Airbus Defence and Space Limited	04/02/2020	3863192	20155446.6	
3863589	Merz Pharma GmbH & Co. KGaA	07/10/2019	3863589	19783306.4	
3863737	Coulter Ventures, LLC	14/10/2019	3863737	19797912.3	
3863860	Franck, Jan	08/10/2019	3863860	19805379.5	German
3863996	UOP LLC	04/10/2019	3863996	19870552.7	
3864368	Renishaw PLC	07/10/2019	3864368	19783099.5	
3864573	Tesla, Inc.	10/10/2019	3864573	19795722.8	
3865543	Mitsubishi Chemical Corporation	07/10/2019	3865543	19871054.3	
3866071	Robert Bosch GmbH	12/02/2020	3866071	20156963.9	
3866543	HUAWEI TECHNOLOGIES CO., LTD.	09/01/2013	3866543	21150905.4	
3866668	Gyrus ACMI, Inc. d/b/a/ Olympus Surgical Technologies America	16/10/2019	3866668	19802342.6	
3867685	Leica Microsystems CMS GmbH	18/10/2019	3867685	19800925.0	German
3867950	MACOM Technology Solutions Holdings, Inc.	16/10/2019	3867950	19798429.7	
3867997	Palmer, Bradford Cantemir, Codrin Cummins, Inc.	16/10/2019	3867997	19874210.8	
3868066	Saturn Licensing LLC	11/10/2019	3868066	19790297.6	
3868110	HUAWEI TECHNOLOGIES CO., LTD.	16/01/2020	3868110	20741178.6	
3868578	Sumitomo Rubber Industries, Ltd.	04/10/2019	3868578	19873850.2	
3868870	Evia Life Sciences Inc.	11/10/2019	3868870	19874512.7	
3868918	JSW AFTY Corporation	17/09/2019	3868918	19872443.7	
3869619	TE Connectivity Germany GmbH	18/02/2021	3869619	21157954.5	
3869805	Tencent Technology (Shenzhen) Company Limited	08/10/2019	3869805	19872771.1	
3870121	New World Medical, Inc.	16/10/2019	3870121	19875683.5	
3870393	igus GmbH	16/10/2019	3870393	19790482.4	German
3870514	N.V. Nutricia	18/10/2019	3870514	19828885.4	
3870528	Dematic Corp.	24/10/2019	3870528	19875116.6	
3870660	BIOTRONIK SE & Co. KG	14/10/2019	3870660	19783354.4	
3870882	Linamar Corporation	25/10/2019	3870882	19802466.3	
3871017	Abu Dhabi National Oil Company (ADNOC)	28/10/2018	3871017	18938960.4	
3871223	Texas Tech University System	21/10/2019	3871223	19874923.6	
3871262	LG Electronics Inc.	08/10/2019	3871262	19875429.3	
3871571	Azkoyen, S.A.	28/02/2020	3871571	20382146.7	
3872139	Axalta Coating Systems GmbH Axalta Coating Systems IP Co., LLC	25/02/2021	3872139	21159156.5	
3872481	The Boeing Company	19/02/2021	3872481	21158262.2	
3872933	TE Connectivity Germany GmbH	26/02/2021	3872933	21159462.7	
3873188	Gustafson Engineered Solutions LLC	01/11/2019	3873188	19879769.8	
3873439	The University of Pittsburg - of the Commonwealth of Higher Education Xiamen University The United States Government as Represented by The Department of Veterans Affairs University of Exeter	30/09/2019	3873439	19868524.0	
3873958	H.B. Fuller Company	31/10/2019	3873958	19809263.7	
3873986	Henkel AG & Co. KGaA	29/10/2018	3873986	18938949.7	

3874313	Hologic, Inc.	09/10/2019	3874313	19794829.2	
3874942	F. Klucznik & Son Limited	04/03/2021	3874942	21160815.3	
3874978	Changzhou Patent Electronic Technology Co., Ltd	22/11/2018	3874978	18938792.1	
3875206	NIKON CORPORATION	31/10/2019	3875206	19880348.8	
3875369	MITSUBISHI HEAVY INDUSTRIES, LTD.	30/10/2019	3875369	19896687.1	
3875677	BRIDGESTONE CORPORATION	29/10/2019	3875677	19879404.2	
3875678	BRIDGESTONE CORPORATION	29/10/2019	3875678	19880446.0	
3875951	Robert Bosch GmbH	06/03/2020	3875951	20161475.7	
	Melexis Technologies NV				
3876643	Datang Mobile Communications Equipment Co., Ltd.	30/10/2019	3876643	19880158.1	
3876825	Tecnobody S.p.A.	07/11/2019	3876825	19813652.5	
3877783	Devicor Medical Products, Inc.	18/02/2020	3877783	20714349.6	
3878278	Kumiai Chemical Industry Co., Ltd.	24/10/2019	3878278	19880652.3	
3880526	Ampere SAS	25/10/2019	3880526	19790221.6	French
	NISSAN MOTOR CO., LTD.				
3880967	ebm-papst Mulfingen GmbH & Co. KG	09/10/2019	3880967	19786761.7	German
3881583	PayPal, Inc.	14/11/2019	3881583	19885445.7	
3882300	Ricoh Company, Ltd.	15/03/2021	3882300	21162504.1	
3882650	Aptiv Technologies AG	12/03/2021	3882650	21162210.5	
3882903	VIVO MOBILE COMMUNICATION CO., LTD.	08/11/2019	3882903	19883779.1	
3883143	Airbus Defence and Space GmbH	18/03/2020	3883143	20163859.0	
3884401	Apple Inc.	17/03/2020	3884401	20718942.4	
3884680	AIRMONT DataCast SAS	15/11/2019	3884680	19801889.7	
3885121	Faurecia Intérieur Industrie	25/03/2021	3885121	21164928.0	French
3885599	Valmont Industries, Inc.	09/08/2018	3885599	21174455.2	
3886052	Biosense Webster (Israel) Ltd.	22/03/2021	3886052	21163925.7	
3886473	Huawei Technologies Co., Ltd.	16/12/2019	3886473	19898306.6	
3886529	QUALCOMM INCORPORATED	27/06/2018	3886529	21173184.9	
3886534	Ferro Technik BV	11/03/2021	3886534	21161979.6	
3886934	Nexa Medical Limited	28/11/2019	3886934	19874776.8	
3887633	Samet Kalip Ve Madeni Esya San. Ve Tic. A.S.	04/11/2019	3887633	19889414.9	
3887650	HERRENKNECHT AKTIENGESELLSCHAFT	12/03/2020	3887650	20713207.7	German
3888246	Ciena Corporation	14/10/2019	3888246	19797481.9	
3888931	Avery Dennison Retail Information Services LLC	29/12/2014	3888931	21175696.0	
3889853	Google LLC	10/06/2014	3889853	21176254.7	
3889910	Imagination Technologies Limited	30/03/2021	3889910	21165758.0	
3890804	B. Braun Melsungen AG	24/10/2019	3890804	19794534.8	German
3893541	ZTE Corporation	24/10/2019	3893541	19892129.8	
3894748	Edwards Limited	10/12/2019	3894748	19823934.5	
3895324	Samsung Electronics Co., Ltd.	28/04/2020	3895324	20801834.1	
3896135	NITTO DENKO CORPORATION	10/12/2019	3896135	19896317.5	
3896148	Miromatrix Medical Inc.	14/04/2021	3896148	21168393.3	
3896800	Connecteurs Electriques Deutsch	16/04/2020	3896800	20315178.2	
3897016	InterDigital Patent Holdings, Inc.	26/04/2013	3897016	21153250.2	
3897545	UNILEVER GLOBAL IP LIMITED	18/12/2019	3897545	19827704.8	
3897589	Corcept Therapeutics Incorporated	18/12/2019	3897589	19898009.6	
3898393	nextbike GmbH	12/12/2019	3898393	19842861.7	German
3898466	NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO KG	09/04/2019	3898466	19717810.6	German
3898810	Avery Dennison Corporation	19/12/2019	3898810	19842938.3	
3899154	MiTek Holdings, Inc.	19/12/2019	3899154	19898072.4	
3899522	SUEZ International	31/10/2019	3899522	19839262.3	
3899863	Volume Graphics GmbH	14/10/2019	3899863	19789636.8	German
3901150	Shenzhen Optimum Biological Technology Co., Ltd	18/12/2019	3901150	19897972.6	

3901239	Thrun, Rüdiger	21/04/2020	3901239	20170727.0	German
3901487	Astemo, Ltd.	18/01/2019	3901487	19899983.1	
3902107	NIPPON STEEL CORPORATION	17/12/2019	3902107	19898631.7	
3902221	New H3C Technologies Co., Ltd.	17/12/2019	3902221	19899658.9	
3902944	LENZING AKTIENGESELLSCHAFT	20/12/2019	3902944	19824330.5	
3904256	KONE Corporation	30/04/2020	3904256	20172428.3	
3904425	mitsubishi GAS CHEMICAL COMPANY, INC.	29/11/2019	3904425	19904812.5	
3904430	Zeon Corporation	25/12/2019	3904430	19902989.3	
3904485	SUMITOMO CHEMICAL COMPANY LIMITED	06/12/2019	3904485	19902599.0	
3906570	Samsung Electronics Co., Ltd.	10/01/2020	3906570	20738659.0	
3906688	TENCENT AMERICA LLC	03/01/2020	3906688	20736035.5	
3907025	GE Vernova Technology GmbH	29/04/2021	3907025	21171351.6	
3907491	Infineon Technologies AG	07/05/2020	3907491	20173424.1	
3907788	LG Energy Solution, Ltd.	08/05/2020	3907788	20802994.2	
3908142	Vibram S.p.A.	16/10/2019	3908142	19801628.9	
3908832	Roswell Biotechnologies Inc.	10/01/2020	3908832	20739142.6	
3909988	LG Chem, Ltd.	20/02/2020	3909988	20758494.7	
3911850	Pierburg Pump Technology GmbH	15/01/2019	3911850	19700712.3	
3912896	Specialized Bicycle Components, Inc.	19/05/2021	3912896	21174607.8	
3913285	Pittway Sarl	22/05/2020	3913285	20176036.0	
3913954	Cardtronics USA, Inc.	28/03/2021	3913954	21165422.3	
3914088	NordicCan A/S	10/10/2019	3914088	19805528.7	
3914701	Path Therapeutics Inc.	23/01/2020	3914701	20744495.1	
3916506	Honeywell International Inc.	21/05/2021	3916506	21175465.0	
3916654	OMRON Corporation	06/03/2019	3916654	19911557.7	
3916883	LG Energy Solution, Ltd.	28/07/2020	3916883	20849878.2	
3916965	ebm-papst Muldingen GmbH & Co. KG	26/03/2021	3916965	21165086.6	German
3917350	Boa Technology Inc.	31/01/2020	3917350	20749190.3	
3917737	UPM-Kymmene Corporation	27/01/2020	3917737	20703800.1	
3919011	Shanghai Microport Ep Medtech Co., Ltd.	27/12/2019	3919011	19912505.5	
3919747	Huawei Technologies Co., Ltd.	06/09/2019	3919747	19916043.3	
3920114	Crown Equipment Corporation	24/05/2016	3920114	21167519.4	
3920688	Nedap N.V.	03/02/2020	3920688	20704101.3	
3921298	BASF SE	05/02/2020	3921298	20702649.3	
3923940	Ruprecht-Karls-Universität Heidelberg				
3923940	Novartis AG	10/02/2020	3923940	20707826.2	
3923941	Novartis AG	10/02/2020	3923941	20707827.0	
3924163	SAINT-GOBAIN ISOVER	10/02/2020	3924163	20706407.2	
3924579	KDB Intellectual Pty Ltd.	14/02/2020	3924579	20755535.0	
3926878	ZTE Corporation	26/03/2020	3926878	20779957.8	
3926915	Robert Bosch GmbH	19/06/2020	3926915	20181183.3	
3928094	Aryballe	25/03/2020	3928094	20712389.4	French
3928294	Koninklijke Philips N.V.	21/02/2020	3928294	20706495.7	
3928810	Wellspect AB	22/12/2016	3928810	21183263.9	
3929690	Carnegie Robotics, LLC	22/06/2021	3929690	21180741.7	
3929856	NAN YA PLASTICS CORPORATION	10/05/2021	3929856	21173026.2	
3930589	Intuitive Surgical Operations, Inc.	26/02/2020	3930589	20762473.5	
3930833	Elekta, Inc.	28/02/2020	3930833	20709766.8	
3931441	Liftra IP ApS	11/02/2020	3931441	20757216.5	
3931803	3Shape A/S	25/02/2020	3931803	20706732.3	
3932131	Huawei Technologies Co., Ltd.	08/04/2020	3932131	20787714.3	
3932152	Safran Electronics & Defense	25/02/2020	3932152	20713355.4	French
3932260	Thule Sweden AB	03/07/2020	3932260	20184003.0	
3932308	i-Sens, Inc.	19/08/2020	3932308	20890797.2	
3932775	Siemens Mobility Austria GmbH	30/06/2021	3932775	21182657.3	German
3933287	DAIKIN INDUSTRIES, LTD.	21/08/2018	3933287	21193232.2	
3934015	LG Energy Solution, Ltd.	10/07/2020	3934015	20844948.8	
3934407	Great Plains Manufacturing, Inc.	24/08/2020	3934407	20855389.1	
3934435	Viscofan, S.A.	05/03/2020	3934435	20716106.8	
3935240	Trieste Group One Ltd	05/03/2020	3935240	20711259.0	

3935615	F. Smit Holding B.V.	06/03/2020	3935615	20712704.4	
3935792	BRIGHT DATA LTD.	20/03/2020	3935792	20782870.8	
3935821	Samsung Electronics Co., Ltd.	31/03/2020	3935821	20784798.9	
3936311	Resonac Corporation	10/05/2019	3936311	19928805.1	
3937605	GE Aviation Systems Limited	02/07/2021	3937605	21183443.7	
3938483	American Sterilizer Company	30/01/2020	3938483	20770398.4	
3938733	SAINT-GOBAIN PLACO	13/03/2020	3938733	20773968.1	
3939889	Goodrich Corporation	19/07/2021	3939889	21186502.7	
3940017	mitsubishi gas chemical company, inc.	05/03/2020	3940017	20770014.7	
3940037	DAIKIN INDUSTRIES, LTD.	11/03/2020	3940037	20769443.1	
3940411	NXP USA, Inc.	14/07/2020	3940411	20305801.1	
3940648	INTEL Corporation	07/11/2016	3940648	21194828.6	
3940887	ABERTAX RESEARCH AND DEVELOPMENT LTD.	13/07/2020	3940887	20185549.1	
3941389	Foldax, Inc. California Institute of Technology	16/03/2020	3941389	20774498.8	
3941509	CSL Innovation Pty Ltd	18/03/2020	3941509	20710960.4	
3941572	The Board of Trustees of the Leland Stanford Junior University	23/03/2020	3941572	20773702.4	
3942397	NetApp, Inc.	18/02/2020	3942397	20713438.8	
3943151	Seoul Viosys Co., Ltd.	18/03/2020	3943151	20773884.0	
3944226	Samsung Display Co., Ltd.	20/07/2021	3944226	21186766.8	
3944641	Apple Inc.	24/05/2017	3944641	21181002.3	
3944962	Hand Held Products, Inc.	27/07/2021	3944962	21188089.3	
3945310	JEOL Ltd.	22/07/2021	3945310	21187271.8	
3945699	NXP B.V.	12/07/2021	3945699	21185011.0	
3945736	Beijing Xiaomi Mobile Software Co., Ltd.	30/03/2021	3945736	21166030.3	
3945940	Bortoluzzi Sistemi S.p.A.	26/03/2020	3945940	20721104.6	
3946211	Certa Dose, Inc.	06/04/2020	3946211	20782284.2	
3946414	Zih Yuan Tang Biotechnology Co., Ltd.	01/04/2020	3946414	20782491.3	
3946519	Becton, Dickinson and Company	01/04/2020	3946519	20722048.4	
3946678	Donaldson Company, Inc.	27/03/2020	3946678	20721934.6	
3947205	Autostore Technology AS	05/03/2020	3947205	20710859.8	
3948153	RWS GmbH	30/03/2020	3948153	20716425.2	German
3948493	VOLKSWAGEN AKTIENGESSELLSCHAFT	10/02/2020	3948493	20705031.1	German
3948791	QUALCOMM INCORPORATED	24/03/2020	3948791	20718501.8	
3949711	Yanmar Power Technology Co., Ltd.	10/01/2020	3949711	20776508.2	
3949889	MAKO Surgical Corp.	04/08/2021	3949889	21189720.2	
3950284	Toray Industries, Inc.	26/03/2020	3950284	20784101.6	
3950755	FUJIFILM Corporation	26/02/2020	3950755	20779001.5	
3950779	DAIKIN INDUSTRIES, LTD.	26/03/2020	3950779	20784100.8	
3951373	Hioki E.E. Corporation	05/08/2021	3951373	21189899.4	
3951549	micas AG Caroma Industries Limited	17/09/2015	3951549	21198708.6	
3952075	aisin corporation	26/03/2020	3952075	20778096.6	
3952709	DISPENSING DYNAMICS INTERNATIONAL, INC.	09/04/2020	3952709	20787038.7	
3952851	Board of Supervisors of Louisiana State University and Agricultural and Mechanical College	13/04/2020	3952851	20788460.2	
3953480	DNA TWOPOINTO INC.	07/04/2020	3953480	20788171.5	
3953659	Renishaw PLC	20/03/2020	3953659	20716869.1	
3954183	Nokia Solutions and Networks Oy	12/04/2019	3954183	19923995.5	
3954276	Korea Advanced Institute of Science and Technology	10/04/2020	3954276	20786748.2	
3955059	FUJIFILM Corporation	31/03/2020	3955059	20788486.7	
3955204	Tencent Technology (Shenzhen) Company Limited	18/03/2020	3955204	20787245.8	
3956779	Narayanan, Krishnamurthy	29/06/2020	3956779	20875640.3	
3956858	Beckman Coulter, Inc.	17/04/2020	3956858	20724659.6	

3956911	Giesecke+Devrient Currency Technology GmbH	09/04/2020	3956911	20719937.3	German
3957195	KT & G Corporation	08/03/2021	3957195	21739897.3	
3957861	technotrans SE	23/06/2021	3957861	21181132.8	German
3958111	Google LLC	14/06/2018	3958111	21202182.8	
3958374	Ampere SAS	01/07/2021	3958374	21183231.6	French
3959194	BASF SE	23/04/2020	3959194	20720449.6	
3960336	Kyocera Corporation	20/04/2020	3960336	20795880.2	
3961111	DAIKIN INDUSTRIES, LTD.	13/04/2020	3961111	20823586.1	
3963392	CARDINAL IG COMPANY	29/04/2020	3963392	20727032.3	
3963618	Maschinenfabrik Reinhausen GmbH	23/04/2020	3963618	20721214.3	German
3963682	Hitachi Energy Ltd	29/04/2019	3963682	19927502.5	
3963728	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	30/04/2019	3963728	19720877.0	
3964012	Telefonaktiebolaget LM Ericsson (publ)	30/04/2020	3964012	20724027.6	
3964164	Ivoclar Vivadent AG	02/09/2020	3964164	20194147.3	German
3964500	Beijing Tide Pharmaceutical Co., Ltd.	29/04/2020	3964500	20799420.3	
3964624	LG Electronics Inc.	03/09/2021	3964624	21194813.8	
3964685	Weatherford Technology Holdings, LLC	07/10/2014	3964685	21204876.3	
3964793	Nuvi Labs Co., Ltd.	29/04/2020	3964793	20798930.2	
3965070	Hamamatsu Photonics K.K.	11/08/2021	3965070	21190752.2	
3965278	Huawei Digital Power Technologies Co., Ltd.	18/06/2020	3965278	20937180.6	
3965529	Shenzhen Eigate Technology Co., Ltd.	21/12/2020	3965529	20215989.3	
3965701	VDyne, Inc.	04/05/2020	3965701	20801681.6	
3966671	Marquardt GmbH	03/05/2021	3966671	21725047.1	German
3967113	Samsung Electronics Co., Ltd.	13/08/2020	3967113	20855593.8	
3967943	Panasonic Intellectual Property Management Co., Ltd.	11/08/2021	3967943	21190908.0	
3969488	Boston Scientific Scimed Inc.	21/08/2020	3969488	20768169.3	
3970608	Apple Inc.	04/08/2015	3970608	21205965.3	
3970625	Tecnoss s.r.l.	15/09/2021	3970625	21197002.5	
3971194	Ascentawits Pharmaceuticals, Ltd.	12/05/2020	3971194	20805721.6	
3971539	DAIKIN INDUSTRIES, LTD.	14/05/2020	3971539	20805503.8	
3971765	Hangzhou Hikvision Digital Technology Co., Ltd.	13/04/2020	3971765	20810771.4	
3972012	MAZDA MOTOR CORPORATION	09/09/2021	3972012	21195713.9	
3972064	Siemens Energy Global GmbH & Co. KG	17/09/2020	3972064	20196585.2	German
3972387	Accuride International GmbH	22/09/2020	3972387	20197575.2	German
3972483	T.J.Smith and Nephew,Limited	21/05/2020	3972483	20726274.2	
3972568	Bayer Consumer Care AG	22/05/2020	3972568	20731402.2	
3973138	Expro North Sea Limited	20/05/2020	3973138	20727279.0	
3974314	Airbus Operations Limited	14/07/2021	3974314	21185678.6	
3974489	InnoLux Corporation	07/12/2020	3974489	20212222.2	
3974634	GE Vernova Technology GmbH	16/09/2021	3974634	21197258.3	
3974845	Melexis Technologies SA	24/09/2020	3974845	20198220.4	
3975338	Outdoor Wireless Networks LLC	28/05/2015	3975338	21202123.2	
3975428	Altera Corporation	10/08/2021	3975428	21190591.4	
3975901	Precision Microwave Inc. Kansas State University Research Foundation	22/05/2020	3975901	20814643.1	
3976146	Boehringer Ingelheim Vetmedica GmbH	20/05/2020	3976146	20726450.8	
3976488	Sacmi Cooperativa Meccanici Imola Societa' Cooperativa	16/07/2020	3976488	20756958.3	
3976664	Basell Polyolefine GmbH	28/05/2020	3976664	20729058.6	
3977258	Apple Inc.	30/05/2020	3977258	20746439.7	
3977419	Ademco Inc.	22/05/2020	3977419	20813940.2	
3977706	Planblue GmbH	12/05/2020	3977706	20723900.5	German
3977749	Gorilla Technology UK Limited	01/06/2020	3977749	20730702.6	
3977752	Bose Corporation	28/05/2020	3977752	20733159.6	
3977969	Kao Corporation	25/05/2020	3977969	20815270.2	
3979523	Nokia Solutions and Networks Oy	30/09/2021	3979523	21200195.2	

3979614	SCREEN Holdings Co., Ltd.	27/08/2021	3979614	21193590.3	
3979641	FUJITSU LIMITED	20/10/2017	3979641	21203417.7	
3979737	Huawei Technologies Co., Ltd.	20/03/2018	3979737	21185713.1	
3979887	SharkNinja Operating LLC	05/06/2020	3979887	20818025.7	
3980630	PHINIA Delphi Luxembourg SARL	05/06/2020	3980630	20732522.6	
3981051	NKT HV Cables AB	04/06/2020	3981051	20729105.5	
3981390	Shanghai Aucta Pharmaceuticals Co., Ltd.	05/06/2020	3981390	20819422.5	
3981649	SpeedInnov	06/10/2021	3981649	21201125.8	French
3981800	Sekisui Chemical Co., Ltd.	25/09/2020	3981800	20867091.9	
3981845	Ricoh Company, Ltd.	05/10/2021	3981845	21201052.4	
3982097	Honeywell International Inc.	06/10/2021	3982097	21201335.3	
3982098	ABB Schweiz AG	06/10/2021	3982098	21201166.2	
3982265	Splunk Inc.	16/12/2015	3982265	21209283.7	
3983943	Expedia, Inc.	04/06/2020	3983943	20822071.5	
3984298	QUALCOMM INCORPORATED	12/06/2020	3984298	20735755.9	
3984345	CNH Industrial Brasil Ltda.	10/06/2020	3984345	20821586.3	
3985323	Panasonic Intellectual Property Management Co., Ltd.	03/06/2020	3985323	20827831.7	
3985354	NTT, Inc.	12/06/2019	3985354	19932781.8	
3985429	ESSILOR INTERNATIONAL	16/10/2020	3985429	20306224.5	
3985507	Samsung Electronics Co., Ltd.	19/08/2021	3985507	21192131.7	
	SNU R&DB Foundation				
3985769	Commissariat à l'Energie Atomique et aux Energies Alternatives	08/10/2021	3985769	21201697.6	French
3985826	ABB Schweiz AG	15/10/2020	3985826	20202119.2	
3986237	Cilag GmbH International	10/06/2020	3986237	20827452.2	
3986363	WiQo S.p.A.	22/06/2020	3986363	20736586.7	
3986720	Rocket Innovations, Inc.	19/06/2020	3986720	20827888.7	
3987684	Telefonaktiebolaget LM Ericsson (publ)	19/06/2019	3987684	19765543.4	
3987701	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	16/06/2020	3987701	20733569.6	
3987916	Deere & Company	19/10/2021	3987916	21203312.0	
3987946	Shenzhen Eigate Technology Co., Ltd.	09/12/2020	3987946	20212613.2	
3988084	Corn Products Development Inc.	21/10/2021	3988084	21204078.6	
3988735	Illinois Tool Works Inc.	23/10/2020	3988735	20203697.6	
3988870	Intelligrated Headquarters, LLC	26/10/2021	3988870	21204810.2	
3989041	BULL SAS	22/10/2020	3989041	20203322.1	
3989090	Kongsberg Defence & Aerospace AS	22/10/2021	3989090	21204239.4	
3989122	Bundesdruckerei GmbH	20/10/2021	3989122	21203650.3	German
3989449	Tendyron Corporation	29/05/2020	3989449	20831511.9	
3989542	BOE TECHNOLOGY GROUP CO., LTD. Chengdu BOE Optoelectronics Technology Co., Ltd.	19/06/2020	3989542	20824412.9	
3989919	Suntory Holdings Limited	24/06/2020	3989919	20831317.1	
3990891	Illumina, Inc.	22/12/2020	3990891	20909529.8	
3990897	University College Dublin, National University of Ireland, Dublin	23/06/2020	3990897	20734892.1	
3991554	HORSCH LEEB Application Systems GmbH	20/10/2021	3991554	21203725.3	German
3991556	HORSCH LEEB Application Systems GmbH	21/10/2021	3991556	21203878.0	German
3991654	SUMITOMO BAKELITE CO., LTD.	08/05/2020	3991654	20832160.4	
3991872	JFE STEEL CORPORATION	19/10/2018	3991872	21215955.2	
3991929	Weber Food Technology SE & Co. KG	21/10/2021	3991929	21203967.1	German
3992272	Ziemann Holvrieka GmbH	09/09/2021	3992272	21195701.4	German
3992551	GD Midea Heating & Ventilating Equipment Co., Ltd.	28/02/2020	3992551	20896008.8	
	Midea Group Co., Ltd.				
3992851	Tencent Technology (Shenzhen) Company Limited	28/06/2020	3992851	20831068.0	
3993025	Erwin Quarder Systemtechnik GmbH	19/10/2021	3993025	21203558.8	German
3993190	Bender GmbH & Co. KG	20/10/2021	3993190	21203711.3	German

3993238	Andreas Stihl AG & Co. KG	29/10/2020	3993238	20204647.0	German
3993272	MediaTek Singapore Pte Ltd	17/09/2021	3993272	21197433.2	
3993384	Huawei Technologies Co., Ltd.	06/07/2020	3993384	20847374.4	
3993694	Stryker Corporation	30/06/2020	3993694	20834430.9	
3993937	Milwaukee Electric Tool Corporation	15/10/2020	3993937	20875986.0	
3995267	TRUMPF Werkzeugmaschinen SE + Co. KG	13/10/2021	3995267	21202485.5	German
	J. Schmalz GmbH				
3995633	Deere & Company	12/10/2021	3995633	21202273.5	
3996529	Nicoventures Trading Limited	08/07/2020	3996529	20742382.3	
3996881	LG ELECTRONICS INC.	10/07/2020	3996881	20836675.7	
3997762	CommScope Technologies LLC	10/07/2020	3997762	20836611.2	
3997996	TBL Licensing LLC	22/10/2021	3997996	21204114.9	
3998245	AGC INC.	30/06/2020	3998245	20836632.8	
3998439	Daikin Industries, Ltd.	09/07/2020	3998439	20839831.3	
3998459	Honeywell International Inc.	20/10/2021	3998459	21203804.6	
3999356	Bundesdruckerei GmbH	17/07/2020	3999356	20743129.7	German
3999763	Polyplas International Pty Ltd	20/07/2020	3999763	20843645.1	
4000107	Aledia	16/07/2020	4000107	20739421.4	French
4000443	Rossignol Lange S.R.L.	23/11/2020	4000443	20425054.2	French
4000608	Boehringer Ingelheim International GmbH	16/04/2014	4000608	21212183.4	
4000736	LG Chem, Ltd.	16/10/2020	4000736	20876176.7	
4001103	The Boeing Company	04/10/2021	4001103	21200680.3	
4001516	OT Engineering	28/10/2021	4001516	21205346.6	French
4001557	Nabtesco Corporation	08/10/2021	4001557	21201677.8	
4001939	LG ENERGY SOLUTION, LTD.	18/08/2020	4001939	20857959.9	
4002218	Samsung Electronics Co., Ltd.	24/11/2021	4002218	21210174.5	
4003277	Unilever Global IP Limited	29/06/2020	4003277	20735375.6	
4004899	Lee, Wai Keung Carson	02/03/2021	4004899	21772413.7	
4005544	Kao Corporation	26/10/2020	4005544	20883346.7	
4006104	Toray Industries, Inc.	20/07/2020	4006104	20846304.2	
4006423	Panasonic Intellectual Property Management Co., Ltd.	28/07/2020	4006423	20846279.6	
4006533	LG ENERGY SOLUTION, LTD.	21/10/2020	4006533	20891574.4	
4006842	FUJIFILM Corporation	28/05/2020	4006842	20843377.1	
4006929	SHT Corporation Limited	23/06/2020	4006929	20847083.1	
4007206	KT Corporation	15/09/2020	4007206	20864751.1	
4007278	Tencent Technology (Shenzhen) Company Limited	23/10/2020	4007278	20886946.1	
4007446	Shenzhen Eigate Technology Co., Ltd.	08/02/2021	4007446	21155736.8	
4007988	Zhejiang Pixfra Technology Co., Ltd.	30/12/2019	4007988	19940757.8	
4008238	NIDEK CO., LTD.	02/12/2021	4008238	21211873.1	
4009496	Aurora Flight Sciences Corporation, a subsidiary of The Boeing Company	22/10/2021	4009496	21204335.0	
4009531	Telefonaktiebolaget LM Ericsson (publ)	22/03/2018	4009531	22154271.5	
4009754	Baidu USA LLC	19/10/2021	4009754	21203330.2	
4010490	Ontario Institute for Cancer Research (OICR)	18/06/2021	4010490	21826143.6	
4011095	Bose Corporation	05/08/2020	4011095	20758406.1	
4011200	Spiro, Daniel S.	11/12/2020	4011200	20213490.4	
4011926	Nippon Soda Co., Ltd.	07/07/2020	4011926	20850936.4	
4012084	Bauer Hockey Ltd.	18/10/2021	4012084	21203246.0	
4012552	Horizon Quantum Computing Pte. Ltd.	09/06/2021	4012552	21178584.5	
4012690	LG Electronics Inc.	07/08/2019	4012690	19940393.2	
4012924	Commissariat à l'Energie Atomique et aux Energies Alternatives	27/09/2021	4012924	21199140.1	French
4012960	ZTE Corporation	07/08/2020	4012960	20849647.1	
4013376	Kao Corporation	13/08/2020	4013376	20757863.4	
4013493	Elekta Ltd.	27/03/2020	4013493	20852411.6	
4014022	TSI Incorporated	31/12/2019	4014022	19941471.5	
4014540	QUALCOMM INCORPORATED	12/08/2020	4014540	20764283.6	
4014815	LG Electronics Inc.	06/08/2020	4014815	20852021.3	

4015097	Panasonic Intellectual Property Management Co., Ltd.	20/10/2021	4015097	21203678.4	
4015098	Foamico ApS	14/12/2021	4015098	21214475.2	
4015338	ALSTOM Holdings	17/12/2021	4015338	21215474.4	German
4015416	Daifuku Co., Ltd.	21/05/2020	4015416	20860794.5	
4015469	Heraeus Quarzglas GmbH & Co. KG	15/12/2021	4015469	21214623.7	
4016001	INTEL Corporation	23/09/2021	4016001	21198443.0	
4016084	F. Hoffmann-La Roche AG	21/12/2020	4016084	20215886.1	
4016116	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	19/08/2019	4016116	19942160.3	
4016382	Schneider Electric Industries SAS	15/12/2021	4016382	21214832.4	French
4016629	Samsung Display Co., Ltd.	14/12/2021	4016629	21214457.0	
4016773	Sungrow (Shanghai) Co., Ltd.	28/09/2021	4016773	21199365.4	
4017214	Shenzhen Eigate Technology Co., Ltd.	24/06/2021	4017214	21000164.0	
4017565	Fisher & Paykel Healthcare Limited	20/08/2020	4017565	20853864.5	
4018371	Subtle Medical, Inc.	19/08/2020	4018371	20857740.3	
4018533	Topcu, Suleyman	04/03/2020	4018533	20923385.7	
4019494	FUJIFILM Corporation	28/07/2020	4019494	20854442.9	
4019781	Edwards Japan Limited	17/08/2020	4019781	20858399.7	
4019873	Jacir	24/11/2021	4019873	21210203.2	French
4020920	INTEL Corporation	18/11/2021	4020920	21209119.3	
4020934	Intel Corporation	23/09/2021	4020934	21198505.6	
4021643	BASF SE	28/08/2020	4021643	20760879.5	
4021699	Dow Global Technologies LLC	26/08/2020	4021699	20781650.5	
4021806	Safran Seats USA LLC	29/08/2019	4021806	19768947.4	
4022170	Baker Hughes Oilfield Operations LLC	24/08/2020	4022170	20856404.7	
4022334	NPL Management Limited	06/10/2020	4022334	20801351.6	
4022370	The University of Strathclyde				
4022370	Digilens Inc.	28/08/2020	4022370	20856729.7	
4022924	ATI Technologies ULC	26/08/2020	4022924	20859306.1	
4023173	Neuravi Limited	29/12/2021	4023173	21218039.2	
4023547	The Boeing Company	23/12/2021	4023547	21217349.6	
4023723	Shanghai Co-fun Biotech Co., Ltd.	30/09/2021	4023723	21870572.1	
4025084	Juul Labs, Inc.	04/09/2020	4025084	20775143.9	
4025192	Novo Nordisk A/S	02/09/2020	4025192	20764666.2	
4025479	Schlage Lock Company LLC	03/09/2019	4025479	19944080.1	
4025985	Microsoft Technology Licensing, LLC	04/09/2020	4025985	20771959.2	
4026306	Microsoft Technology Licensing, LLC	17/06/2020	4026306	20736538.8	
4026405	Zumtobel Lighting GmbH	03/09/2020	4026405	20767774.1	German
4027052	Hasco Vision Technology Co., Ltd.	20/10/2020	4027052	20878309.2	
4027243	Huawei Technologies Co., Ltd.	11/06/2020	4027243	20884659.2	
4027535	Huawei Technologies Co., Ltd.	27/09/2019	4027535	19947240.8	
4027690	Huawei Technologies Co., Ltd.	30/09/2020	4027690	20871439.4	
4028799	BP Corporation North America Inc.	28/08/2020	4028799	20829713.5	
4028815	Petrolim Nasional Berhad (Petronas)	11/09/2020	4028815	20863525.0	
4028949	Robert Bosch GmbH	08/09/2020	4028949	20765311.4	
4028956	Koninklijke Philips N.V.				
4028956	QUALCOMM INCORPORATED	08/09/2020	4028956	20776002.6	
4029307	Apple Inc.	12/02/2020	4029307	20918942.2	
4029532	The Boeing Company	25/10/2021	4029532	21204470.5	
4030456	LS ELECTRIC CO., LTD.	11/05/2020	4030456	20863761.1	
4030877	Schneider Electric IT Corporation	14/01/2022	4030877	22151482.1	
4032796	Nicolai, Karlheinz	28/10/2021	4032796	21205163.5	German
4033185	LG Electronics Inc.	31/07/2020	4033185	20866876.4	
4033365	Nordic Semiconductor ASA	13/01/2022	4033365	22151260.1	
4034838	Seamless Vision (2017) Ltd	09/09/2020	4034838	20870285.2	
4035768	Taiyo Nippon Sanso Corporation	11/09/2020	4035768	20869664.1	
4035780	PHC Corporation	09/10/2020	4035780	20880354.4	
4036446	IVECO S.P.A.	02/02/2022	4036446	22154841.5	
4036527	Honeywell International Inc.	13/01/2022	4036527	22151305.4	
4036671	Pilz GmbH & Co. KG	24/01/2022	4036671	22153006.6	German
4037089	Prime Planet Energy & Solutions, Inc.	14/01/2022	4037089	22151605.7	

4037244	NTT DOCOMO, INC.	27/09/2019	4037244	19947327.3	
4037704	The Children's Medical Center Corporation	02/10/2020	4037704	20870591.3	
4037817	Mura Technology Limited	02/10/2020	4037817	20790390.7	
4038109	Borealis GmbH	01/10/2020	4038109	20780719.9	
4038239	Sealed Air Verpackungen GmbH	01/10/2020	4038239	20786510.6	German
4038298	Bimed Teknik Aletler Sanayi ve Ticaret Anonim Sirketi	23/08/2019	4038298	19943142.0	
4039055	Telefonaktiebolaget LM Ericsson (publ)	01/10/2020	4039055	20789721.6	
4039155	LG Electronics Inc.	13/08/2020	4039155	20871174.7	
4039214	Biosense Webster (Israel) Ltd.	04/02/2022	4039214	22155139.3	
4040201	Zeon Corporation	15/09/2020	4040201	20871775.1	
4040851	NTT DOCOMO, INC.	04/10/2019	4040851	19947583.1	
4040864	NTT DOCOMO, INC.	02/10/2019	4040864	19947467.7	
4040879	LG Electronics Inc.	19/10/2020	4040879	20876323.5	
4040897	NTT DOCOMO, INC.	03/10/2019	4040897	19948024.5	
4041129	Glaukos Corporation	07/10/2020	4041129	20875226.1	
4041428	Cummins Filtration Inc.	06/10/2020	4041428	20874465.6	
4041531	Ecole Centrale De Nantes	08/07/2019	4041531	19741988.0	French
4041663	Krones AG	23/09/2020	4041663	20780166.3	German
4042016	VESTAS WIND SYSTEMS A/S	09/10/2020	4042016	20792529.8	
4042069	Edwards Limited	07/10/2020	4042069	20793058.7	
4042072	BSH Hausgeräte GmbH	24/09/2020	4042072	20775018.3	
4042276	Amadeus S.A.S.	06/10/2020	4042276	20781565.5	
4042320	Ancestry.com Operations Inc.	08/10/2020	4042320	20799908.7	
4042483	Lumileds LLC	09/10/2020	4042483	20800762.5	
4042765	Telefonaktiebolaget LM Ericsson (publ)	02/10/2020	4042765	20789282.9	
4043293	Klippan Safety AB	09/02/2022	4043293	22155851.3	
4044124	B/E Aerospace, Inc.	12/01/2022	4044124	22151180.1	
4044342	LG Energy Solution, Ltd.	23/07/2021	4044342	21858483.7	
4044458	NEC Corporation	07/10/2019	4044458	19948774.5	
4044521	Panasonic Intellectual Property Corporation of America	08/10/2020	4044521	20873835.1	
4044534	Juniper Networks, Inc.	09/04/2021	4044534	21167717.4	
4044536	Hioki E.E. Corporation	02/10/2020	4044536	20874105.8	
4044628	KDDI Corporation	07/02/2022	4044628	22155421.5	
4044653	Beijing Xiaomi Mobile Software Co., Ltd.	11/10/2019	4044653	19948600.2	
4044661	SK TELECOM CO. LTD	27/10/2020	4044661	20880999.6	
4044718	NTT DOCOMO, INC.	11/10/2019	4044718	19948753.9	
4044931	Verathon INC.	16/10/2020	4044931	20803386.0	
4045117	Incoba LLC	09/10/2020	4045117	20876338.3	
4045292	AO Technology AG	14/10/2020	4045292	20793176.7	
4045300	Siemens Gamesa Renewable Energy A/S	10/12/2020	4045300	20828974.4	
4045401	Safran Landing Systems	15/10/2020	4045401	20790002.8	French
4045490	Symrise AG	16/10/2019	4045490	19794442.4	German
4045498	The Regents of the University of California	14/10/2020	4045498	20877361.4	
4045599	Clariant International Ltd	05/10/2020	4045599	20781549.9	German
4045707	Valmet Technologies Oy	14/10/2020	4045707	20800228.7	
4045738	Kreepy Krauly Australia Pty Ltd	19/10/2020	4045738	20875855.7	
4045768	SAFRAN AIRCRAFT ENGINES	08/10/2020	4045768	20797817.2	French
4045837	Cryoport, Inc.	16/10/2020	4045837	20876498.5	
4046237	Airbus Defence and Space GmbH	13/10/2020	4046237	20792373.1	German
4046359	Landis+Gyr Technology, Inc.	14/10/2020	4046359	20801106.4	
4046419	Telefonaktiebolaget LM Ericsson (publ)	02/10/2020	4046419	20786097.4	
4046982	CHUGAI SEIYAKU KABUSHIKI KAISHA	15/10/2020	4046982	20877936.3	
4047857	QUALCOMM Incorporated	12/07/2017	4047857	22158047.5	
4048151	The Johns Hopkins University	22/10/2020	4048151	20880315.5	
4048174	Pain Away Solutions, LLC	01/10/2020	4048174	20872896.4	
4048202	Carl Zeiss Meditec AG	15/10/2020	4048202	20797399.1	German
4048229	Fidia Farmaceutici S.p.A.	22/10/2020	4048229	20801016.5	
4048378	Advanced Bionics AG	23/10/2020	4048378	20828869.6	
4048390	BIOTRONIK SE & Co. KG	22/10/2020	4048390	20796775.3	

4048391	BIOTRONIK SE & Co. KG	22/10/2020	4048391	20796777.9	
4048850	AV Builder Corp	23/10/2020	4048850	20879114.5	
4048899	Edwards Limited	09/10/2020	4048899	20793087.6	
4048965	ECM TECHNOLOGIES	07/10/2020	4048965	20785988.5	French
4049068	WiTricity Corporation	23/10/2020	4049068	20807974.9	
4049098	KHS GmbH	06/10/2020	4049098	20788740.7	German
4049162	Google LLC	23/10/2019	4049162	19805432.2	
4049440	BlackBerry Limited	12/10/2020	4049440	20789964.2	
4049617	Inserbo, S.L.	01/02/2022	4049617	22154424.0	
4049859	BRIDGESTONE CORPORATION	19/10/2020	4049859	20879297.8	
4049898	LEONI Bordnetz-Systeme GmbH	01/02/2022	4049898	22154623.7	German
4050318	1Drop Inc.	14/10/2020	4050318	20879060.0	
4050380	Hamamatsu Photonics K.K.	09/07/2020	4050380	20879281.2	
4050502	Cervello Ltd.	09/04/2019	4050502	22168075.4	
4050612	Standigm Inc.	20/10/2020	4050612	20878286.2	
4051093	ResMed Pty Ltd	30/10/2020	4051093	20811095.7	
4051186	De Jong, Tjeerd René	21/10/2020	4051186	20800736.9	
4051441	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO	29/10/2020	4051441	20800745.0	
4051522	Zapp Electric Vehicles Limited	31/10/2019	4051522	19816444.4	
4051916	KARAM SAFETY PRIVATE LIMITED	30/10/2020	4051916	20882918.4	
4052104	Linde GmbH	22/10/2020	4052104	20797670.5	
4052105	Linde GmbH	22/10/2020	4052105	20797671.3	
4052240	Tyco Fire Products LP	29/10/2020	4052240	20882806.1	
4052256	Dolby Laboratories Licensing Corporation	28/10/2020	4052256	20808599.3	
4052500	Lenovo (Singapore) Pte. Ltd.	31/10/2020	4052500	20803949.5	
4052538	Samsung Electronics Co., Ltd.	30/03/2021	4052538	21781216.3	
4052855	Koki Holdings Co., Ltd.	25/09/2020	4052855	20882142.1	
4053587	Hesai Technology Co., Ltd.	22/10/2020	4053587	20880519.2	
4053832	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	30/10/2019	4053832	19948863.6	
4053976	BYD Company Limited	27/10/2020	4053976	20888910.5	
4054666	Diality Inc.	29/10/2020	4054666	20883762.5	
4055586	Google LLC	31/03/2020	4055586	20722029.4	
4056515	Manitowoc Crane Group France	04/03/2022	4056515	22160127.1	French
4056603	SHPP Global Technologies B.V.	08/03/2021	4056603	21161289.0	
4056855	Edwards Japan Limited	27/10/2020	4056855	20885131.1	
4057618	Vivo Mobile Communication Co., Ltd.	16/12/2020	4057618	20903608.6	
4057712	Vivo Mobile Communication Co., Ltd.	06/11/2020	4057712	20884556.0	
4059212	Samsung Electronics Co., Ltd.	08/01/2021	4059212	21738513.7	
4059459	Medtronic Ireland Manufacturing Unlimited Company	25/10/2011	4059459	22160538.9	
4060214	New Asia Co., Ltd.	26/10/2020	4060214	20886416.5	
4060326	YOKOGAWA ELECTRIC CORPORATION	20/10/2020	4060326	20888092.2	
4060350	F. Hoffmann-La Roche AG	16/03/2021	4060350	21162923.3	
4060662	MITSUBISHI ELECTRIC CORPORATION	13/12/2019	4060662	19955555.8	
4061761	SSI Schäfer Automation GmbH (DE)	26/10/2020	4061761	20797715.8	German
4062754	Jungheinrich Aktiengesellschaft	25/03/2021	4062754	21164920.7	German
4062905	Versantis AG	06/08/2013	4062905	22172208.5	
4062917	Biomed Valley Discoveries, Inc.	19/12/2014	4062917	22165473.4	
4063107	Mitsubishi Heavy Industries, Ltd.	27/10/2021	4063107	21204966.2	
4064805	Siemens Aktiengesellschaft	22/03/2021	4064805	21164098.2	German
4065323	Milwaukee Electric Tool Corporation	25/11/2020	4065323	20893555.1	
4065951	Restek Corporation	24/11/2020	4065951	20828430.7	
4066957	Stolle Machinery Company, LLC	28/08/2014	4066957	22175652.1	
4067029	Black & Decker, Inc.	22/03/2022	4067029	22163668.1	
4067705	Hycet Transmission System (Jiangsu) Co., Ltd. Baoding Research and Development Branch	30/10/2020	4067705	20893037.0	

4068095	Acer Incorporated	22/10/2021	4068095	21204261.8	
4068752	Vivo Mobile Communication Co., Ltd.	07/09/2020	4068752	20892251.8	
4068926	OVH	30/08/2021	4068926	21306171.6	
4070297	Aclara Technologies LLC	04/12/2020	4070297	20897221.6	
4070924	SMC Corporation	24/09/2020	4070924	20897090.5	
4071410	BSH Hausgeräte GmbH	15/03/2022	4071410	22162069.3	German
4073424	VALEO VISION	14/12/2020	4073424	20828640.1	
4073593	Hewlett-Packard Development Company, L.P.	13/12/2019	4073593	19955531.9	
4073613	Huawei Technologies Co., Ltd.	24/01/2020	4073613	20702101.5	
4073726	Oracle International Corporation	09/12/2020	4073726	20834083.6	
4073976	Google LLC	27/10/2020	4073976	20807630.7	
4074184	Mara Renewables Corporation	16/06/2016	4074184	22177911.9	
4074719	HC Synthetic Pharmaceutical Co., Ltd.	01/07/2020	4074719	20898020.1	
4074962	General Electric Renovables España, S.L.	31/03/2022	4074962	22166050.9	
4075019	Pewag Austria GmbH	15/04/2021	4075019	21168673.8	German
4076470	Corcept Therapeutics Incorporated	18/12/2020	4076470	20902331.6	
4076652	Chinook Therapeutics, Inc.	16/12/2020	4076652	20903533.6	
4076674	Henkel AG & Co. KGaA	16/10/2020	4076674	20792647.8	German
4077400	Lyckeby Group ek. för.	15/12/2020	4077400	20903284.6	
4078533	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	15/12/2020	4078533	20821274.6	
4078566	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	17/12/2019	4078566	19945446.3	
4078859	Bogazici Universitesi	21/12/2020	4078859	20902303.5	
4078868	Telefonaktiebolaget LM Ericsson (publ)	16/12/2019	4078868	19829482.9	
4079090	QUALCOMM INCORPORATED	09/12/2020	4079090	20838715.9	
4079350	Eli Lilly and Company	14/08/2018	4079350	22177763.4	
4079687	Cenate AS	21/04/2021	4079687	21169693.5	
4080244	NXP B.V.	04/06/2021	4080244	21177843.6	
4080735	Panasonic Intellectual Property Management Co., Ltd.	20/10/2020	4080735	20903458.6	
4081016	CNH Industrial Belgium NV	22/12/2020	4081016	20845308.4	
4081717	Continental Automotive Systems, Inc.	22/12/2020	4081717	20851360.6	
4082670	Grillo-Werke AG	27/04/2021	4082670	21170580.1	German
4082713	NIKON CORPORATION	26/12/2019	4082713	19958060.6	
4083230	Quest Diagnostics Investments Incorporated	06/07/2012	4083230	22165215.9	
4083327	BAUER Maschinen GmbH TECHNE KIROW GmbH	29/04/2021	4083327	21171346.6	German
4083957	TeleNav, Inc.	11/03/2022	4083957	22161697.2	
4084471	Chengdu Xgimi Technology Co., Ltd	13/03/2020	4084471	20905031.9	
4084481	Nippon Hosokawa Kasei Co., Ltd.	25/12/2020	4084481	20905870.0	
4084520	Apple Inc.	29/08/2019	4084520	22178242.8	
4084577	Eberspächer catem GmbH & Co. KG	25/04/2022	4084577	22169742.8	German
4084679	Becton, Dickinson and Company	08/01/2021	4084679	21703571.6	
4084864	Impulse Dynamics NV	05/01/2021	4084864	21701166.7	
4085960	BMC Medical Co., Ltd.	16/12/2020	4085960	20909786.4	
4086638	Rosemount Aerospace Inc.	03/05/2022	4086638	22171382.9	
4086665	Soletanche Freyssinet	05/05/2021	4086665	21305577.5	
4086697	View, Inc.	07/07/2016	4086697	22161794.7	
4086714	Pilz GmbH & Co. KG	20/01/2016	4086714	22181101.1	German
4086889	Samsung Display Co., Ltd. Konkuk University Industrial Cooperation Corp.	04/05/2022	4086889	22171509.7	
4086998	Wuxi Lead Intelligent Equipment Co., Ltd.	14/10/2021	4086998	21920114.2	
4087236	Honeywell International Inc.	21/04/2022	4087236	22169237.9	
4087778	Safran Landing Systems	08/01/2021	4087778	21700205.4	French
4088935	Canon Production Printing Holding B.V.	10/05/2021	4088935	21173166.6	
4090150	Cifarelli S.p.A.	15/01/2020	4090150	20715206.7	
4090186	Nicoventures Trading Limited	12/10/2021	4090186	21794328.1	
4090445	VOLVO TRUCK CORPORATION	17/01/2020	4090445	20701301.2	

4090855	Seeger-Orbis GmbH	23/12/2020	4090855	20841934.1	
4091040	Microsoft Technology Licensing, LLC	10/12/2020	4091040	20838734.0	
4091431	CNH Industrial Belgium N.V.	21/05/2021	4091431	21175435.3	
4091804	Lg Chem, Ltd.	14/01/2020	4091804	20913130.9	
4092106	Qingdao Restore Biotechnology Co., Ltd.	25/05/2020	4092106	20838869.4	
4092424	Murata Manufacturing Co., Ltd.	01/02/2022	4092424	22154497.6	
4093000	Riesenhuber, Thomas	21/09/2022	4093000	22196774.8	
4093345	Coloplast A/S	20/01/2021	4093345	21701205.3	
4093559	SAFRAN AIRCRAFT ENGINES	18/01/2021	4093559	21705248.9	French
4094356	International Business Machines Corporation	15/01/2021	4094356	21700739.2	
4095293	Toray Industries, Inc.	05/03/2021	4095293	21772130.7	
4095917	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	23/01/2020	4095917	20866970.5	
4096127	Huawei Technologies Co., Ltd.	02/02/2021	4096127	21754488.1	
4096350	LG Electronics Inc.	25/05/2022	4096350	22175328.8	
4096393	Corti Zootechnici S.R.L.	25/01/2021	4096393	21706707.3	
4097557	Objectvideo Labs, LLC	01/02/2021	4097557	21747610.0	
4098034	Ofinno, LLC	13/12/2021	4098034	21851880.1	
4098079	BSH Hausgeräte GmbH	13/01/2021	4098079	21700128.8	German
4098224	OSF Healthcare System	09/01/2020	4098224	22187345.8	
4098356	CASALE SA	14/01/2019	4098356	22186506.6	
4098897	Aktiebolaget SKF	18/05/2022	4098897	22174154.9	
4099620	Apple Inc.	10/05/2022	4099620	22172663.1	
4099779	Huawei Technologies Co., Ltd.	14/02/2020	4099779	20918155.1	
4100881	GDM Holding LLC	08/02/2021	4100881	21704741.4	
4101181	Tencent America LLC	15/10/2021	4101181	21928338.9	
4101795	VisionNav Robotics USA Inc.	07/06/2022	4101795	22177559.6	
4101987	BAUER Spezialtiefbau GmbH	08/06/2021	4101987	21178238.8	German
4102211	Giesecke+Devrient ePayments GmbH	31/05/2022	4102211	22020252.7	German
4103084	Kyocera Medical Technologies, Inc.	11/02/2021	4103084	21753970.9	
4103693	Forschungsinstitut für Nutztierbiologie	14/10/2020	4103693	20792395.4	German
4103812	ConocoPhillips Company	03/02/2021	4103812	21752891.8	
4103969	Crown Equipment Corporation	12/02/2021	4103969	21710741.6	
4103972	Mitsubishi Electric Corporation	10/02/2021	4103972	21713157.2	
4104395	Sony Interactive Entertainment Inc.	13/02/2021	4104395	21711093.1	
4105050	ArvinMeritor Technology, LLC	09/06/2022	4105050	22178239.4	
4105052	FERRARI S.p.A.	14/06/2022	4105052	22178949.8	
4105147	Shanghai Quicktron Intelligent Technology Co., Ltd	08/01/2021	4105147	21776149.3	
4105647	Tetra Laval Holdings & Finance S.A.	04/05/2022	4105647	22171585.7	
4105722	Canon Kabushiki Kaisha	07/06/2022	4105722	22177465.6	
4105848	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	15/03/2021	4105848	21785015.5	
4106159	Goodrich Actuation Systems Limited	18/06/2021	4106159	21275087.1	
4106372	ZTE Corporation	29/09/2021	4106372	21879260.4	
4106378	NTT DOCOMO, INC.	13/02/2020	4106378	20918507.3	
4107016	VOLKSWAGEN AKTIENGESELLSCHAFT	21/01/2021	4107016	21701512.2	German
4107105	INVENTIO AG	08/02/2021	4107105	21703033.7	
4107113	Crown Equipment Corporation	17/02/2021	4107113	21710817.4	
4107164	GILEAD SCIENCES, INC.	18/02/2021	4107164	21710378.7	
4107412	Kuster North America, Inc.	22/02/2021	4107412	21757833.5	
4107414	ElringKlinger AG	09/02/2021	4107414	21704266.2	German
4107420	ElringKlinger Kunststofftechnik GmbH				
	CMP Composites	16/02/2021	4107420	21708288.2	French
	Centre National d'Études Spatiales				
4108023	ZTE Corporation	14/10/2020	4108023	20957037.3	
4108382	Hangzhou Great Star Industrial Co., Ltd. Ratchet Solutions, Inc.	03/03/2021	4108382	21763927.7	
4108487	DENSO THERMAL SYSTEMS S.p.A.	20/06/2022	4108487	22179839.0	

4108983	Dexerials Corporation	01/10/2018	4108983	22189276.3	
4109368	TGW Logistics GmbH	25/06/2021	4109368	21181705.1	German
4109398	Siemens Healthineers AG	22/06/2021	4109398	21180950.4	
4110586	Peridot Print LLC	24/02/2020	4110586	20921507.8	
4111346	Google LLC	05/10/2021	4111346	21801728.3	
4111461	Mentice AB	06/10/2020	4111461	20781563.0	
4112026	GDM S.p.A.	22/06/2022	4112026	22180490.9	
4112488	Ulzama Packaging, S.L.	28/06/2022	4112488	22382605.8	
4112987	Raccords et Plastiques Nicoll	23/06/2022	4112987	22180605.2	
4113074	Kabushiki Kaisha Toshiba Carrier Japan Corporation	24/08/2020	4113074	20921366.9	
4113188	Hamamatsu Photonics K.K.	03/03/2021	4113188	21784072.7	
4113664	Panasonic Intellectual Property Management Co., Ltd.	21/01/2021	4113664	21760667.2	
4114801	Fabio and Markus colloid engineering GmbH	25/02/2021	4114801	21708612.3	German
4115121	Petrurgia Eood Grenzebach BSH GmbH	03/03/2020	4115121	20714479.1	German
4115169	Immundiagnostik AG	19/02/2021	4115169	21707216.4	
4115540	Fournier, Laurent	01/03/2021	4115540	21707734.6	French
4115598	Microsoft Technology Licensing, LLC	21/01/2021	4115598	21704683.8	
4115730	Group Elastoteck	07/07/2022	4115730	22183595.2	French
4115879	Intas Pharmaceuticals Ltd.	30/07/2020	4115879	22192821.1	
4116763	LG Display Co., Ltd.	23/05/2022	4116763	22174792.6	
4117074	LG Energy Solution, Ltd.	21/10/2021	4117074	21886694.5	
4117077	Wuxi Lead Intelligent Equipment Co., Ltd.	14/10/2021	4117077	21881917.5	
4117412	Exel Industries	12/03/2021	4117412	21711235.8	
4117479	NIKE Innovate C.V.	04/03/2021	4117479	21714554.9	
4117761	Stryker Corporation Stryker European Operations Limited	05/03/2021	4117761	21714756.0	
4118987	Shenzhen Eigate Technology Co., Ltd.	10/12/2021	4118987	21000348.9	
4119005	Inter IKEA Systems B.V.	05/06/2017	4119005	22195040.5	
4119387	LG Innotek Co., Ltd.	08/03/2021	4119387	21767639.4	
4120473	BOE Technology Group Co., Ltd.	10/03/2020	4120473	20897677.9	
4120521	ZF Friedrichshafen AG	13/06/2022	4120521	22178557.9	German
4120566	Shenzhen Goodix Technology Co., Ltd.	10/01/2022	4120566	22150718.9	
4121387	Equifunctional B.V.	18/03/2021	4121387	21714275.1	
4121693	Dometic Sweden AB	17/03/2021	4121693	21713373.5	
4121781	VC VIII Polytech Holding ApS	11/03/2021	4121781	21712099.7	German
4121944	PTC Inc.	17/03/2021	4121944	21717716.1	
4122103	Huawei Technologies Co., Ltd.	12/06/2020	4122103	20733243.8	
4122315	Yamabiko Corporation	15/07/2022	4122315	22185150.4	
4123002	Chai, Chu	11/03/2021	4123002	21771810.5	
4123350	SUMITOMO ELECTRIC INDUSTRIES, LTD.	16/03/2021	4123350	21772149.7	
4123473	SAP SE	01/06/2022	4123473	22176751.0	
4123797	LG Energy Solution, Ltd.	18/10/2021	4123797	21892168.2	
4124766	A. Raymond et Cie	28/07/2021	4124766	21188236.0	
4125603	Hologic, Inc.	22/03/2021	4125603	21719348.1	
4125654	Warsaw Orthopedic, Inc.	04/03/2021	4125654	21782274.1	
4126110	CareFusion 303, Inc.	01/04/2021	4126110	21721692.8	
4126854	VIFOR (INTERNATIONAL) AG	23/03/2021	4126854	21712874.3	
4127371	MINERAL EXPERTISE AGC Glass Europe	01/04/2021	4127371	21716403.7	French
4127418	Energy Dome S.p.A.	23/03/2021	4127418	21719962.9	
4127622	Leaftech GmbH	26/03/2021	4127622	21714875.8	German
4127794	Covestro (Netherlands) B.V.	31/03/2021	4127794	21720625.9	
4128537	Telefonaktiebolaget LM ERICSSON (PUBL)	31/03/2020	4128537	20719337.6	
4128591	QUALCOMM INCORPORATED	24/03/2020	4128591	20927410.9	
4128819	META PLATFORMS TECHNOLOGIES, LLC	08/03/2021	4128819	21715070.5	

4128913	QUALCOMM INCORPORATED	27/01/2021	4128913	21707489.7	
4129340	Kyoto University	31/03/2021	4129340	21779632.5	
4129367	Gerresheimer Regensburg GmbH	03/08/2021	4129367	21189347.4	
4129823	Nipponkayaku Kabushikikaisha	02/03/2021	4129823	21776746.6	
4130418	Silu Verwaltung AG	20/07/2022	4130418	22186046.3	German
4130419	Silu Verwaltung AG	20/07/2022	4130419	22186049.7	German
4130738	Sekisui Medical Co., Ltd. Hamamatsu Photonics K.K.	23/03/2021	4130738	21774544.7	
4131914	Japan Tobacco Inc.	02/04/2020	4131914	20929612.8	
4132078	Vivo Mobile Communication Co., Ltd.	23/03/2021	4132078	21775143.7	
4132282	Société des Produits Nestlé S.A.	06/04/2021	4132282	21717389.7	
4132937	Adama Agan Ltd.	06/04/2021	4132937	21723423.6	
4133427	Microsoft Technology Licensing, LLC	09/02/2021	4133427	21709572.8	
4133822	QUALCOMM INCORPORATED	06/04/2021	4133822	21722636.4	
4134847	NEC Corporation	10/04/2020	4134847	20930459.1	
4134876	Commissariat à l'Energie Atomique et aux Energies Alternatives	09/08/2021	4134876	21306107.0	
4135549	NIKE Innovate C.V.	17/03/2021	4135549	21718303.7	
4136004	Zoox, Inc.	05/04/2021	4136004	21788664.7	
4136250	Rapid Micro Biosystems, Inc.	15/04/2021	4136250	21788176.2	
4136525	Siemens Aktiengesellschaft	19/05/2020	4136525	20730909.7	
4136602	Mitch, Eleanor	16/04/2021	4136602	21789060.7	
4136651	Cilag GmbH International	11/04/2022	4136651	22718799.4	
4136808	ECI Telecom Ltd.	13/04/2020	4136808	20720525.3	
4137838	Hyundai Mobis Co., Ltd.	19/08/2022	4137838	22191107.6	
4137934	Samsung Electronics Co., Ltd.	01/02/2018	4137934	22199889.1	
4138096	ENOVATE3D (HANGZHOU) TECHNOLOGY DEVELOPMENT CO., LTD.	16/06/2022	4138096	22765383.9	
4138342	GD Midea Air-Conditioning Equipment Co., Ltd. Midea Group Co., Ltd.	17/03/2021	4138342	21822569.6	
4139024	IREMA-Filter GmbH	23/04/2021	4139024	21725708.8	German
4139242	BendPak, Inc.	22/04/2021	4139242	21793119.5	
4139564	Hans Jensen Lubricators A/S	22/04/2021	4139564	21792457.0	
4139655	Beckman Coulter, Inc.	21/04/2021	4139655	21728339.9	
4139752	ABB SCHWEIZ AG	20/04/2020	4139752	20720803.4	
4140032	Arctic Instruments Oy	19/04/2021	4140032	21722521.8	
4140277	Stiga S.p.A. in breve anche St. S.p.A.	29/08/2022	4140277	22192648.8	
4140416	Covidien LP	13/09/2019	4140416	22200924.3	
4141311	Halliburton Energy Services, Inc.	26/07/2022	4141311	22187104.9	
4141423	NEC Corporation	20/04/2020	4141423	20932802.0	
4141456	Tohoku University	05/10/2021	4141456	21882582.6	
4141782	Shanghai United Imaging Healthcare Co., Ltd.	18/05/2021	4141782	21808874.8	
4141846	Löwenstein Medical Technology S.A.	18/08/2022	4141846	22190920.3	German
4142165	Beammwave AB	08/09/2016	4142165	22201873.1	
4142267	Vivo Mobile Communication Co., Ltd.	23/04/2021	4142267	21791591.7	
4142672	Raye's, Inc. dba Sizewise Manufacturing	30/04/2021	4142672	21727674.0	
4143044	Robert Bosch GmbH	27/04/2021	4143044	21722418.7	
4143105	Nypro Inc.	28/05/2021	4143105	21812519.3	
4143123	Otolift Traplift B.V.	22/04/2021	4143123	21720287.8	
4143401	PERI SE	26/04/2021	4143401	21722401.3	German
4143423	Scania CV AB	26/04/2021	4143423	21796079.8	
4143570	Laboratory Corporation of America Holdings	30/04/2021	4143570	21727310.1	
4143764	SodaX Pty Ltd	27/04/2021	4143764	21795835.4	
4143798	SodaX Pty Ltd	27/04/2021	4143798	21797427.8	
4143969	Hilti Aktiengesellschaft	20/04/2021	4143969	21718905.9	German
4144367	The Board of Trustees of the Leland Stanford Junior University	15/01/2009	4144367	22191294.2	
4144493	OPTIMA pharma containment GmbH	13/10/2021	4144493	21202453.3	German

4145122	Hefei Institutes of Physical Science, Chinese Academy of Sciences	14/05/2020	4145122	20933617.1	
4145467	University Of Virginia Patent Foundation	17/06/2015	4145467	22186166.9	
4146108	Smith & Nephew, Inc.	06/05/2021	4146108	21728391.0	
4146437	Smith & Nephew Orthopaedics AG				
4146437	Kyocera Senco Industrial Tools, Inc.	29/04/2021	4146437	21800402.6	
4147204	Medtronic Navigation, Inc.	03/05/2021	4147204	21727061.0	
4147682	Ecareyou Innovation, S.L.	13/09/2021	4147682	21382823.9	
4147842	Sumitomo Riko Company Limited	17/03/2021	4147842	21874780.6	
4147991	F. Ceredi S.p.A.	05/09/2022	4147991	22193827.7	
4148002	STILL GmbH	03/08/2022	4148002	22188482.8	German
4148437	Hamamatsu Photonics K.K.	05/04/2021	4148437	21811885.9	
4148914	Aptiv Technologies AG	20/05/2022	4148914	22174634.0	
4148951	Toyo System Co., Ltd.	24/02/2022	4148951	22810882.5	
4149156	SK TELECOM CO., LTD.	06/03/2017	4149156	22204310.1	
4150714	Phoenix Contact GmbH & Co. KG	05/05/2021	4150714	21723260.2	German
4150771	Harman Becker Automotive Systems GmbH	15/05/2020	4150771	20726412.8	
4150853	Zama SAS	14/05/2021	4150853	21755798.2	French
4151102	KT & G Corporation	30/06/2022	4151102	22777938.6	
4151135	Vorwerk & Co. Interholding GmbH	15/09/2021	4151135	21196937.3	German
4151216	ShanghaiTech University	29/04/2021	4151216	21802901.5	
4152201	Altera Corporation	29/06/2022	4152201	22181837.0	
4152298	Lockheed Martin Corporation	14/09/2022	4152298	22195621.2	
4153262	Cellquest	20/05/2021	4153262	21734397.9	French
4153527	ALPLA Werke Alwin Lehner GmbH & Co. KG	17/05/2021	4153527	21727415.8	German
4154625	QUALCOMM INCORPORATED	13/05/2021	4154625	21730381.7	
4154626	QUALCOMM INCORPORATED	13/05/2021	4154626	21730387.4	
4154627	QUALCOMM INCORPORATED	19/05/2021	4154627	21732665.1	
4154741	Shenzhen Merit Technology Co., Ltd.	02/02/2021	4154741	21847384.1	
4154814	WIZP AS	02/08/2019	4154814	22207532.7	French
4155532	Zhejiang University Shanghai Electric Wind Power Group Co., Ltd.	19/05/2021	4155532	21808697.3	
4155858	Jingdong Technology Information Technology Co., Ltd.	23/09/2021	4155858	21905187.7	
4155870	Intel Corporation	08/08/2022	4155870	22189239.1	
4155948	INTEL Corporation	08/08/2022	4155948	22189247.4	
4156711	GN Hearing A/S	28/09/2021	4156711	21199644.2	
4156878	Google LLC	20/02/2019	4156878	22204146.9	
4157177	Mölnlycke Health Care AB	24/05/2021	4157177	21727874.6	
4157436	Medtronic, Inc.	14/05/2021	4157436	21730060.7	
4157757	Oceaneering International, Inc.	02/06/2021	4157757	21818388.7	
4158543	Linxens Holding	28/05/2020	4158543	20756954.2	
4158569	Caterpillar Inc.	05/03/2021	4158569	21817442.3	
4159404	Autodesk, Inc.	04/10/2022	4159404	22199684.6	
4159686	Panasonic Intellectual Property Management Co., Ltd.	21/05/2021	4159686	21814629.8	
4159913	Takemoto Yushi Kabushiki Kaisha	04/06/2021	4159913	21821920.2	
4159990	Hamilton Sundstrand Corporation	09/09/2022	4159990	22194935.7	
4160206	Antonio Puig, S.A.	29/09/2021	4160206	21382875.9	
4160453	Bull SAS	04/10/2021	4160453	21200770.2	
4160539	Siemens Healthineers International AG	29/09/2022	4160539	22198789.4	
4160616	City of Hope National Medical Center Siemens Healthineers AG	28/09/2022	4160616	22198448.7	
4160812	Samsung Electronics Co., Ltd.	05/07/2021	4160812	21837920.4	
4160826	J.S.T. Corporation	30/01/2020	4160826	22195774.9	
4161000	Rockwell Automation Technologies, Inc.	20/09/2022	4161000	22196589.0	
4161284	Prairie Aquatech LLC	10/03/2021	4161284	21823074.6	
4161383	Ascensia Diabetes Care Holdings AG	02/06/2021	4161383	21733065.3	
4161612	SHL Medical AG	12/05/2021	4161612	21725759.1	

4161638	Mayo Foundation for Medical Education and Research	02/07/2021	4161638	21755851.9	
4162203	Metso Metals Oy	09/06/2020	4162203	20891419.2	
4162287	Google LLC	15/07/2021	4162287	21752367.9	
4162611	Research Industrial Systems Engineering (RISE) Forschungs-, Entwicklungs- und Grossprojektberatung GmbH	14/05/2021	4162611	21729400.8	German
4162849	Whirlpool Corporation	06/10/2022	4162849	22200157.0	
4162927	Philip Morris Products S.A.	05/06/2020	4162927	22208954.2	
4162959	Fenwal, Inc.	04/10/2022	4162959	22199537.6	
4163088	Sasib S.p.A.	05/10/2022	4163088	22199758.8	
4163176	Robert Bosch GmbH	20/09/2022	4163176	22196450.5	German
4163195	Oxo Pro Pte. Ltd.	15/10/2021	4163195	21202867.4	
4163254	LG Energy Solution, Ltd.	27/01/2022	4163254	22746239.7	
	Industry-Academic Cooperation Foundation, Yonsei University				
4163725	Ricoh Company, Ltd.	13/09/2022	4163725	22195271.6	
4164488	Abbott Diabetes Care Inc.	13/05/2021	4164488	21756087.9	
4164537	Mazor Robotics Ltd.	08/06/2021	4164537	21737150.9	
4164721	Becton, Dickinson and Company	07/06/2021	4164721	21736461.1	
4165527	L & T Technology Services Limited	01/08/2022	4165527	22748213.0	
4165777	MACOM Technology Solutions Holdings, Inc.	17/06/2021	4165777	21740364.1	
4165860	ORANGE	07/06/2021	4165860	21749286.7	
4165871	Microsoft Technology Licensing, LLC	02/02/2021	4165871	21707868.2	
4165985	LG Electronics, Inc.	13/10/2022	4165985	22201366.6	
4166082	Biosense Webster (Israel) Ltd	14/10/2022	4166082	22201515.8	
4166100	Humeca B.V.	11/10/2022	4166100	22200838.5	
4166307	Airbus Defence and Space GmbH	14/10/2021	4166307	21202628.0	
	Airbus (S.A.S.)				
4166429	MAN Truck & Bus SE	04/10/2022	4166429	22199653.1	German
4166456	The Boeing Company	11/10/2022	4166456	22200907.8	
4166627	Luxium Solutions SAS	18/02/2016	4166627	22212530.4	
4166778	MANN+HUMMEL GmbH	14/10/2021	4166778	21290065.8	
4166795	Parker-Hannifin Corporation	06/10/2022	4166795	22199968.3	
4166920	Badger Meter, Inc.	14/10/2022	4166920	22275136.4	
4166937	Samsung Display Co., Ltd.	14/10/2022	4166937	22201635.4	
4167075	Siemens Ltd. China	14/07/2020	4167075	20944853.9	
4167177	Universidad Internacional de La Rioja (UNIR)	18/10/2021	4167177	21382936.9	
4167395	CIS Global LLC	12/10/2022	4167395	22201216.3	
4167658	MediaTek Inc.	13/10/2022	4167658	22201276.7	
4167706	L3Harris Technologies, Inc.	13/10/2022	4167706	22201299.9	
4167708	VADERSTAD INDUSTRIES INC.	16/06/2021	4167708	21826048.7	
4168751	Integra Metering AG	17/06/2021	4168751	21740598.4	French
4168841	TRUMPF Lasersystems for Semiconductor Manufacturing SE	18/06/2020	4168841	20734860.8	German
4169108	GRST SINGAPORE PTE. LTD.	25/12/2020	4169108	20941173.5	
4169664	Huawei Technologies Co., Ltd.	10/06/2021	4169664	21837736.4	
	Nanjing Enigma Automation Co., Ltd.				
4169748	MFT Transport Systeme GmbH	19/10/2022	4169748	22202521.5	German
4169803	ALSTOM Holdings	20/10/2021	4169803	21306464.5	
4170220	LG Electronics, Inc.	17/10/2022	4170220	22201804.6	
4170386	Suteng Innovation Technology Co., Ltd	21/10/2022	4170386	22202936.5	
4170746	Prime Planet Energy & Solutions, Inc.	17/10/2022	4170746	22201931.7	
4170871	General Electric Renovables España S.L.	22/10/2021	4170871	21382957.5	
4171848	Hilti Aktiengesellschaft	10/06/2021	4171848	21732010.0	German
4172456	PAO "TMK"	29/06/2020	4172456	20848731.4	
4172579	KSB SE & Co. KGaA	23/06/2021	4172579	21743376.2	German
4172679	Google LLC	30/06/2020	4172679	20740776.8	
4172971	SKYSAFE, INC.	11/05/2021	4172971	21730021.9	
4173544	LG Electronics Inc.	31/10/2022	4173544	22204610.4	

4173969	Illinois Tool Works, Inc.	26/10/2021	4173969	21204860.7	
4173991	OP-Hygiene IP GmbH	27/10/2022	4173991	22204090.9	
4174140	Nanoprom Chemicals S.r.l.	26/10/2022	4174140	22203782.2	
4174199	Mitsubishi Materials Corporation	30/06/2021	4174199	21833422.5	
4174408	CHONGQING HAIER REFRIGERATION ELECTRIC APPLIANCE CO., LTD. QINGDAO HAIER REFRIGERATOR CO., LTD. HAIER SMART HOME CO., LTD.	18/06/2021	4174408	21833276.5	
4174418	CHONGQING HAIER REFRIGERATION ELECTRIC APPLIANCE CO., LTD. QINGDAO HAIER REFRIGERATOR CO., LTD. HAIER SMART HOME CO., LTD.	18/06/2021	4174418	21832444.0	
4174420	CHONGQING HAIER REFRIGERATION ELECTRIC APPLIANCE CO., LTD. Qingdao Haier Refrigerator Co., Ltd Haier Smart Home Co., Ltd.	18/06/2021	4174420	21834237.6	
4174421	CHONGQING HAIER REFRIGERATION ELECTRIC APPLIANCE CO., LTD. QINGDAO HAIER REFRIGERATOR CO., LTD. HAIER SMART HOME CO., LTD.	18/06/2021	4174421	21834625.2	
4174573	LG Innotek Co., Ltd.	24/06/2021	4174573	21834088.3	
4175074	Helu Kabel GmbH	24/10/2022	4175074	22203219.5	German
4175240	Huawei Technologies Co., Ltd.	13/07/2021	4175240	21842512.2	
4176195	OMITALY SRL	01/07/2021	4176195	21782802.9	
4176487	Google LLC	31/08/2021	4176487	21773990.3	
4176808	Sony Interactive Entertainment Inc.	13/10/2022	4176808	22201377.3	
4176957	Coway Co., Ltd.	02/07/2021	4176957	21833335.9	
4176987	Aliko Oy Ltd	26/10/2022	4176987	22203721.0	
4177171	The Boeing Company	10/10/2022	4177171	22200689.2	
4177249	Hitgen Inc.	15/04/2021	4177249	21837336.3	
4177493	Kristh�l GmbH	19/10/2022	4177493	22202350.9	German
4177521	ebm-papst Landshut GmbH	17/10/2022	4177521	22201795.6	German
4177688	TRUMPF Werkzeugmaschinen SE + Co. KG	27/10/2022	4177688	22203982.8	German
4177846	eBay Inc.	04/11/2022	4177846	22205463.7	
4178251	Vivo Mobile Communication Co., Ltd.	02/08/2021	4178251	21853115.0	
4178729	CoteX Technologies Inc.	09/07/2021	4178729	21838605.0	
4178967	Entegris, Inc.	08/07/2021	4178967	21838229.9	
4179104	F. Hoffmann-La Roche AG	05/07/2021	4179104	21739650.6	
4179278	QUALCOMM INCORPORATED	07/06/2021	4179278	21737258.0	
4179678	QUALCOMM INCORPORATED	25/06/2021	4179678	21746604.4	
4180186	LG Electronics Inc.	14/10/2020	4180186	20944356.3	
4180339	Beyond Gravity Sweden AB	10/11/2021	4180339	21207532.9	
4180482	Nitto Kasei Co., Ltd.	07/07/2021	4180482	21841282.3	
4180785	Vaillant GmbH	09/11/2022	4180785	22206368.7	German
4181183	Dow Toray Co., Ltd.	13/07/2020	4181183	20945307.5	
4181255	LG Energy Solution, Ltd.	19/01/2022	4181255	22742829.9	
4181488	Kunshan Go-Visionox Opto-Electronics Co., Ltd.	24/08/2021	4181488	21888256.1	
4182065	The Global Alliance for TB Drug Development, Inc.	30/08/2021	4182065	21864952.3	
4182106	Wirestyle GmbH	29/06/2021	4182106	21749531.6	German
4182567	Gigavac LLC	21/07/2021	4182567	21847361.9	
4183368	Landata-Cobiporc	30/08/2022	4183368	22192919.3	French
4183525	Wissner, Kirsten	14/11/2022	4183525	22207122.7	German
4184225	MITSUBISHI GAS CHEMICAL COMPANY, INC.	09/07/2021	4184225	21842442.2	
4184277	Japan Aerospace Exploration Agency	16/07/2021	4184277	21843229.2	
4184455	Hand Held Products, Inc.	21/10/2022	4184455	22202991.0	

4184609	LG Energy Solution, Ltd.	28/12/2021	4184609	21915794.8	
4184716	Huawei Technologies Co. Ltd.	13/07/2021	4184716	21843336.5	
4184872	Huawei Technologies Co. Ltd.	01/07/2021	4184872	21851061.8	
4185084	Samsung Electronics Co., Ltd.	25/10/2021	4185084	21886727.3	
4185780	Howmet Aerospace Inc.	16/07/2021	4185780	21846840.3	
4186015	THALES	07/07/2021	4186015	21743111.3	French
4186257	QUALCOMM INCORPORATED	24/07/2021	4186257	21756121.6	
4186423	Bionime Corporation	03/08/2020	4186423	23151910.9	
4187519	SOMFY ACTIVITES SA	11/11/2022	4187519	22206960.1	French
4188989	BASF SE	23/07/2021	4188989	21762345.3	
4189458	Abberior Instruments GmbH	29/07/2021	4189458	21752527.8	German
4189634	Google LLC	04/09/2020	4189634	20775500.0	
4190134	InVue Security Products, Inc.	27/07/2021	4190134	21848753.6	
4190423	Japan Tobacco Inc.	02/08/2021	4190423	21852168.0	
4190687	Anduril Industries, Inc.	21/04/2016	4190687	23152519.7	
4192056	Datang Mobile Communications Equipment Co., Ltd.	25/10/2019	4192056	23153299.5	
4192248	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	09/08/2021	4192248	21856507.5	
4192473	scPharmaceuticals Inc.	05/08/2021	4192473	21770335.4	
4193059	Velocity Wind Turbines LLC	09/08/2021	4193059	21856513.3	
4193779	Sony Group Corporation	03/08/2021	4193779	21754966.6	
4193915	BITSENSING INC.	14/09/2022	4193915	22195587.5	
4194188	Essilor International	10/12/2021	4194188	21306744.0	
4194966	ETA SA Manufacture Horlogère Suisse	07/12/2021	4194966	21212894.6	French
4195071	SAP SE	17/10/2022	4195071	22202003.4	
4195228	Xi' An Sinofuse Electric Co., Ltd.	30/09/2022	4195228	22830119.8	
4195432	Nitto Kogyo Corporation	03/08/2021	4195432	21852930.3	
4195767	Vivo Mobile Communication Co., Ltd.	04/08/2021	4195767	21852238.1	
4197013	Maschinenfabrik Reinhausen GmbH	21/07/2021	4197013	21748590.3	German
4197137	Telefonaktiebolaget LM Ericsson (publ)	11/08/2021	4197137	21758775.7	
4197287	Watlow Electric Manufacturing Company	12/08/2021	4197287	21766287.3	
4197712	Seiko Epson Corporation	11/12/2022	4197712	22212680.7	
4197719	The Boeing Company	07/10/2022	4197719	22200376.6	
4198072	mitsubishi gas chemical company, inc.	19/07/2017	4198072	23151101.5	
4198578	PGS Geophysical AS	02/12/2022	4198578	22211139.5	
4198879	Leica Microsystems CMS GmbH	16/12/2021	4198879	21214996.7	
4200114	Schunk Kohlenstofftechnik GmbH	09/10/2020	4200114	20792941.5	German
4200193	VOLVO TRUCK CORPORATION	24/08/2020	4200193	20764593.8	
4201233	KT & G Corporation	28/10/2022	4201233	22812403.8	
4201282	Alfred Kärcher SE & Co. KG	26/02/2018	4201282	23156623.3	German
4201300	Karl Storz SE & Co. KG	22/12/2022	4201300	22216151.5	
4201741	Valeo Vision	21/12/2021	4201741	21216544.3	
4202265	Eagle Industry Co., Ltd.	17/08/2021	4202265	21861308.1	
4202330	Samsung Electronics Co., Ltd.	15/10/2021	4202330	21894894.1	
4202448	University of Electronic Science and Technology of China	10/09/2021	4202448	21868551.9	
4202516	INTEL Corporation	04/11/2022	4202516	22205545.1	
4202585	dSPACE GmbH	20/12/2022	4202585	22214880.1	German
4203366	Nokia Technologies Oy	22/12/2021	4203366	21217038.5	
4204301	ISRAEL AEROSPACE INDUSTRIES LTD.	30/06/2021	4204301	21860736.4	
4204350	Liebherr-Werk Biberach GmbH	22/10/2021	4204350	21799223.9	German
4204397	Helmholtz-Zentrum für Infektionsforschung GmbH	24/08/2021	4204397	21766627.0	
4204774	Universität des Saarlandes				
4204774	DMD Electronics Pty Ltd	24/08/2021	4204774	21859403.4	
4204868	Northrop Grumman Systems Corporation	05/05/2021	4204868	21729100.4	
4204986	Stream Analyze Sweden AB	18/08/2021	4204986	21862189.4	
4205229	VIASAT INC.	13/09/2021	4205229	21878761.2	
4205570	KT & G Corporation	28/10/2022	4205570	22813869.9	

4205778	Gambro Lundia AB	30/12/2021	4205778	21306959.4	
4206450	RTX Corporation	24/07/2019	4206450	23158640.5	
4206474	Pfeiffer Vacuum Technology AG	30/12/2021	4206474	21218345.3	German
4206592	LG Electronics, Inc.	30/12/2022	4206592	22217371.8	
4206629	Urugus S.A.	13/12/2022	4206629	22213119.5	
4206865	Huawei Technologies Co. Ltd.	08/09/2021	4206865	21879162.2	
4207365	LG Energy Solution, Ltd.	01/08/2022	4207365	22861576.1	
4207583	Nanjing Chervon Industry Co., Ltd.	22/09/2021	4207583	21881803.7	
4208045	Nicoventures Trading Limited	03/09/2021	4208045	21773498.7	
4208864	Play Music With Friends LLC	31/08/2021	4208864	21864988.7	
4209134	Industrial Technology Research Institute	19/12/2022	4209134	22214624.3	
4209483	Calico Life Sciences LLC	11/10/2019	4209483	22210424.2	
	AbbVie Inc.				
4209792	MEDIATEK INC.	04/01/2023	4209792	23150342.6	
4209842	CANON KABUSHIKI KAISHA	29/12/2022	4209842	22217092.0	
4210259	LG Electronics Inc.	21/10/2022	4210259	22203043.9	
4211600	Swiss Reinsurance Company Ltd.	09/09/2021	4211600	21773775.8	
4212089	Fielmann Ventures GmbH	12/01/2023	4212089	23151371.4	German
4212272	C.Ed. Schulte Gesellschaft mit beschränkter Haftung Zylinderschlossfabrik	05/01/2023	4212272	23150448.1	German
4212342	Kyocera Corporation	27/10/2021	4212342	21886288.6	
4212668	Kuraray Co., Ltd.	31/08/2021	4212668	21866598.2	
4212841	Adtran Networks SE	13/01/2022	4212841	22151428.4	
4212907	NEC Corporation	14/10/2020	4212907	20957645.3	
4213048	NTT, Inc.	14/10/2020	4213048	20957650.3	
4213112	Bayerische Motoren Werke Aktiengesellschaft	13/01/2022	4213112	22151445.8	
4213350	Daikin Industries, Ltd.	07/09/2021	4213350	21866735.0	
4213533	Huawei Technologies Co., Ltd.	14/02/2019	4213533	22213030.4	
4213732	Myocene	03/11/2021	4213732	21801135.1	
4213766	Carl Zeiss Meditec AG	21/09/2020	4213766	20786188.1	
4214483	Kolektor Microtel S.r.l.	18/10/2021	4214483	21793938.8	
4214768	Samsung Display Co., Ltd.	17/09/2021	4214768	21785776.2	
4214769	Samsung Display Co., Ltd.	17/09/2021	4214769	21785777.0	
4214954	Telefonaktiebolaget LM Ericsson (publ)	17/09/2020	4214954	20780587.0	
4215666	BSH Hausgeräte GmbH	10/01/2023	4215666	23150915.9	
4215733	RTX Corporation	18/01/2023	4215733	23152300.2	
4216031	Hand Held Products, Inc.	19/07/2019	4216031	23161079.1	
4216043	STMicroelectronics Asia Pacific Pte Ltd.	13/01/2023	4216043	23151563.6	
4216113	NTT, Inc.	18/09/2020	4216113	20954192.9	
4217904	Synopsys, Inc.	10/12/2021	4217904	21843824.0	
4218281	Nokia Technologies Oy	22/09/2020	4218281	20780135.8	
4218495	Autoliv Development AB	30/03/2020	4218495	23163179.7	
4218753	Mayo Foundation for Medical Education and Research	12/07/2018	4218753	22197886.9	
4219256	NISSAN MOTOR CO., LTD.	25/09/2020	4219256	20955116.7	
	NEW H POWERTRAIN HOLDING, S.L.U.				
4220110	Rosemount Inc.	30/09/2016	4220110	23172991.4	
4220155	Hypros GmbH	05/10/2020	4220155	23161735.8	
4220515	nChain Licensing AG	21/07/2017	4220515	23164293.5	
4220550	Rakuten Group, Inc.	07/12/2021	4220550	21943319.0	
4220662	Universidad Internacional de La Rioja (UNIR)	01/02/2022	4220662	22382085.3	
4221798	Koninklijke Philips N.V.	22/09/2021	4221798	21778493.3	
4222007	DAF Trucks N.V.	01/10/2021	4222007	21794237.4	
4222353	SAFRAN AIRCRAFT ENGINES	01/10/2021	4222353	21798752.8	French
4222938	Nokia Solutions and Networks Oy	02/10/2020	4222938	20789876.8	
4223018	Signify Holding B.V.	21/09/2021	4223018	21770284.4	
4223097	Amazonen-Werke H. Dreyer SE & Co. KG	23/01/2023	4223097	23401002.3	German
4223439	MONKULA ENTERPRISE CO., LTD.	04/02/2022	4223439	22155102.1	
4223897	NIPPON STEEL CORPORATION	18/11/2021	4223897	21894710.9	

4223995	Rolls-Royce plc	04/01/2023	4223995	23150237.8	German
4224076	ThaiBerlin AG	02/02/2023	4224076	23154739.9	
4224261	OMRON Corporation	02/03/2021	4224261	21874769.9	
4224318	BMC Helix, Inc.	29/12/2019	4224318	23163866.9	
4224322	BEIJING BAIDU NETCOM SCIENCE TECHNOLOGY CO., LTD.	01/06/2022	4224322	22823302.9	
4224349	NEC Corporation	01/10/2020	4224349	20956308.9	German
4224466	Harman International Industries, Incorporated	02/02/2023	4224466	23154703.5	
4224781	Shenzhen National Engineering Laboratory of Digital Television Co., Ltd.	18/08/2021	4224781	21905097.8	
4224824	Samsung Electronics Co., Ltd.	29/09/2021	4224824	21892129.4	
4225057	Philip Morris Products, S.A.	08/10/2021	4225057	21790155.2	
4225058	Philip Morris Products, S.A.	11/10/2021	4225058	21790851.6	German
4225059	Philip Morris Products, S.A.	08/10/2021	4225059	21789743.8	
4225079	JT International SA	08/10/2021	4225079	21790842.5	
4225107	ATL Associates Limited	06/10/2021	4225107	21790122.2	
4225163	Aesculap AG	08/10/2021	4225163	21787469.2	
4225171	Applied Medical Resources Corporation	08/10/2021	4225171	21801367.0	German
4225174	Applied Medical Resources Corporation	08/10/2021	4225174	21806539.9	
4225249	Skincubator Neocare Ltd.	10/10/2021	4225249	21877145.9	
4225403	Becton Dickinson France	04/10/2021	4225403	21783312.8	
4225476	Sartorius Stedim Biotech GmbH	07/10/2021	4225476	21785924.8	
4225537	B. Braun New Ventures GmbH	12/10/2022	4225537	22801770.3	German
4225629	Trailer Dynamics GmbH	05/10/2021	4225629	21794314.1	
4225643	Telefonaktiebolaget LM Ericsson (publ)	08/10/2020	4225643	20789928.7	
4225658	GEKA GmbH	18/01/2022	4225658	22700664.0	
4225858	Samsung Electronics Co., Ltd	11/10/2021	4225858	21815911.9	
4226044	Pierburg GmbH	08/10/2020	4226044	20789083.1	German
4226152	DH Technologies Development Pte. Ltd.	06/10/2021	4226152	21794641.7	
4226157	Eximmium Biotechnologies GmbH	08/10/2021	4226157	21798574.6	
	Helmholtz Zentrum München - Deutsches Forschungszentrum für Gesundheit und Umwelt (GmbH)				
4226188	Evident Canada, Inc.	06/10/2021	4226188	21876809.1	
4226529	Ibiquity Digital Corporation	07/10/2021	4226529	21810170.7	German
4226647	The Johns Hopkins University	08/10/2021	4226647	21878585.5	
4226682	Telefonaktiebolaget LM Ericsson (publ)	05/10/2021	4226682	21794974.2	
4226723	ZTE Corporation	09/10/2020	4226723	20956502.7	
4226898	Otto Bock Healthcare Products GmbH	06/10/2017	4226898	23172121.8	
4227214	Mitsubishi Heavy Industries, Ltd.	13/01/2022	4227214	22723003.4	German
4227561	VAT Holding AG	12/01/2023	4227561	23151336.7	
4228061	LG Energy Solution, Ltd.	05/08/2022	4228061	22858654.1	
4228263	Beijing Dajia Internet Information Technology Co., Ltd.	08/10/2019	4228263	23179394.4	
4228313	NTT DOCOMO, INC.	09/10/2020	4228313	20956788.2	
4228565	Stomtop Ltd.	05/10/2021	4228565	21879651.4	German
4228623	Reaction Biology Corp.	12/10/2021	4228623	21880893.9	
	Ohio State Innovation Foundation				
4228775	Karsten Manufacturing Corporation	14/10/2021	4228775	21881148.7	
4228859	Milwaukee Electric Tool Corporation	15/10/2021	4228859	21881155.2	
4228931	Autoliv ASP, Inc.	07/10/2021	4228931	21802570.8	German
4229058	The Johns Hopkins University	12/10/2021	4229058	21880875.6	
4229172	Cytiva Sweden AB	07/10/2021	4229172	21790817.7	
4229275	Saudi Arabian Oil Company	13/10/2021	4229275	21815719.6	
4229461	Huawei Technologies Co. Ltd.	15/12/2020	4229461	20833764.2	
4229487	Mitsubishi Electric Corporation	02/07/2021	4229487	21752767.0	German
4229683	FRAUNHOFER-GESELLSCHAFT zur Förderung der angewandten Forschung e. V.	14/10/2021	4229683	21794504.7	
4229832	Zoom Communications, Inc.	11/10/2021	4229832	21807351.8	
4230096	Whirlpool Corporation	16/02/2023	4230096	23157129.0	

4230373	Panasonic Intellectual Property Management Co., Ltd.	12/10/2021	4230373	21880097.7	
4230483	Renault s.a.s	14/10/2020	4230483	20957557.0	
4230612	MITSUBISHI GAS CHEMICAL COMPANY, INC.	19/10/2021	4230612	21882811.9	
4230772	Kyoto University NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY	14/10/2021	4230772	21880200.7	
	De Nora Permelec Ltd				
4230889	TEJASA-TC, S.L.L.	11/10/2021	4230889	21879581.3	
4231021	Daikin Industries, Ltd.	07/10/2021	4231021	21879967.4	
4231321	TMY Technology Inc.	11/01/2023	4231321	23151095.9	
4231573	LG Electronics Inc.	15/10/2021	4231573	21880588.5	
4231868	Cornell University	15/10/2021	4231868	21883602.1	
4231935	Taiwan Surgical Corporation	20/10/2020	4231935	20957911.9	
4232244	ABB SCHWEIZ AG	26/10/2020	4232244	20958945.6	
4232337	Rudolf, Alexander	26/10/2021	4232337	21801104.7	
4232695	SAFRAN AIRCRAFT ENGINES	18/10/2021	4232695	21810073.3	French
4232885	Google LLC	14/10/2021	4232885	21802887.6	
4232895	Microsoft Technology Licensing, LLC	12/08/2021	4232895	21773672.7	
4233030	Jenoptik Robot GmbH	18/10/2021	4233030	21797976.4	German
4233031	Jenoptik Robot GmbH	18/10/2021	4233031	21798312.1	German
4233050	Google LLC	20/10/2021	4233050	21810802.5	
4233221	Qualcomm Incorporated	20/08/2021	4233221	21773189.2	
4233249	Telefonaktiebolaget LM Ericsson (publ)	21/10/2021	4233249	21798357.6	
4233428	Lenovo (Beijing) Limited	22/10/2020	4233428	20958155.2	
4233735	RECROSS CARDIO, INC.	04/05/2020	4233735	23175244.5	
4234253	Kyocera Corporation	24/11/2021	4234253	21897990.4	
4234494	MITSUI E&S Co., Ltd.	06/10/2021	4234494	21882593.3	
4234894	General Electric Company	15/06/2017	4234894	23174180.2	
4235067	LG Electronics Inc.	18/10/2021	4235067	21883161.8	
4235227	Dai Nippon Printing Co., Ltd.	27/02/2019	4235227	23178858.9	
4235336	Suzhou Cleva Precision Machinery & Technology Co., Ltd.	20/11/2020	4235336	20959472.0	
4235974	Nexans	23/02/2022	4235974	22305198.8	
4236351	Samsung Electronics Co., Ltd.	30/12/2021	4236351	21937106.9	
4236558	LG ELECTRONICS, INC.	22/10/2021	4236558	21883321.8	
4236656	Apple Inc.	23/09/2014	4236656	23180473.3	
4236814	RECROSS CARDIO, INC.	29/10/2021	4236814	21810112.9	
4237231	SAFRAN AIRCRAFT ENGINES	25/10/2021	4237231	21810410.7	French
4237335	Runway Safe IPR AB	29/10/2021	4237335	21801923.0	
4237343	GPI Systems AB	14/10/2021	4237343	21887037.6	
4237513	Ineratec GmbH	14/10/2021	4237513	21798959.9	German
4237619	HP3 Real GmbH	27/10/2021	4237619	21810270.5	German
4237651	Universal City Studios LLC	20/10/2021	4237651	21806102.6	
4237714	Metersit S.r.l.	27/10/2021	4237714	21810427.1	
4237842	DH Technologies Development Pte. Ltd.	30/10/2021	4237842	21806387.3	
4237876	UCL Business Ltd	29/10/2021	4237876	21810413.1	
	Kromek Limited				
4237879	Centre National de la Recherche Scientifique Ecole Normale Supérieure de Lyon Université Claude Bernard Lyon 1	27/10/2021	4237879	21798049.9	French
4237939	Veracode, Inc.	29/10/2020	4237939	20960158.2	
4237981	InterDigital Patent Holdings, Inc.	28/10/2021	4237981	21811198.7	
4238020	Centenaro, Nicola	27/10/2021	4238020	21798807.0	
4238244	Oledcomm	29/10/2021	4238244	21815562.0	French
4238342	Telefonaktiebolaget LM Ericsson (publ)	30/10/2020	4238342	20959981.0	
4238421	Amano Enzyme Manufacturing (China), Ltd. Amano Enzyme Inc.	28/10/2021	4238421	21886358.7	

4238819	CNH Industrial Italia S.p.A.	01/03/2023	4238819	23159367.4	
4238888	Svalinn Cap Systems AG	03/03/2022	4238888	22160020.8	
4238924	LINGONG HEAVY MACHINERY CO., LTD	12/10/2022	4238924	22871142.0	
4238951	China Petroleum & Chemical Corporation BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION	19/10/2021	4238951	21884978.4	
4239227	Everllence, filial af Everllence SE, Tyskland	21/02/2023	4239227	23157754.5	
4239756	Huawei Digital Power Technologies Co., Ltd.	22/02/2023	4239756	23157904.6	
4240250	Cilag GmbH International	30/08/2022	4240250	22772587.6	
4240297	Purewick Corporation	26/10/2021	4240297	21807470.6	
4240440	Gambro Lundia AB	29/10/2021	4240440	21801548.5	
4241076	Trace Sensing Technologies Inc.	04/11/2021	4241076	21899299.8	
4241986	Kitagawa Industries Co., Ltd.	04/10/2021	4241986	21888957.4	
4242153	TMT Machinery, Inc.	15/02/2023	4242153	23156757.9	
4242630	Molecular Devices, LLC	24/10/2017	4242630	23172051.7	
4242712	Reichle & De-Massari AG	10/03/2022	4242712	22161412.6	
4242828	Koninklijke Philips N.V.	20/08/2019	4242828	23177541.2	
4242829	Koninklijke Philips N.V.	20/08/2019	4242829	23177549.5	
4242835	Honor Device Co., Ltd.	19/12/2022	4242835	22899609.6	
4242995	LG ELECTRONICS INC.	16/05/2022	4242995	22173596.2	
4243192	LG Energy Solution, Ltd.	20/06/2022	4243192	22828684.5	
4243340	NXP B.V.	09/03/2022	4243340	22161144.5	
4244201	Bridge Farm Bioscience Limited	21/10/2021	4244201	21794176.4	
4244433	Neoperl GmbH	15/10/2021	4244433	21797968.1	German
4244812	Google LLC	19/01/2021	4244812	21705089.7	
4245514	Mitsubishi Heavy Industries Machinery Systems, Ltd.	20/12/2021	4245514	21910714.1	
4245585	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	21/06/2021	4245585	21896287.6	
4246192	KEIWA Incorporated	06/10/2021	4246192	21900289.6	
4246243	Ricoh Company, Ltd.	10/03/2023	4246243	23161201.1	
4246346	Bayerische Motoren Werke Aktiengesellschaft	18/03/2022	4246346	22163021.3	
4246553	STMicroelectronics S.r.l.	07/03/2023	4246553	23160409.1	
4247671	Bayerische Motoren Werke Aktiengesellschaft	27/10/2021	4247671	21802231.7	German
4248164	THALES	15/11/2021	4248164	21814742.9	French
4248927	Unicharm Corporation	15/12/2021	4248927	21915092.7	
4248928	Unicharm Corporation	15/12/2021	4248928	21915100.8	
4249021	Nipharma Co., Ltd.	12/10/2021	4249021	21894376.9	
4249163	Jinan Bodor CNC Machine Co., Ltd.	31/10/2022	4249163	22886157.1	
4249768	Tsubakimoto Chain Co.	15/03/2023	4249768	23162144.2	
4249777	Astemo, Ltd.	29/10/2021	4249777	21894448.6	
4249801	Milwaukee Electric Tool Corporation	05/10/2018	4249801	23168714.6	
4250052	Changchun Jetty Automotive Technology Co., Ltd.	09/07/2021	4250052	21893412.3	
4250083	Samsung Electronics Co., Ltd.	18/01/2023	4250083	23152175.8	
4250095	Juniper Networks, Inc.	21/03/2023	4250095	23163150.8	
4250116	Oracle International Corporation	02/10/2020	4250116	23184920.9	
4250281	Sony Interactive Entertainment Inc.	09/08/2019	4250281	23183445.8	
4250285	Huawei Technologies Co. Ltd.	29/12/2021	4250285	21914500.0	
4251428	Ricoh Company, Ltd.	25/10/2021	4251428	21805663.8	
4251489	VOLKSWAGEN AKTIENGESELLSCHAFT	22/12/2021	4251489	21844306.7	German
4251959	Endress+Hauser SE+Co. KG	28/10/2021	4251959	21802294.5	German
4252509	Yanmar Holdings Co., Ltd.	17/03/2023	4252509	23162525.2	
4252671	FUJIFILM Corporation	10/03/2023	4252671	23161115.3	

4252928	JFE Steel Corporation	29/10/2021	4252928	21925769.8	German
4252988	ALPLA Werke Alwin Lehner GmbH & Co. KG	30/07/2019	4252988	23192416.8	
4253029	Totani Corporation	15/09/2021	4253029	21897464.0	
4253099	Airbus Operations Limited Airbus Operations GmbH AIRBUS OPERATIONS (S.A.S.) Airbus Defence and Space GmbH	30/03/2022	4253099	22305399.2	
4253658	Finnish Construction Support Oy	03/03/2023	4253658	23159879.8	
4253727	PRATT & WHITNEY CANADA CORP.	28/03/2023	4253727	23164829.6	
4254794	STMicroelectronics (Rousset) SAS STMicroelectronics S.r.l.	17/03/2023	4254794	23305371.9	
4254831	Huawei Technologies Co. Ltd.	17/12/2021	4254831	21905846.8	
4255284	QUALCOMM INCORPORATED	30/09/2021	4255284	21798234.7	
4257050	PaloDEX Group Oy	13/03/2023	4257050	23161420.7	
4257377	The Goodyear Tire & Rubber Company	31/03/2023	4257377	23166219.8	
4257795	Sandvik Mining and Construction Australia (Production/Supply) Pty Ltd	08/04/2022	4257795	22167432.8	
4257860	Techwin Co., Ltd.	19/10/2021	4257860	21900801.8	
4257953	Yokogawa Electric Corporation	04/04/2023	4257953	23166591.0	
4257986	Infineon Technologies AG	28/03/2023	4257986	23164565.6	
4258041	Lindberg A/S	10/02/2020	4258041	23180429.5	
4258403	Ningde Amperex Technology Ltd.	27/03/2023	4258403	23164416.2	
4258460	LG Energy Solution, Ltd.	28/09/2022	4258460	22876824.8	
4258565	Honor Device Co., Ltd.	19/12/2022	4258565	22912792.3	
4258984	ZOLL Medical Israel Ltd.	10/12/2021	4258984	21836234.1	
4259387	Magellan Biomedical Inc.	08/12/2021	4259387	21904326.2	
4259459	Continental Reifen Deutschland GmbH	10/12/2021	4259459	21830943.3	
4259944	Howmet Aerospace Inc.	14/12/2021	4259944	21908020.7	
4260638	Nokia Technologies Oy	14/01/2021	4260638	21918500.6	
4260970	Techtronic Cordless GP	11/04/2023	4260970	23167381.5	
4262531	Koninklijke Philips N.V.	16/12/2021	4262531	21836556.7	
4263311	Ampere SAS	17/12/2021	4263311	21840599.1	French
4263410	KONE Corporation	21/12/2020	4263410	20838527.8	
4264252	Université Marie et Louis Pasteur	18/10/2021	4264252	21794548.4	
4264290	Safran Electronics & Defense	17/12/2021	4264290	21854932.7	
4264329	THALES	14/12/2021	4264329	21839835.2	French
4265281	Kyocera Corporation	01/12/2021	4265281	21906344.3	
4265387	Nissei ASB Machine Co., Ltd.	15/12/2021	4265387	21906668.5	
4265541	HIZKIA The Netherlands B.V.	11/10/2021	4265541	23195141.9	
4265635	Ortega Blanco, José Adán	11/03/2021	4265635	21907196.6	
4265886	Siemens Energy Global GmbH & Co. KG	20/04/2022	4265886	22168987.0	
4266655	Samsung Electronics Co., Ltd.	24/01/2022	4266655	22749917.5	
4267935	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	23/12/2021	4267935	21844023.8	German
4268412	Mercedes-Benz Group AG	07/10/2022	4268412	22800242.4	German
4268537	ZTE Corporation	21/10/2021	4268537	21960949.2	
4268908	Space Applications Services NV/SA	28/04/2022	4268908	22170624.5	
4269094	FUJIFILM Corporation	22/12/2021	4269094	21910853.7	
4269325	Dai Nippon Printing Co., Ltd.	14/10/2022	4269325	22881115.4	
4269532	HOYA LENS THAILAND LTD.	24/12/2021	4269532	21911105.1	
4270067	HOYA LENS THAILAND LTD.	24/12/2021	4270067	21911102.8	
4270182	Red Hat, Inc.	26/08/2022	4270182	22192330.3	
4270356	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	13/01/2021	4270356	21918272.2	
4270945	HONEYWELL INTERNATIONAL INC.	25/09/2020	4270945	23188717.5	
4271473	Siemens Healthineers International AG	20/12/2021	4271473	21843898.4	
4271672	GILEAD SCIENCES, INC.	19/04/2022	4271672	22723851.6	
4272119	IDEX BIOMETRICS ASA	30/12/2021	4272119	21847731.3	
4272511	Google LLC	12/01/2022	4272511	22706940.8	
4272515	Telefonaktiebolaget LM Ericsson (publ)	30/12/2020	4272515	20968084.2	

4272773	Hangzhou Huamai Medical Technology Co., Ltd.	12/07/2022	4272773	22909243.2	
4273130	Universidade Federal Do Rio Grande Do Sul - UFRGS	17/12/2021	4273130	21912357.7	
	Petróleo Brasileiro S.A. - Petrobras				
4273992	LG Energy Solution, Ltd.	21/10/2022	4273992	22893062.4	
4274093	AEROCOMPACT Group Holding AG	03/05/2023	4274093	23171314.0	German
4275616	Stryker Corporation	04/06/2020	4275616	23200271.7	
4275666	Unicharm Corporation	11/03/2022	4275666	22780008.3	
4275800	Nordson Corporation	30/10/2017	4275800	23191510.9	
4275836	Essetre Holding S.r.l.	11/05/2023	4275836	23172976.5	
4275875	Hofmann Maschinen- und Anlagenbau GmbH	13/05/2022	4275875	22173371.0	German
4276472	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	11/05/2022	4276472	22172701.9	
4276473	Kistler Holding AG	24/03/2023	4276473	23164054.1	German
4277423	Sharp Kabushiki Kaisha	04/01/2022	4277423	22736500.4	
4278665	Nokia Technologies Oy	17/01/2021	4278665	21918658.2	
4279423	Interroll Holding AG	15/05/2023	4279423	23173299.1	
4279781	Goodrich Corporation	19/05/2023	4279781	23174350.1	
4279881	VEGA Grieshaber KG	20/05/2022	4279881	22174639.9	German
4279938	Johannes Gutenberg-Universität Mainz	19/05/2022	4279938	22174207.5	
4279976	Leica Microsystems CMS GmbH	18/05/2022	4279976	22174057.4	
4280542	Imprimerie Nationale	10/05/2023	4280542	23172483.2	French
4280549	Gree Electric Appliances, Inc. of Zhuhai	30/09/2021	4280549	21918959.4	
	Leayun Technology Co., Ltd. of Zhuhai				
4280832	Huawei Technologies Co. Ltd.	11/03/2022	4280832	22766382.0	
4280969	Bard Peripheral Vascular, Inc.	25/01/2021	4280969	21706107.6	
4281193	Poseidon Diving Group AB	19/01/2022	4281193	22742952.9	
4281714	PAOLETTI, Cristiano	30/12/2021	4281714	21859325.9	
4281789	Valeo Schalter und Sensoren GmbH	13/01/2022	4281789	22700768.9	German
4283207	Renson NV	24/02/2023	4283207	23158411.1	
4283227	BSH Hausgeräte GmbH	05/05/2023	4283227	23171857.8	German
4283259	AININ CORPORATION	19/01/2022	4283259	22742590.7	
	TOYOTA JIDOSHA KABUSHIKI KAISHA				
4283561	Siemens Healthineers AG	24/05/2022	4283561	22175147.2	
4284780	Novald GmbH	20/12/2021	4284780	21843679.8	
4285056	BSH Hausgeräte GmbH	13/01/2022	4285056	22700622.8	German
4285611	QUALCOMM INCORPORATED	17/12/2021	4285611	21844928.8	
4285947	Toray Industries, Inc.	04/02/2022	4285947	22762890.6	
4286087	Senju Metal Industry Co., Ltd.	09/05/2022	4286087	22807415.9	
4286221	VOLKSWAGEN AG	02/06/2022	4286221	22176992.0	German
4286646	Deere & Company	22/05/2023	4286646	23174522.5	German
4286809	MITSUBISHI ELECTRIC CORPORATION	03/03/2021	4286809	21929028.5	
4287180	Beijing Xiaomi Mobile Software Co., Ltd.	27/12/2022	4287180	22216709.0	
4287371	IBIDEN Co., Ltd.	31/01/2022	4287371	22746072.2	
4287417	Comxi Co., Ltd.	23/05/2023	4287417	23174719.7	
4288334	Zelim Limited	08/02/2022	4288334	22709359.8	
4288360	Europool S.r.l.	20/02/2023	4288360	23710931.9	
4289159	Commissariat à l'Energie Atomique et aux Energies Alternatives	26/01/2022	4289159	22705018.4	French
4289374	Medtronic Xomed, LLC	31/05/2023	4289374	23176453.1	
4289438	Kookmin University Industry Academy Cooperation Foundation	28/01/2022	4289438	22750003.0	
4289633	Sumitomo Rubber Industries, Ltd.	12/05/2023	4289633	23173040.9	
4289705	Contemporary Ampere Technology (Hong Kong) Limited	10/08/2022	4289705	22871661.9	
4290806	Cujo LLC	14/02/2023	4290806	23156521.9	
4291465	AUTOTECH ENGINEERING S.L.	09/02/2022	4291465	22704532.5	
4291998	Apple Inc.	16/03/2022	4291998	22715256.8	

4292570	Globus Medical, Inc.	09/06/2023	4292570	23178365.5	
4292628	Hcmcd Innovations Co., Ltd.	07/09/2021	4292628	21925410.9	
4292766	Illinois Tool Works Inc.	03/04/2023	4292766	23166266.9	
4292803	Excell Corporation	10/12/2019	4292803	23207598.6	
	Subaru Corporation				
4292876	Ningbo Baby First Baby Products Co., Ltd.	24/06/2022	4292876	22848139.6	
4292878	Volvo Truck Corporation	15/06/2022	4292878	22179269.0	
4293233	Pfeiffer Vacuum Technology AG	18/10/2023	4293233	23204422.2	German
4293823	THALES	12/06/2023	4293823	23178638.5	French
	Université de Bordeaux				
	Institut Polytechnique de Bordeaux				
	Centre National de la Recherche Scientifique				
4294066	Huawei Technologies Co. Ltd.	14/03/2022	4294066	22770459.0	
4294297	CONMED Corporation	15/02/2022	4294297	22756783.1	
4295078	Google LLC	02/08/2021	4295078	21762208.3	
4295094	Carel Industries S.p.A.	16/02/2022	4295094	22709393.7	
4295205	Anarky Labs Oy	17/02/2022	4295205	22710524.4	
4296137	Innova Patent GmbH	20/06/2023	4296137	23180330.5	German
4296364	Genomatica, Inc.	25/11/2014	4296364	23208030.9	
4296715	Robert Bosch GmbH	06/06/2023	4296715	23177592.5	German
4296720	California Institute of Technology	16/08/2017	4296720	23208634.8	
4296809	The Boeing Company	26/04/2023	4296809	23169981.0	
4297003	Zumtobel Lighting GmbH	24/04/2023	4297003	23169352.4	German
4297246	ebm-papst Mulfingen GmbH & Co. KG	26/05/2023	4297246	23175564.6	German
4297689	Orlando Health, Inc.	18/02/2022	4297689	22710220.9	
4297943	ELCON GROUP LTD	14/02/2022	4297943	22705571.2	
4298291	Opterus Research and Development, Inc.	08/02/2022	4298291	22760198.6	
4298358	ContiTech Deutschland GmbH	14/01/2022	4298358	22705013.5	German
4298369	SKF Lubrication Systems Germany GmbH	14/02/2022	4298369	22708510.7	German
4299152	Universal City Studios LLC	24/01/2019	4299152	23210877.9	
4299299	Continental Reifen Deutschland GmbH	04/05/2023	4299299	23171680.4	German
4299397	DAF Trucks N.V.	29/06/2023	4299397	23182466.5	
4299870	profine GmbH	21/06/2023	4299870	23180500.3	German
4299985	Doosan Enerbility Co., Ltd.	29/06/2023	4299985	23182332.9	
4300144	Envisics Ltd.	25/05/2023	4300144	23175450.8	
4300334	Feedzai - Consultadoria e Inovação Tecnológica, S.A.	03/07/2023	4300334	23183123.1	
4300409	Samsung Electronics Co., Ltd.	26/05/2022	4300409	22861512.6	
4300914	Huawei Technologies Co., Ltd.	17/03/2022	4300914	22778588.8	
4300979	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	21/01/2022	4300979	22762337.8	
4301251	Carnelian Medical LLC	04/03/2022	4301251	22764169.3	
4301940	Université de Lorraine	15/02/2022	4301940	22706040.7	French
4302163	KSB SE & Co. KGaA	22/02/2022	4302163	22712274.4	German
4303372	Sedal Digital Systems, S.L.	28/02/2022	4303372	22715645.2	
4303771	STMicroelectronics S.r.l.	07/06/2023	4303771	23177863.0	
	STMicroelectronics International N.V.				
4304135	NXP B.V.	08/07/2022	4304135	22183827.9	
4304166	Huawei Technologies Co. Ltd.	25/03/2022	4304166	22778808.0	
4304197	GN Hearing A/S	05/07/2022	4304197	22182959.1	
4305498	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	09/03/2022	4305498	22711468.3	German
4305556	GDM Holding LLC	27/05/2022	4305556	22733893.6	
4306710	Voith Patent GmbH	16/06/2023	4306710	23179716.8	German
4307017	GE Precision Healthcare LLC	07/07/2023	4307017	23184248.5	
4307895	Syngenta Crop Protection AG	18/03/2022	4307895	22716233.6	
4308135	Eligo Bioscience	18/03/2022	4308135	22717364.8	
4308437	SEW-EURODRIVE GmbH & Co. KG	21/02/2022	4308437	22706628.9	German
4309618	Align Technology, Inc.	02/06/2017	4309618	23215446.8	
4309721	Cook Medical Technologies LLC	27/12/2019	4309721	23213502.0	
4310384	Goodrich Corporation	13/07/2023	4310384	23185210.4	

4310574	KOITO MANUFACTURING CO., LTD.	09/03/2022	4310574	22771247.8	
4310628	Shenzhen Guli Technology Co., Ltd.	09/06/2023	4310628	23178310.1	
4310820	MIANYANG HKC OPTOELECTRONICS TECHNOLOGY CO., LTD	30/12/2021	4310820	21912345.2	
	HKC Corporation Limited				
4310871	Huawei Digital Power Technologies Co., Ltd.	14/04/2021	4310871	21936386.8	
4311230	AUMOVIO Germany GmbH	11/07/2023	4311230	23184580.1	German
4311486	Vo2 Master Health Sensors Inc.	21/07/2023	4311486	23186942.1	
4311487	Infineon Technologies AG	27/07/2023	4311487	23188168.1	
4311501	Purewick Corporation	08/07/2020	4311501	23200408.5	
4311508	Ethicon LLC	30/10/2018	4311508	23202778.9	
4311609	Stellantis Auto SAS	05/07/2023	4311609	23183709.7	French
	CTAG-Fundacion Para La Promocion de la Innovacion Investigacion y Desarrollo Tecnológico Industria				
4311937	Prognost Systems GmbH	26/07/2023	4311937	23187921.4	German
4311948	Haoheng (Fujian) Building Materials Technology Co., Ltd.	27/07/2023	4311948	23188229.1	
4312343	Volvo Car Corporation	24/07/2023	4312343	23187328.2	
4312738	Becton, Dickinson and Company	02/05/2022	4312738	22728997.2	
4312939	ProCure med GmbH	25/02/2022	4312939	22717353.1	German
4313188	EMPA Eidgenössische Materialprüfungs- und Forschungsanstalt ETH Zurich	14/04/2022	4313188	22723088.5	
4313331	Sportsmedia Technology Corporation	15/06/2022	4313331	22922466.2	
4313372	Nitto Denko Corporation	29/03/2022	4313372	22716783.0	
4313614	Giesecke+Devrient Currency Technology GmbH	12/01/2022	4313614	22700459.5	German
4313765	Safran Seats USA LLC	26/03/2021	4313765	21719500.7	
4314508	Emitec Technologies GmbH	22/12/2021	4314508	21844287.9	German
4314566	HELLA GMBH & CO. KGAA	23/03/2021	4314566	21711719.1	
4314585	Magna PT B.V. & Co. KGaA	08/03/2022	4314585	22711048.3	German
4315380	SCHNEIDER ELECTRIC INDUSTRIES SAS	02/05/2022	4315380	22726727.5	German
4315493	LG ENERGY SOLUTION, LTD.	13/12/2022	4315493	22900795.0	
4315682	QUALCOMM INCORPORATED	17/02/2022	4315682	22707987.8	
4315735	Arqit Limited	21/02/2022	4315735	22706894.7	
4316408	Cornerstone Technology (Shenzhen) Limited	03/03/2022	4316408	22794334.7	
4316411	Angiosafe, Inc.	28/02/2018	4316411	23197938.6	
4316492	Transthera Sciences (Nanjing), Inc.	29/03/2022	4316492	22778940.1	
4316778	Eme Engel Machinefabriek en Engineering B.V.	04/08/2023	4316778	23189800.8	
4316988	Hamilton Sundstrand Corporation	01/08/2023	4316988	23188997.3	
4317277	NITTO DENKO CORPORATION	29/03/2022	4317277	22781016.5	
4317556	Song, Soo Bok	24/10/2022	4317556	22916338.1	
4317579	Tomoegawa Corporation	18/03/2022	4317579	22780235.2	
4317921	Panasonic Intellectual Property Management Co., Ltd.	08/03/2022	4317921	22775069.2	
4317994	Huawei Digital Power Technologies Co., Ltd.	23/04/2021	4317994	21937357.8	
4318008	LG ENERGY SOLUTION, LTD.	12/10/2022	4318008	22890200.3	
4318143	PRATT & WHITNEY CANADA CORP.	02/08/2023	4318143	23189275.3	
4318707	LG ENERGY SOLUTION, LTD.	19/08/2022	4318707	22861642.1	
4318818	Jiangsu Enman Electronic Industry Co., Ltd.	10/10/2022	4318818	22200476.4	
4319116	Honor Device Co., Ltd.	11/05/2022	4319116	22803850.1	
4319682	Koninklijke Philips N.V.	06/04/2022	4319682	22721279.2	
4320410	Fraba B.V.	07/04/2021	4320410	21718080.1	German
4320615	Dolby International AB	05/04/2022	4320615	22720980.6	

4320833	InterDigital Patent Holdings, Inc.	04/04/2022	4320833	22725314.3	French
4321357	Suzuki Motor Corporation	09/06/2023	4321357	23178522.1	
4321514	CGeneTech (Suzhou, China) Co., Ltd.	11/05/2022	4321514	22806776.5	
4321918	Shanghai Ruiyu Biotech Co., Ltd.	10/08/2023	4321918	23190775.9	
4321964	Samsung Electronics Co., Ltd.	12/08/2022	4321964	22858691.3	
4322451	Sony Semiconductor Solutions Corporation	06/04/2022	4322451	22784683.9	
4323636	TAP Energy LLC	27/08/2022	4323636	22865346.5	
4323672	JOHN CRANE, INC.	12/04/2022	4323672	22717443.0	
4323695	Atelier Dominique Imbert	13/04/2022	4323695	22722521.6	
4323759	Regents of the University of Minnesota	15/04/2022	4323759	22721582.9	
4323802	QUALCOMM INCORPORATED	15/03/2022	4323802	22738760.2	German
4323867	Siemens Aktiengesellschaft	18/05/2021	4323867	21732643.8	
4324123	Bayerische Motoren Werke Aktiengesellschaft	16/04/2021	4324123	21720424.7	
4324130	Mixhalo Corp.	28/01/2022	4324130	22711112.7	
4324587	Amada Co., Ltd.	25/03/2022	4324587	22787979.8	
4325160	Nowak, Przemyslaw	20/08/2022	4325160	22461598.9	
4325337	Hyundai Mobis Co., Ltd.	28/12/2022	4325337	22216927.8	
4326585	Mercedes-Benz Group AG	09/02/2022	4326585	22708801.0	
4327480	QUALCOMM INCORPORATED	22/03/2022	4327480	22721241.2	
4327781	Shanghai Trulive Medtech Co., Ltd. Jiangsu Trulive Medtech Co., Ltd.	16/05/2022	4327781	22891390.1	
4328063	Hyundai Mobis Co., Ltd.	19/06/2023	4328063	23179985.9	
4328918	Changxin Memory Technologies, Inc.	08/10/2022	4328918	22924573.3	
4328970	Samsung Display Co., Ltd.	22/08/2023	4328970	23192729.4	
4329339	DENSO CORPORATION TOYOTA JIDOSHA KABUSHIKI KAISHA	11/04/2022	4329339	22791635.0	
4330172	KONE Corporation	28/04/2021	4330172	21723161.2	
4331536	Javelin Medical Ltd.	20/10/2017	4331536	23204178.0	
4331647	Norton (Waterford) Limited	22/06/2022	4331647	24153100.3	
4331662	Stryker Corporation	30/08/2023	4331662	23194265.7	
4332013	Modulpac AB	05/09/2023	4332013	23195396.9	
4332363	RTX Corporation	04/09/2023	4332363	23195225.0	
4332365	PHINIA Delphi Luxembourg SARL	01/09/2023	4332365	23194969.4	
4332880	NEC Corporation	28/04/2021	4332880	21939278.4	
4333733	DePuy Synthes Products, Inc.	26/04/2022	4333733	22721866.6	
4334593	Siemens Energy, Inc.	24/05/2022	4334593	22731018.2	
4335074	CARIAD SE	03/05/2021	4335074	21727372.1	
4335106	Zhejiang Dahua Technology Co., Ltd.	20/05/2022	4335106	22827281.1	
4335380	FUJIFILM Corporation	06/09/2023	4335380	23195799.4	
4336090	PRATT & WHITNEY CANADA CORP.	11/09/2023	4336090	23196673.0	
4337156	Fabian, Ariel Schwartz, Efraim	11/05/2022	4337156	22808244.2	
4337783	University of Limerick	20/05/2022	4337783	22727204.4	
4337816	Syensqo Specialty Polymers USA, LLC	09/05/2022	4337816	22728461.9	
4338419	Siden, Inc.	11/05/2022	4338419	22727599.7	
4339103	AMI Industries, Inc.	19/09/2023	4339103	23198369.3	
4339420	Lükö, József	19/09/2022	4339420	22000215.8	
4339698	Yunnan Invensight Optoelectronics Technology Co., Ltd. BOE Technology Group Co., Ltd.	05/11/2021	4339698	21962933.4	
4339729	Positec Power Tools (Suzhou) Co., Ltd.	12/04/2017	4339729	23219414.2	
4339759	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	22/07/2022	4339759	22862947.3	
4339864	AvChain Inc.	10/05/2022	4339864	22807784.8	
4339927	BOE Technology Group Co., Ltd. Hefei Xinsheng Optoelectronics Technology Co., Ltd.	21/09/2022	4339927	22913549.6	
4340198	Samsung Electronics Co., Ltd.	08/09/2023	4340198	23196210.1	
4340339	Apple Inc.	01/09/2023	4340339	23194989.2	
4341258	BASF SE	10/05/2022	4341258	22728525.1	

4341780	Snap Inc.	16/05/2022	4341780	22727736.5	
4341841	Virsec Systems, Inc.	18/05/2022	4341841	22730352.6	
4342030	Wago Verwaltungsgesellschaft mbH	17/05/2022	4342030	22730109.0	German
4342195	HERE Global B.V.	18/05/2022	4342195	22730695.8	
4342561	MANN+HUMMEL GmbH	20/09/2022	4342561	22196486.9	
4342565	MANN+HUMMEL GmbH	20/09/2022	4342565	22196495.0	
4343177	Great Wall Motor Company Limited	13/06/2022	4343177	22824153.5	
4343235	Daikin Industries, Ltd.	16/05/2022	4343235	22804650.4	
4343297	TLB Service S.r.l.	18/09/2023	4343297	23198059.0	
4343829	Huawei Technologies Co., Ltd.	17/06/2022	4343829	22827494.0	
4344384	Samsung Electronics Co., Ltd.	30/06/2023	4344384	23182637.1	
4345138	DAIKIN INDUSTRIES, LTD.	06/07/2022	4345138	22837719.8	
4345152	Afton Chemical Corporation	21/09/2023	4345152	23198788.4	
4345543	Zhuhai Pantum Electronics Co., Ltd.	08/09/2023	4345543	23196120.2	
4346011	Robin Radar Facilities BV	25/04/2019	4346011	24152656.5	
4346031	Shandong University	25/08/2022	4346031	22821275.9	
	Nanjing University				
4346247	Xiaomi EV Technology Co., Ltd.	31/01/2023	4346247	23154255.6	
4346516	Stevens, Louisa Rebecca	25/05/2022	4346516	22729258.8	
4346818	Vertex Pharmaceuticals Incorporated	03/06/2022	4346818	22741050.3	
4347604	Alkermes, Inc.	25/05/2022	4347604	22732772.3	
4348384	I.V.A.R. S.P.A.	23/05/2022	4348384	22730613.1	
4349225	Vorwerk & Co. Interholding GmbH	06/10/2022	4349225	22200029.1	German
4349406	Pfizer Inc.	31/08/2015	4349406	24152053.5	
4349420	Electricité de France	05/10/2023	4349420	23201939.8	French
4349495	Contemporary Ampere Technology (Hong Kong) Limited	30/03/2023	4349495	23165287.6	
4349570	Technische Universität Graz	03/10/2022	4349570	22199403.1	
4349603	BOBST MEX SA	03/10/2022	4349603	22199414.8	
4349606	Tetra Laval Holdings & Finance S.A.	03/10/2023	4349606	23201449.8	
4349665	Autoliv Development AB	07/10/2022	4349665	22200285.9	
4350080	Giken Ltd.	01/07/2022	4350080	22837617.4	
4350200	MAGNA STEYR Fahrzeugtechnik GmbH & Co KG	04/10/2022	4350200	22199470.0	German
4350286	Stanley Black & Decker, Inc.	04/10/2023	4350286	23201572.7	
4350323	Avails Medical, Inc.	14/05/2020	4350323	24159093.4	
4350390	Commissariat à l'Energie Atomique et aux Energies Alternatives	03/10/2023	4350390	23201416.7	French
4350722	Schneider Electric IT Corporation	28/09/2023	4350722	23200334.3	
4350749	SCREEN Holdings Co., Ltd.	19/09/2023	4350749	23198324.8	
4350911	MITSUBISHI ELECTRIC CORPORATION	31/05/2021	4350911	21944032.8	
4352495	PROBAT SE	08/06/2022	4352495	22733005.7	German
4352565	Microsoft Technology Licensing, LLC	10/05/2022	4352565	22726902.4	
4353072	CNH Industrial America LLC	13/10/2023	4353072	23203646.7	
4353896	Samsung Electronics Co., Ltd.	21/09/2022	4353896	22916298.7	
4354174	SICK AG	11/10/2022	4354174	22200957.3	German
4354341	Giesecke+Devrient ePayments GmbH	10/10/2022	4354341	22382960.7	
4354799	National Applied Research Laboratories	13/10/2023	4354799	23203513.9	
4354859	Sharp Kabushiki Kaisha	05/10/2023	4354859	23201853.1	
4354927	Mavenir Systems, Inc.	11/10/2023	4354927	23202957.9	
4356151	Viper Innovation Limited	19/05/2022	4356151	22725527.0	
4356374	Sony Interactive Entertainment Inc.	17/06/2022	4356374	22741548.6	
4356771	Showa Glove Co.	17/10/2023	4356771	23203949.5	
4356819	inContAlert GmbH	20/10/2022	4356819	22202749.2	
4357057	CERATIZIT Luxembourg S.à r.l.	20/10/2022	4357057	22202674.2	
4357082	Techtronic Cordless GP	31/05/2023	4357082	23176456.4	
4357086	PEDAX GmbH	21/10/2022	4357086	22202975.3	
4357256	Tetra Laval Holdings & Finance S.A.	18/10/2023	4357256	23204389.3	
4357284	TMT Machinery, Inc.	13/10/2023	4357284	23203479.3	
4357593	Renault s.a.s	18/10/2023	4357593	23204450.3	French

4358071	Dongguan Yuemei Label and Printing Co., Ltd. HP Silicone Label Ltd.	16/06/2021	4358071	21945453.5	
4358102	Shenzhen Guli Technology Co., Ltd.	25/06/2021	4358102	21945591.2	
4358166	National Institute for Materials Science	10/06/2022	4358166	22824930.6	
4358292	Aptiv Technologies AG	16/09/2021	4358292	24162119.2	
4358685	Universal Display Corporation	01/10/2021	4358685	24160845.4	
4358995	Scholar Rock, Inc.	22/06/2022	4358995	22744054.2	
4360490	Zedel	31/10/2022	4360490	22204806.8	French
4360913	Continental Reifen Deutschland GmbH	22/09/2023	4360913	23198966.6	German
4361057	ProAmpac Holdings Inc.	14/07/2021	4361057	24163285.0	
4361073	LG Energy Solution, Ltd.	13/10/2022	4361073	22890204.5	
4361293	JFE Steel Corporation	14/07/2022	4361293	22852803.0	
4361394	TRACTO-TECHNIK GmbH & Co. KG	23/10/2023	4361394	23205246.4	German
4361462	Trickstuff GmbH	25/10/2023	4361462	23205751.3	German
4361741	SMC Corporation	24/02/2023	4361741	23158580.3	
4361862	Samsung SDS Co., Ltd.	26/10/2023	4361862	23205963.4	
4362196	LG Energy Solution, Ltd.	11/10/2022	4362196	22881303.6	
4362673	Raven Industries, Inc.	28/06/2022	4362673	22750977.5	
4362829	Cilag GmbH International	27/06/2023	4362829	23738890.5	
4362953	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)	27/06/2022	4362953	22738430.2	
4363080	IFP Energies nouvelles	27/06/2022	4363080	22737877.5	French
4363167	Apex Brands, Inc.	02/08/2022	4363167	22853782.5	
4363622	JOHN COCKERILL S.A.	17/06/2022	4363622	22734580.8	
4363644	DuPont Safety & Construction, Inc.	08/06/2022	4363644	22741131.1	
4363861	Insightec Ltd.	29/06/2022	4363861	22761589.5	
4364706	VDyne, Inc.	05/03/2020	4364706	23215329.6	
4364822	Fluytec, S.A.	21/06/2022	4364822	22832248.3	
4364968	Sumitomo Rubber Industries, Ltd.	23/10/2023	4364968	23205125.0	
4364971	Sumitomo Rubber Industries, Ltd.	11/10/2023	4364971	23203026.2	
4364973	Sumitomo Rubber Industries, Ltd.	26/10/2023	4364973	23206188.7	
4365094	Tetra Laval Holdings & Finance S.A.	29/10/2023	4365094	23206568.0	
4365159	Shin-Etsu Chemical Co., Ltd.	24/10/2023	4365159	23205510.3	
4365514	GD Midea Heating & Ventilating Equipment Co., Ltd. Midea Group Co., Ltd.	21/06/2023	4365514	23826523.5	
4365662	Jiaxing Uphoton Optoelectronics Technology Co., Ltd.	30/10/2023	4365662	23206736.3	
4365840	Samsung Electronics Co., Ltd.	14/12/2022	4365840	22907938.9	
4365931	NIPPON STEEL Chemical & Material Co., Ltd. Nippon Micrometal Corporation	18/10/2022	4365931	22948050.4	
4367000	Wonderland Switzerland AG	07/07/2022	4367000	22741259.0	
4367592	IDEMIA France	08/07/2022	4367592	22751139.1	French
4368259	Dongguan Direct Drive Technology Limited	21/12/2021	4368259	21949155.2	
4368944	Milwaukee Electric Tool Corporation	26/10/2023	4368944	23206053.3	
4369499	Contemporary Amperex Technology (Hong Kong) Limited	18/01/2023	4369499	23777602.6	
4370899	Refeyn Ltd	18/07/2022	4370899	22743881.9	
4371632	Angel Playing Cards Co., Ltd.	26/08/2019	4371632	24168737.5	
4372017	Kuraray Co., Ltd.	14/10/2021	4372017	24165522.4	
4372131	MEISHAN BOYA ADVANCED MATERIALS CO., LTD.	17/08/2022	4372131	22857837.3	
4372523	Hand Held Products, Inc.	12/10/2023	4372523	23203184.9	
4372688	The Boeing Company	30/10/2023	4372688	23206809.8	
4372905	AGC Glass Europe AGC Inc. AGC Flat Glass North America, Inc. AGC Vidros do Brasil Ltda.	16/11/2021	4372905	24162124.2	
4372984	NXP USA, Inc.	13/11/2023	4372984	23209362.5	

4373165	Samsung Electronics Co., Ltd.	20/05/2021	4373165	24168104.8	
4373605	Innoup Farma, S.L.	21/07/2022	4373605	22744230.8	
4374027	FLO.IT Srl	14/07/2022	4374027	22747446.7	
4374343	ILLUMINA, INC.	14/07/2022	4374343	22754607.4	
4374742	Embalajes Licar, S.L.	23/06/2022	4374742	22845488.0	
4374836	Unicharm Corporation	31/08/2022	4374836	22864666.7	
4374839	Mebster S.R.O.	29/05/2020	4374839	24160363.8	
4374891	Enable Injections, Inc.	16/10/2018	4374891	24160931.2	
4375627	Withings	24/11/2022	4375627	22315298.4	
4376213	AGC Glass Europe AGC Inc. AGC Flat Glass North America, Inc. AGC Vidros do Brasil Ltda.	16/11/2021	4376213	24162142.4	
4377159	Stellantis Auto SAS	21/06/2022	4377159	22744257.1	French
4377316	Guerbet	29/07/2022	4377316	22761074.8	French
4378353	CHONGQING HAIER REFRIGERATION ELECTRIC APPLIANCE CO., LTD. QINGDAO HAIER REFRIGERATOR CO., LTD. HAIER SMART HOME CO., LTD.	13/06/2022	4378353	22848069.5	
4379245	HEFEI HAIER REFRIGERATOR CO., LTD QINGDAO HAIER REFRIGERATOR CO., LTD. HAIER SMART HOME CO., LTD.	12/05/2022	4379245	22847959.8	
4379669	Mashang Consumer Finance Co., Ltd.	26/07/2023	4379669	23849243.3	
4379912	Contemporary Ampere Technology (Hong Kong) Limited	26/07/2020	4379912	24171316.3	
4381421	Bayer Aktiengesellschaft	22/07/2022	4381421	22757225.2	
4381484	Verisure Sàrl	02/08/2022	4381484	22761968.1	
4382001	L&P Property Management Company	06/12/2022	4382001	22211584.2	
4382466	TMT Machinery, Inc.	13/10/2023	4382466	23203505.5	
4384397	THALES DIS FRANCE SAS	22/07/2022	4384397	22754401.2	
4384848	Google Technology Holdings LLC	31/10/2022	4384848	22822238.6	
4384883	Microsoft Technology Licensing, LLC	15/07/2022	4384883	22751938.6	
4384919	QUALCOMM INCORPORATED	26/06/2023	4384919	23744325.4	
4385421	GE Precision Healthcare LLC	14/07/2020	4385421	24159672.5	
4385512	TauRx Therapeutics Management Ltd.	18/07/2019	4385512	24161602.8	
4385811	AGCO International GmbH	12/10/2023	4385811	23203297.9	
4385896	Airbus Operations GmbH	12/12/2022	4385896	22212851.4	
4385909	Hastamat Verpackungstechnik GmbH + Co. KG	16/12/2022	4385909	22214086.5	German
4386074	The Procter & Gamble Company	14/12/2023	4386074	23216689.2	
4386462	Vivo Mobile Communication Co., Ltd.	05/08/2022	4386462	22855354.1	
4386603	SAP SE	22/10/2020	4386603	24164818.7	
4387055	Siemens Gamesa Renewable Energy A/S	15/12/2022	4387055	22213893.5	
4387546	K-SPINE GmbH Ignite-concepts GmbH Smith, Justin	19/08/2022	4387546	22768667.2	
4389363	Seiko Epson Corporation	14/12/2023	4389363	23216726.2	
4389442	IN Smart Identity France	05/12/2023	4389442	23214438.6	French
4389744	Yuhan Corporation Green Cross Lab Cell Corporation	12/11/2020	4389744	24163536.6	
4389828	SUSONITY Commercial GmbH	24/10/2023	4389828	23205532.7	German
4389967	Billerud Aktiebolag (publ)	21/12/2022	4389967	22215624.2	
4389992	Robert Bosch GmbH	18/12/2023	4389992	23217444.1	German
4390077	Yamaha Hatsudoki Kabushiki Kaisha	10/10/2023	4390077	23202659.1	
4390473	TOPPAN INC.	18/08/2022	4390473	22858518.8	
4391043	ZTE Corporation	21/03/2022	4391043	22859853.8	
4391786	Commissariat à l'Energie Atomique et aux Energies Alternatives	20/12/2023	4391786	23218436.6	French
4392278	Stellantis Auto SAS	25/07/2022	4392278	22755265.0	French

4392309	Bosch Car Multimedia Portugal, S.A.	21/12/2021	4392309	21847771.9	German
4392768	X-RAY SENSOR GMBH	17/10/2023	4392768	23802148.9	
4393337	ASICS Corporation	19/12/2023	4393337	23218200.6	
4393459	Zuiko Corporation	31/08/2022	4393459	22867260.6	
4393613	UACJ Corporation	13/10/2022	4393613	22883470.1	
4393726	TOYO TIRE CORPORATION	19/12/2023	4393726	23217969.7	
4393860	Otis Elevator Company	25/09/2023	4393860	23199517.6	
4393987	Swancor Innovation & Incubation Co., Ltd.	27/12/2023	4393987	23220406.5	
4394266	Daikin Industries, Ltd.	01/06/2022	4394266	22860919.4	
4394307	Sinab Technologies Pty Ltd	17/02/2020	4394307	24170846.0	
4394341	Aerospace Precision Products Inc., Ltd	09/06/2022	4394341	22941301.8	German
4394427	TMY Technology Inc.	12/12/2023	4394427	23215823.8	
4394545	Samsung Electronics Co., Ltd.	05/10/2022	4394545	22878886.5	
4394598	Intel Corporation	19/09/2023	4394598	23198126.7	
4394628	Hygon Information Technology Co., Ltd.	03/03/2023	4394628	23820730.2	
4395939	L'OREAL	13/06/2022	4395939	22733071.9	
4396532	AUMOVIO Germany GmbH	26/07/2022	4396532	22751282.9	
4396564	Gardin Ltd	01/09/2022	4396564	22789281.7	
4397255	Livsmed Inc.	25/10/2019	4397255	24178267.1	
4397314	Stealth BioTherapeutics Inc. Henry Ford Health Systems	22/10/2013	4397314	24159638.6	
4397422	Fives DMS	02/01/2024	4397422	24150078.4	French
4397840	Weatherford Technology Holdings, LLC	09/10/2021	4397840	24176947.0	
4397901	Hyundai Mobis Co., Ltd.	22/06/2023	4397901	23180818.9	
4398186	JVCKENWOOD Corporation	24/05/2022	4398186	22863950.6	
4398601	Infineon Technologies AG	03/01/2024	4398601	24150273.1	
4398825	Kyon AG	07/09/2022	4398825	22776917.1	
4400230	Colep Packaging Barcelona S.L.	10/01/2023	4400230	23382011.7	
4400704	PRATT & WHITNEY CANADA CORP.	15/01/2024	4400704	24151969.3	
4401080	Silicon Storage Technology Inc.	05/09/2019	4401080	24177589.9	
4402094	Ignasi Clotet, S.L.U.	16/09/2022	4402094	22789884.8	
4402558	Dolby Laboratories Licensing Corporation	15/09/2022	4402558	22802403.0	German
4403381	Continental Reifen Deutschland GmbH	04/01/2024	4403381	24150418.2	
4404021	Amada Co., Ltd.	02/09/2022	4404021	22869839.5	
4404038	Honor Device Co., Ltd.	17/05/2023	4404038	23826035.0	
4404546	Honor Device Co., Ltd.	05/05/2023	4404546	23810791.6	
4404783	AB Lindex	21/09/2022	4404783	22871116.4	
4404892	AB Lindex	21/09/2022	4404892	22871124.8	
4405183	Bayerische Motoren Werke Aktiengesellschaft	05/09/2022	4405183	22772960.5	
4405617	VALEO VISION	20/09/2022	4405617	22797020.9	
4405631	Kasendra, Tomasz Kasendra, Krzysztof Kusmierczyk, Jerzy Pietrzak, Jacek	07/09/2022	4405631	22818920.5	
4405667	Implen GmbH	19/09/2022	4405667	22777241.5	German
4406496	Shanghai Microport Rotapace Medtech Co., Ltd.	26/10/2022	4406496	22886030.0	
4406797	Volvo Car Corporation	24/01/2023	4406797	23153075.9	
4407016	Afton Chemical Corporation	26/01/2024	4407016	24154215.8	
4407166	Rohr, Inc.	26/01/2024	4407166	24154263.8	
4407283	DENSO CORPORATION	24/08/2022	4407283	22872633.7	
4407367	Quantum Industries GmbH	26/01/2023	4407367	23153468.6	
4407371	Quantum Technology Laboratories GmbH Quantum Industries GmbH Quantum Technology Laboratories GmbH	26/01/2023	4407371	23153460.3	
4407621	Samsung Electronics Co., Ltd.	29/01/2024	4407621	24154548.2	
4407973	Canon Kabushiki Kaisha	23/01/2024	4407973	24153307.4	
4408151	Samsung Electronics Co., Ltd.	27/11/2023	4408151	23212355.4	
4408271	Oura Health Oy	30/09/2022	4408271	22800878.5	
4409136	Parker-Hannifin Corporation	21/07/2022	4409136	22754244.6	
4409203	Versuni Holding B.V.	27/09/2022	4409203	22786954.2	

4409336	Metek Meteorologische Messtechnik GmbH	01/10/2022	4409336	22790551.0	German
4409852	Telefonaktiebolaget LM Ericsson (publ)	01/10/2021	4409852	21786869.4	
4410398	Coway Co., Ltd.	21/07/2022	4410398	22892971.7	
4410725	TMT Machinery, Inc.	11/01/2024	4410725	24151349.8	
4411434	KEIWA Incorporated	31/10/2022	4411434	22889943.1	
4411580	ONEKEY GmbH	31/01/2023	4411580	23154253.1	
4411659	JVCKENWOOD Corporation	13/09/2022	4411659	22872772.3	French
4412441	NAÏO-Technologies	04/10/2022	4412441	22797754.3	
4412480	Philip Morris Products S.A.	06/10/2022	4412480	22801378.5	French
4412517	Institut du Cerveau et de la Moëlle Épine INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) Centre National de la Recherche Scientifique Assistance Publique - Hôpitaux de Paris Sorbonne Université	08/10/2021	4412517	21814827.8	
4412554	Cosmo Artificial Intelligence - AI Limited	07/10/2022	4412554	22797491.2	German
4412769	Schreier, Stefan SanoLiBio Co., Ltd.	07/10/2022	4412769	22793587.1	
4412942	Coravin, Inc.	07/10/2022	4412942	22800466.9	
4413052	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	05/10/2021	4413052	21798906.0	
4413055	Lubrizol Advanced Materials, Inc.	06/10/2022	4413055	22818509.6	German
4413292	Trilux GmbH & Co. KG	07/10/2022	4413292	22793589.7	
4413306	Schletter International B.V.	05/10/2022	4413306	22799929.9	German
4413917	Abbott Diabetes Care Inc.	06/07/2021	4413917	24183336.7	
4414070	SINOPEC QILU BRANCH COMPANY China Petroleum & Chemical Corporation	26/10/2022	4414070	22886010.2	
4414095	Fives DMS	05/02/2024	4414095	24155796.6	French
4414346	RTX Corporation	09/02/2024	4414346	24156944.1	
4414560	Bestway Inflatables & Material Corp.	16/06/2020	4414560	24185887.7	
4414606	BSH Hausgeräte GmbH	09/01/2024	4414606	24151000.7	
4414646	People & Technology Inc.	18/10/2023	4414646	23204232.5	
4414931	Leica Microsystems CMS GmbH	09/02/2023	4414931	23155841.2	
4415476	Sharp Kabushiki Kaisha	29/10/2019	4415476	24184017.2	German
4415849	Reprotex GmbH	04/10/2022	4415849	22785757.0	
4415863	Schippers Europe B.V.	07/10/2022	4415863	22790381.2	French
4415929	Marolotest	13/10/2022	4415929	22802218.2	
4415956	KOK & VAN ENGELEN COMPOSITE STRUCTURES B.V.	06/10/2022	4415956	22790084.2	
4416023	Ampere SAS	10/10/2022	4416023	22800266.3	
4416196	Borealis GmbH	11/10/2022	4416196	22802551.6	French
4416386	Safran Nacelles	14/10/2022	4416386	22801522.8	
4416398	A. Raymond et Cie	10/10/2022	4416398	22802670.4	French
4416402	thyssenkrupp rothe Erde Germany GmbH thyssenkrupp AG	13/10/2022	4416402	22802097.0	German
4416433	Versuni Holding B.V.	29/09/2022	4416433	22786963.3	
4416507	Siemens Healthcare Diagnostics, Inc.	29/09/2022	4416507	22881907.4	
4417050	Agrobots Sp. z o.o.	07/02/2024	4417050	24156451.7	
4417096	Liu, Ximei	28/03/2023	4417096	23164634.0	
4417407	Continental Reifen Deutschland GmbH	16/01/2024	4417407	24152009.7	German
4417457	HL Mando Corporation	23/10/2023	4417457	23205152.4	
4417963	Malvern Panalytical Limited	20/09/2016	4417963	24178108.7	
4418251	HKC CORPORATION LIMITED	22/05/2023	4418251	23876172.0	
4418284	NKT HV Cables AB	14/02/2023	4418284	23156549.0	
4418323	Samsung Electronics Co., Ltd.	05/02/2024	4418323	24155756.0	
4418754	Nokia Technologies Oy	14/02/2024	4418754	24157546.3	
4418893	Philip Morris Products S.A.	19/10/2022	4418893	22802172.1	
4419014	Hospices Civils de Lyon Université Claude Bernard Lyon 1	18/10/2022	4419014	22803240.5	French

4419065	Expressions Parfumees	21/10/2022	4419065	22809035.3	French
4419385	Wonderland Switzerland AG	19/10/2022	4419385	22808678.1	
4419469	KONE Corporation	19/10/2021	4419469	21806305.5	
4419583	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	12/10/2022	4419583	22802210.9	French
4419717	Centre Hospitalier Régional Universitaire de Nancy INSERM (Institut National de la Santé et de la Recherche Médicale) Université de Lorraine	19/10/2022	4419717	22808666.6	
4419948	Vulcan Photonics SDN. BHD.	29/12/2022	4419948	22942957.6	
4420263	Google LLC	14/10/2022	4420263	22803450.0	
4420459	InterDigital Patent Holdings, Inc.	18/10/2022	4420459	22803423.7	
4420619	Heinz Kurz GmbH	11/01/2024	4420619	24151334.0	German
4420750	Epoch Company, Ltd.	21/02/2024	4420750	24158874.8	
4420776	Mitsui Mining & Smelting Co., Ltd. HONDA MOTOR CO., LTD.	20/10/2021	4420776	21961396.5	
4421337	Nidec Drive Technology Corporation	26/02/2024	4421337	24159692.3	
4421425	Valentini Glass & Components S.r.l.	26/02/2024	4421425	24159688.1	
4421943	SK On Co., Ltd.	16/01/2024	4421943	24152136.8	
4422015	Bloom Energy Corporation	11/01/2024	4422015	24151320.9	
4422088	ViaSat, Inc.	22/09/2020	4422088	24176602.1	
4422171	NISSAN MOTOR CO., LTD.	19/10/2021	4422171	21961342.9	
4422293	Huawei Technologies Co., Ltd.	11/05/2018	4422293	24169821.6	
4422411	Rossi, Michèle	21/10/2022	4422411	22803346.0	French
4422434	Philip Morris Products, S.A.	26/10/2022	4422434	22808819.1	
4422437	Philip Morris Products S.A.	25/10/2021	4422437	21793839.8	
4422439	JT International S.A.	26/10/2022	4422439	22790333.3	
4422488	BIOTRONIK SE & Co. KG	20/10/2022	4422488	22808696.3	
4422873	HOMAG GmbH	27/10/2022	4422873	22812536.5	German
4422981	Tetra Laval Holdings & Finance S.A.	16/10/2023	4422981	23790012.1	
4423014	Röhm GmbH	26/10/2022	4423014	22813105.8	German
4423068	Bristol-Myers Squibb Company	28/10/2022	4423068	22813850.9	
4423329	Illinois Tool Works Inc.	17/10/2022	4423329	22803110.0	
4423376	SAFRAN AIRCRAFT ENGINES	19/10/2022	4423376	22801865.1	French
4423406	Università' Degli Studi Di Padova	24/10/2022	4423406	22809510.5	
4423457	Jena Optronik GmbH	26/10/2022	4423457	22809402.5	German
4423475	INSTITUT NATIONAL DES SCIENCES APPLIQUÉES LYON SAFRAN	24/10/2022	4423475	22802679.5	French
4423498	Hemmersbach GmbH & Co. KG	24/10/2022	4423498	22808805.0	German
4423636	Giesecke+Devrient ePayments GmbH	18/10/2022	4423636	22800086.5	German
4423748	Microsoft Technology Licensing, LLC	26/08/2022	4423748	22772728.6	
4423827	Rolls-Royce plc	04/10/2022	4423827	22800617.7	
4424197	NIKE Innovate C.V.	26/02/2018	4424197	24188262.0	
4424823	Carbios	26/07/2019	4424823	24185157.5	
4425097	Nexans	28/02/2023	4425097	23305264.6	
4425428	Siemens Healthineers AG	25/07/2023	4425428	23187559.2	
4425720	Japan Aviation Electronics Industry, Limited	09/01/2024	4425720	24151028.8	
4425841	New H3C Technologies Co., Ltd.	08/12/2022	4425841	22966009.7	
4425908	Vivo Mobile Communication Co., Ltd.	21/10/2022	4425908	22885804.9	
4425918	InterDigital VC Holdings, Inc.	28/08/2018	4425918	24190524.9	
4426043	Lenovo (Singapore) Pte. Ltd	17/04/2020	4426043	24189238.9	
4426461	MANN+HUMMEL GmbH	27/10/2022	4426461	22813127.2	German
4426566	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	25/10/2022	4426566	22803040.9	French
4426688	Redx Pharma Limited	03/11/2022	4426688	22802689.4	
4426884	Bräcker AG	28/10/2022	4426884	22813900.2	German
4426931	SkySails Power GmbH	26/10/2022	4426931	22805891.3	German
4427084	ZKW Group GmbH	20/10/2022	4427084	22802639.9	

4427260	Commissariat à l'Energie Atomique et aux Energies Alternatives	20/10/2022	4427260	22802651.4	French
4428328	MINEBEA ACCESSSOLUTIONS ITALIA S.P.A.	06/03/2023	4428328	23160136.0	
4428442	RTX Corporation	06/03/2024	4428442	24161870.1	
4428627	The Swatch Group Research and Development Ltd	24/01/2024	4428627	24153713.3	French
4428628	The Swatch Group Research and Development Ltd	26/01/2024	4428628	24154223.2	French
4429160	Nokia Technologies Oy	11/08/2017	4429160	24176935.5	
4429879	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	25/10/2022	4429879	22802682.9	French
4430122	Covestro Deutschland AG	03/11/2022	4430122	22817102.1	
4430261	Renault s.a.s	14/10/2022	4430261	22802102.8	French
4430268	TechnipFMC Norge AS	09/11/2021	4430268	21810940.3	
4430282	Universidad Del País Vasco /Euskal Herriko Unibertsitatea	11/11/2022	4430282	22817635.0	
4430306	ATLAS COPCO AIRPOWER, naamloze vennootschap	24/10/2022	4430306	22813093.6	
4430557	InterDigital CE Patent Holdings, SAS	24/10/2022	4430557	22803037.5	
4430643	Tokamak Energy Ltd	10/11/2022	4430643	22834843.9	
4430645	ETH Zurich	08/11/2022	4430645	22813299.9	
4430697	MANN+HUMMEL GmbH	12/10/2022	4430697	22802923.7	
4431349	HL Mando Corporation	23/08/2023	4431349	23192849.0	
4431696	IMPACT SELECTOR INTERNATIONAL, LLC	18/06/2019	4431696	24186525.2	
4431830	Gerdes Holding GmbH & Co. KG	13/03/2023	4431830	23161561.8	German
4432323	Eaton Intelligent Power Limited	08/03/2024	4432323	24162507.8	
4432773	Wilus Institute of Standards and Technology Inc. SK Telecom Co., Ltd.	03/04/2017	4432773	24191556.0	
4432968	Orthodontic Research and Development, S.L.	16/11/2022	4432968	22818625.0	
4433292	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	25/10/2022	4433292	22802683.7	French
4433557	Sintef Ocean Instituto Superior Técnico	03/11/2022	4433557	22818922.1	
4434566	BMC (Tianjin) Medical Co., Ltd.	25/10/2019	4434566	24167715.2	
4434685	Black & Decker, Inc.	21/03/2023	4434685	23163289.4	
4434842	Siemens Mobility GmbH	01/03/2024	4434842	24160783.7	German
4435315	China Petroleum & Chemical Corporation Sinopec Research Institute of Safety Engineering Co., Ltd.	20/12/2022	4435315	22909977.5	
4436041	STMicroelectronics International N.V.	05/03/2024	4436041	24161483.3	
4436125	ViaSat, Inc.	28/06/2021	4436125	24192695.5	
4436136	Embark Trucks Inc.	20/03/2024	4436136	24164974.8	
4436638	Medspray B.V.	23/11/2022	4436638	22826837.1	
4436777	R.A JONES & CO.	21/11/2022	4436777	22835107.8	
4436859	MANITOU BF	26/10/2022	4436859	22813658.6	French
4436883	R.A JONES & CO.	22/11/2022	4436883	22835111.0	
4437695	Siemens Aktiengesellschaft	29/12/2021	4437695	21851918.9	
4438428	VOLKSWAGEN AG	26/02/2024	4438428	24159770.7	German
4438438	Dual Inventive Holding B.V.	04/03/2024	4438438	24161237.3	
4438710	Tenuta Tarcisio Maule S.r.l. - Società Agricola	26/03/2024	4438710	24166534.8	
4439070	Siemens Healthcare Diagnostics Products GmbH	27/03/2023	4439070	23164272.9	German
4439254	eBay Inc.	23/01/2020	4439254	24194459.4	
4439346	Canon Kabushiki Kaisha	18/03/2024	4439346	24164102.6	
4439788	Samsung SDI Co., Ltd.	26/03/2024	4439788	24166287.3	

4439947	Guangzhou Metro Design and Research Institute Co., Ltd. Qingdao University	25/03/2024	4439947	24166032.3	
4440775	Atlas Copco Industrial Technique AB	01/11/2022	4440775	22812588.6	
4441569	Siemens Aktiengesellschaft	21/12/2022	4441569	22840185.7	German
4442402	Nanjing Chervon Industry Co., Ltd.	01/02/2024	4442402	24155162.1	
4442903	Etteplan Oyj	02/04/2024	4442903	24168059.4	
4442950	SCHÜCO International KG	02/02/2024	4442950	24155526.7	German
4444373	Neosyad	21/10/2022	4444373	22802674.6	French
4444374	Neosyad	24/10/2022	4444374	22802676.1	French
4444607	Sport Import GmbH	06/12/2022	4444607	22830491.1	German
4444957	Revincus GmbH	07/12/2022	4444957	22830822.7	German
4445106	Technische Universität Ilmenau, Körperschaft des Öffentlichen Rechts	12/10/2022	4445106	22801449.4	German
4445969	Karsten Manufacturing Corporation	11/10/2019	4445969	24198150.5	
4446096	Flex-N-Gate Advanced Product Development, LLC	21/03/2024	4446096	24165098.5	
4446102	Commissariat à l'Energie Atomique et aux Energies Alternatives	10/04/2024	4446102	24169535.2	French
4446184	Mitsubishi Jidosha Kogyo Kabushiki Kaisha	17/02/2022	4446184	22927069.9	
4446250	ID&A S.r.l. Uniflotte S.r.l.	19/01/2024	4446250	24152896.7	
4446829	Siemens Aktiengesellschaft	11/04/2023	4446829	23167335.1	
4446917	INTEL Corporation	13/12/2023	4446917	23216467.3	
4446984	MOVIDIUS LTD.	19/08/2017	4446984	24194224.2	
4447043	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	04/03/2020	4447043	24197969.9	
4447747	DYSON TECHNOLOGY LIMITED	16/11/2022	4447747	22812725.4	
4447760	SEB S.A.	14/12/2022	4447760	22836156.4	French
4447804	Masimo Corporation	09/03/2023	4447804	23714978.6	
4447848	Brand KG	12/12/2022	4447848	22843110.2	German
4448264	Unit Product SAS	16/12/2022	4448264	22839753.5	French
4448266	PulPac AB	17/11/2022	4448266	22818683.9	
4448397	Alpla-Werke Alwin Lehner GMBH & Co.KG	16/12/2022	4448397	22840046.1	German
4448875	FRACTUM APS	14/12/2021	4448875	21827601.2	
4448954	Concordia Textiles NV	16/12/2022	4448954	22838960.7	
4448974	Winkelmann Foundation Screw Sp. z o.o.	12/12/2022	4448974	22835681.2	German
4449112	Thermo Fisher Scientific S.p.A THERMO FINNIGAN LLC	16/12/2021	4449112	21851734.0	
4449567	ams-OSRAM International GmbH	24/10/2022	4449567	22808789.6	German
4450268	ContiTech Deutschland GmbH	10/04/2024	4450268	24169489.2	German
4450305	Advanced Suspension Technology LLC	12/04/2024	4450305	24170076.4	
4450733	Ineco Holding AG	15/12/2023	4450733	23217277.5	German
4450800	Siemens Gamesa Renewable Energy Innovation & Technology S.L.	21/04/2023	4450800	23382376.4	
4451639	Nokia Solutions and Networks Oy	18/04/2023	4451639	23168598.3	
4451845	C.E.T.E.V.	20/12/2022	4451845	22840170.9	French
4451859	Lely Patent N.V.	15/12/2022	4451859	22857031.3	
4452211	L'OREAL	19/12/2022	4452211	22843650.7	
4452424	VTI Ventil Technik GmbH	31/10/2022	4452424	22801983.2	German
4452567	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	24/01/2023	4452567	23701930.2	German
4452706	VOLVO TRUCK CORPORATION	20/12/2021	4452706	21843643.4	
4452900	SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN	23/12/2022	4452900	22850733.1	French
4452924	Hovione Scientia Limited	19/12/2022	4452924	22834710.0	
4453064	Oulun Yliopisto	22/12/2022	4453064	22830898.7	
4453132	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	20/12/2022	4453132	22843661.4	German

4453398	SAFRAN	20/12/2022	4453398	22854410.2	French
	Safran Nacelles				
4453498	Fabbrica d'Armi Pietro Beretta S.p.A.	07/10/2022	4453498	22798375.6	
4453499	Fabbrica d'Armi Pietro Beretta S.p.A.	07/10/2022	4453499	22798376.4	
4453500	Fabbrica d'Armi Pietro Beretta S.p.A.	16/11/2022	4453500	22818117.8	
4453583	Sensus Spectrum LLC.	20/12/2022	4453583	22838934.2	
4453592	Element Six Technologies Limited	19/12/2022	4453592	22838809.6	
4454551	Precordior Oy	06/10/2016	4454551	24198684.3	
4454627	Prevent S.r.l.	16/04/2024	4454627	24170441.0	
4455463	Hidria d.o.o.	24/04/2023	4455463	23169367.2	
4455484	DAIKIN INDUSTRIES, LTD.	14/02/2023	4455484	23774311.7	
4455507	ContiTech Deutschland GmbH	13/03/2024	4455507	24163182.9	German
4455870	INTEL Corporation	08/10/2019	4455870	24177208.6	
4456672	Panasonic Intellectual Property Management Co., Ltd.	11/04/2024	4456672	24169702.8	
4456827	Lastruttura S.p.A.	28/12/2022	4456827	22844291.9	
4456850	NEW LIVE INGENIERIE	19/12/2022	4456850	22840153.5	French
4456852	NEW LIVE INGENIERIE	26/10/2022	4456852	22809125.2	French
4457679	Microsoft Technology Licensing, LLC	06/12/2022	4457679	22847305.4	
4457844	Hitachi Energy Ltd	29/12/2022	4457844	22834663.1	
4458340	LÜBERG foam solutions GmbH	03/05/2024	4458340	24174132.1	German
4458569	Continental Reifen Deutschland GmbH	12/12/2023	4458569	23215853.5	German
4459021	YKK CORPORATION	28/12/2021	4459021	21969956.8	
4459483	Huawei Technologies Co., Ltd.	05/01/2023	4459483	23742699.4	
4459569	Snap Inc.	17/12/2021	4459569	24199573.7	
4460262	Neolix	05/01/2023	4460262	23700456.9	French
4460617	TotalEnergies OneTech	08/01/2022	4460617	22703969.0	
4460699	Fraba B.V.	04/01/2022	4460699	22700058.5	German
4461352	CLASSYS INC.	14/12/2020	4461352	24203211.8	
4461387	Karsten Manufacturing Corporation	01/10/2019	4461387	24203031.0	
4461859	Trützschler Group SE	22/02/2024	4461859	24159192.4	German
4461879	Sumitomo Heavy Industries, LTD.	20/02/2024	4461879	24158582.7	
4462043	Vaillant GmbH	11/04/2024	4462043	24169712.7	German
4462176	Hyundai Mobis Co., Ltd.	08/02/2024	4462176	24156476.4	
4462263	Beijing Youzhuju Network Technology Co., Ltd.	03/05/2024	4462263	24174215.4	
	Lemon Inc.				
4462270	Advanced Micro Devices, Inc.	16/05/2013	4462270	24203833.9	
4462335	Capital One Services, LLC	03/08/2021	4462335	24201671.5	
4462719	Huawei Technologies Co., Ltd.	12/06/2015	4462719	24196875.9	
4463373	Safran Electronics & Defense	10/01/2023	4463373	23703086.1	French
4464087	QUALCOMM INCORPORATED	09/01/2023	4464087	23704523.2	
4464396	Parker-Hannifin Corporation	27/09/2021	4464396	24187867.7	
4464474	SMC Corporation	02/05/2024	4464474	24173822.8	
4464605	The Boeing Company	15/04/2024	4464605	24170375.0	
4464868	Robert Bosch GmbH	13/05/2024	4464868	24175433.2	German
4464999	Arista Networks, Inc.	13/05/2024	4464999	24175354.0	
4465144	The Boeing Company	19/03/2024	4465144	24164389.9	
4465524	Hyundai Mobis Co., Ltd.	03/05/2024	4465524	24173974.7	
4466118	The Gripper Company Aps	14/12/2022	4466118	22826809.0	
4466410	Rotech Group Limited	19/01/2023	4466410	23702653.9	
4466481	TDW Offshore Services AS	20/01/2023	4466481	23705801.1	
4466697	Dolby Laboratories Licensing Corporation	09/01/2023	4466697	23703973.0	
	Dolby International AB				
4466790	Raytheon Company	17/01/2023	4466790	23705750.0	
4466966	SOITEC	11/01/2023	4466966	23700212.6	French
4467338	China Tobacco Yunnan Industrial Co., Ltd	15/11/2022	4467338	22955548.7	
4467346	CANON KABUSHIKI KAISHA	15/04/2024	4467346	24170193.7	
4467357	Shenzhen Antelun Intelligent Technology Co., Ltd.	29/06/2023	4467357	23834695.1	
4467362	Hyundai Mobis Co., Ltd.	18/03/2024	4467362	24164032.5	
4467373	Magna Car Top Systems GmbH	07/05/2024	4467373	24174419.2	German

4467886	PCP Academy di Sara Bedin	15/04/2024	4467886	24170184.6	
4468460	AESC Dynamics Technology (Jiangsu) Ltd.	06/12/2023	4468460	23214505.2	
	AESC Dynamics Technology (Hubei) Ltd.				
	AESC Dynamics Technology (Ordos) Ltd.				
	AESC Intelligent Innovation Dynamics Technology (Shanghai) Ltd.				
4468524	Aptiv Technologies AG	12/08/2022	4468524	24205484.9	
4468586	Zhejiang Jiechang Linear Motion Technology Co., Ltd	06/04/2023	4468586	23841810.7	
4469346	Safran Electronics & Defense	10/01/2023	4469346	23703087.9	French
4469943	Mercedes-Benz Group AG	12/12/2022	4469943	22834991.6	German
4470780	Ricoh Company, Ltd.	20/05/2024	4470780	24176893.6	
4470809	Hyundai Mobis Co., Ltd.	04/10/2023	4470809	23201501.6	
	Nifco Korea Inc.				
4470984	Vecor IP Holdings Limited	01/06/2023	4470984	23176817.7	
4472868	Saint-Gobain Sekurit France	19/01/2023	4472868	23701426.1	French
4472926	Topsoe A/S	31/01/2023	4472926	23702136.5	
4473156	Matériel pour l' Arboriculture Fruitière	02/02/2023	4473156	23703897.1	French
4473196	Turboden S.p.A.	30/01/2023	4473196	23705655.1	
4473202	SAFRAN AIRCRAFT ENGINES	18/01/2023	4473202	23706389.6	French
4473773	Telefonaktiebolaget LM Ericsson (publ)	03/02/2022	4473773	22925142.6	
4473841	Traceless Materials GmbH	07/06/2024	4473841	24180666.0	
4474036	MANN+HUMMEL GmbH	06/06/2023	4474036	23177477.9	
4474037	MANN+HUMMEL GmbH	06/06/2023	4474037	23177478.7	
4474565	emz-Hanauer GmbH & Co. KGaA	13/05/2024	4474565	24175499.3	German
4474773	Seiko Epson Corporation	30/05/2024	4474773	24178986.6	
4475137	Bayer Aktiengesellschaft	05/06/2023	4475137	23177301.1	German
4475183	Changxin Memory Technologies, Inc.	26/08/2022	4475183	22944507.7	
4475696	Cerdia International GmbH	01/02/2023	4475696	23703029.1	German
4476168	Air Products and Chemicals, Inc.	02/02/2023	4476168	23708965.1	
4476667	Volvo Truck Corporation	07/02/2023	4476667	23703225.5	
4476731	SILICON STORAGE TECHNOLOGY, INC.	29/04/2022	4476731	22725015.6	
4477284	Interblock D.O.O.	05/10/2018	4477284	24210389.3	
4477303	Siemens Healthcare Diagnostics Inc.	01/02/2021	4477303	24203784.4	
4477383	Sidel Participations	23/05/2024	4477383	24177708.5	French
4478538	Winnercom Co., Ltd.	27/02/2024	4478538	24159892.9	
	Hyundai Mobis Co., Ltd.				
4478895	Yara International ASA	17/02/2023	4478895	23713303.8	
4478991	Edwards Lifesciences Corporation	10/02/2023	4478991	23710538.2	
4479215	Bystronic Laser AG	15/02/2023	4479215	23704357.5	
4479297	Inspirall Cycles Limited	17/02/2023	4479297	23712573.7	
4479657	Flender GmbH	02/02/2023	4479657	23702358.5	German
4480717	Sumitomo Rubber Industries, Ltd.	16/05/2024	4480717	24176307.7	
4482240	Deutsche Telekom AG	21/06/2023	4482240	23180596.1	
4482496	"Micar Innovation" Ltd.	30/03/2023	4482496	23718963.4	
4483187	Medicortex Finland Oyj	08/02/2023	4483187	23707424.0	
4483360	Dolby Laboratories Licensing Corporation	15/02/2023	4483360	23710642.2	
	Dolby International AB				
4484244	TOYOTA JIDOSHA KABUSHIKI KAISHA	01/05/2024	4484244	24173638.8	
4485259	Tata Consultancy Services Limited	14/06/2024	4485259	24182347.5	
4486211	HEMOLENS DIAGNOSTICS SPÓLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA	03/03/2022	4486211	22713452.5	
4486290	Symrise AG	27/02/2023	4486290	23706795.4	
4486617	ArcelorMittal	28/02/2022	4486617	22707893.8	
4487135	Endomagnetics LTD	05/04/2023	4487135	23718807.3	
4487186	Trotec Laser GmbH	21/03/2023	4487186	23721260.0	German
4487738	Ningbo Kaibo Group Co., Ltd.	05/06/2024	4487738	24180295.8	
4488516	Siemens Gamesa Renewable Energy A/S	04/07/2024	4488516	24186467.7	
4489069	Marelli Europe S.p.A.	01/07/2024	4489069	24185644.2	

4490057	PAPACKS SALES GmbH	01/03/2023	4490057	23708764.8	German
4490419	ACTUATION LAB LTD	07/03/2023	4490419	23710424.5	
4490655	Smartflex Technology Pte Ltd	27/09/2023	4490655	23786817.9	
4490706	AUGMENTA AGRICULTURE TECHNOLOGIES SMPC	10/03/2023	4490706	23711030.9	
4490832	SEW-Eurodrive GmbH & Co	21/02/2023	4490832	23706747.5	German
4491008	Maschinenfabrik Bernard Krone GmbH & Co. KG	31/05/2024	4491008	24179168.0	German
4491358	OPTIMA life science GmbH	02/07/2024	4491358	24186117.8	German
4491361	MECANICA CAPE, S.L.	17/01/2023	4491361	24208306.1	
4491405	CEFLA SOCIETA' COOPERATIVA	11/07/2024	4491405	24187982.4	
4491889	Specialinsert S.r.l.	09/07/2024	4491889	24187527.7	
4491927	ETI Group	08/07/2024	4491927	24187027.8	French
4492229	VMware LLC	08/07/2024	4492229	24187063.3	
4492469	Commissariat à l'Energie Atomique et aux Energies Alternatives	25/06/2024	4492469	24184462.0	French
4493358	KUKA Deutschland GmbH	17/03/2022	4493358	22716865.5	German
4493502	INVENTIO AG	07/03/2023	4493502	23710265.2	German
4493505	TK Elevator Innovation and Operations GmbH	16/03/2023	4493505	23712846.7	
4493525	VERALLIA PACKAGING	09/03/2023	4493525	23713724.5	French
4493784	BAUER Maschinen GmbH	01/03/2023	4493784	23708758.0	German
4493943	Mitsubishi Electric Corporation	20/12/2022	4493943	22847429.2	
4494565	Siemens Healthineers International AG	25/06/2024	4494565	24184355.6	
4494720	Karsten Manufacturing Corporation	24/04/2020	4494720	24214406.1	
4494950	Danyang UPC Auto Parts Co., Ltd.	21/07/2023	4494950	23187085.8	
4494991	Delta Electronics, Inc.	06/02/2024	4494991	24155983.0	
4495017	Körber Pharma Inspection GmbH	12/07/2024	4495017	24188276.0	German
4495149	Lummus Novolen Technology GmbH	18/07/2024	4495149	24189390.8	
4495271	ThyssenKrupp Steel Europe AG	21/07/2023	4495271	23186885.2	German
4495292	SK Innovation Co., Ltd.	03/05/2024	4495292	24174106.5	
4495396	Johnson Matthey Public Limited Company	19/07/2024	4495396	24189623.2	
4496091	FERRARI S.p.A.	11/07/2024	4496091	24187959.2	
4496133	Magontec GmbH	17/07/2024	4496133	24189157.1	German
4496546	Mysteryvibe Limited	22/03/2023	4496546	23715216.0	
4497168	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	17/03/2023	4497168	23710381.7	French
4497925	Rolls-Royce Corporation Rolls-Royce North American Technologies Inc.	19/10/2023	4497925	23204629.2	
4498293	FUJITSU LIMITED	01/07/2024	4498293	24185658.2	
4498474	Eve Power Co., Ltd.	18/12/2023	4498474	23217566.1	
4498817	VIAM s.r.o.	24/03/2023	4498817	23714371.4	
4499038	Pharvaris GmbH	27/03/2023	4499038	23715487.7	
4499039	Pharvaris GmbH	27/03/2023	4499039	23715488.5	
4499508	Centre National d'Études Spatiales	01/03/2023	4499508	23711523.3	French
4500086	BSH Hausgeräte GmbH	30/03/2023	4500086	23715155.0	
4500427	Swiss Reinsurance Company Ltd.	27/03/2023	4500427	23717410.7	
4502533	Sick IVP AB	31/07/2023	4502533	23188738.1	
4502801	Beijing Volcano Engine Technology Co., Ltd.	31/05/2024	4502801	24179399.1	
4503142	JINKO SOLAR CO., LTD Zhejiang Jinko Solar Co., Ltd.	13/10/2023	4503142	23203500.6	
4504413	Doppstadt Beteiligungs GmbH	21/03/2023	4504413	23715038.8	German
4504434	SMS group GmbH	22/03/2023	4504434	23715046.1	German
4504633	INVENTIO AG	27/03/2023	4504633	23713669.2	German
4504641	Saipem S.p.A.	07/03/2023	4504641	23711794.0	
4504678	Wacker Chemie AG	04/04/2022	4504678	22720657.0	German
4504847	Savare' I.c. S.r.l.	30/03/2023	4504847	23718684.6	
4505747	InterDigital CE Patent Holdings, SAS	07/04/2023	4505747	23718260.5	
4505760	Sivantos Pte. Ltd.	22/05/2024	4505760	24728208.0	German

4505862	Maschinenfabrik Bernard Krone GmbH & Co. KG	19/07/2024	4505862	24189696.8	German
4506011	Saiseiken Co., Ltd.	31/03/2023	4506011	23783290.2	
4508745	Signify Holding B.V.	04/04/2023	4508745	23716868.7	
4509332	Volvo Construction Equipment AB	18/08/2023	4509332	23192224.6	
4509341	Motherson Innovations Company Limited	15/08/2023	4509341	23191532.3	
4509757	ZKW Group GmbH	17/08/2023	4509757	23191990.3	
4511911	AGC Glass Europe	19/04/2023	4511911	23720860.8	
4512982	MINEBEA ACCESSSOLUTIONS ITALIA S.P.A.	22/08/2023	4512982	23192702.1	
4513102	Mariuzzo, Danilo	23/08/2024	4513102	24196052.5	
4513609	Capra, Daniela				
4513609	Shenzhen Total Future Technology Co., Ltd.	31/05/2024	4513609	24179179.7	
4515196	Aktiebolaget SKF	29/04/2022	4515196	22727043.6	
4515877	Apple Inc.	02/06/2023	4515877	23735523.5	
4516127	Smoores International Holdings Limited	31/07/2024	4516127	24192099.0	
4516368	NEUTECH WELLNESS CO., LTD.	23/04/2024	4516368	24171878.2	
4516454	Nanjing Chervon Industry Co., Ltd.	25/06/2023	4516454	23830127.9	
4517213	Meyer BlechTechnik AG	28/08/2023	4517213	23193725.1	German
4518823	Armgate, Sia	27/01/2023	4518823	23704838.4	
4518873	Geofarma S.r.l.	03/05/2023	4518873	23732186.4	
4518922	Hollister Incorporated	25/04/2023	4518922	23724636.8	
4519509	DDP Specialty Electronic Materials US, LLC	12/04/2023	4519509	23722157.7	
4519510	DuPont Safety & Construction, Inc.				
4519510	DDP Specialty Electronic Materials US, LLC	13/04/2023	4519510	23722166.8	
4522441	DuPont Safety & Construction, Inc.				
4522441	HUF Hülsbeck & Fürst GmbH & Co. KG	02/02/2023	4522441	23703421.0	German
4524093	SVT GmbH	13/09/2023	4524093	23197231.6	German
4524336	Eurvest S.A.	13/09/2024	4524336	24200373.9	
4524608	SICK AG	19/08/2024	4524608	24195138.3	German
4525446	LG Electronics, Inc.	16/10/2012	4525446	25155609.8	
4526220	ZELL Systemtechnik GmbH	22/05/2024	4526220	24728967.1	German
4526415	Unilever Global IP Limited	20/04/2023	4526415	23721344.2	
4526683	Faron Pharmaceuticals OY	19/05/2023	4526683	23726545.9	
4526893	Koninklijke Philips N.V.	09/05/2023	4526893	23725236.6	
4527551	Nanjing Chervon Industry Co., Ltd.	02/09/2024	4527551	24197785.9	
4527705	Anhui NIO Autonomous Driving Technology Co., Ltd.	30/10/2023	4527705	23206594.6	
4527767	Fujifilm Business Innovation Corp.	19/02/2024	4527767	24158387.1	
4530517	Voss Automotive GmbH	14/10/2020	4530517	25158590.7	German
4530725	FUJIFILM Business Innovation Corp.	26/02/2024	4530725	24159643.6	
4531673	Koninklijke Philips N.V.	23/05/2023	4531673	23728332.0	
4532393	INVENTIO AG	02/05/2023	4532393	23723908.2	German
4532652	Unilever Global IP Limited	02/05/2023	4532652	23719802.3	
4534520	Ito7plastastic GmbH	02/10/2023	4534520	23201143.7	German
4536158	C. R. Bard, Inc.	16/06/2022	4536158	22741643.5	
4536422	Easy Automation S.r.l.	05/06/2023	4536422	23734057.5	
4536939	SIEC BADA WCZA LUKASIEWICZ-INSTYTUT LOTNICTWA	12/06/2023	4536939	23761565.3	
4537286	Swiss Reinsurance Company Ltd.	05/06/2023	4537286	23733627.6	
4537921	Chanel Parfums Beauté	13/10/2023	4537921	23306799.0	French
4538673	Bruker AXS SE	13/10/2023	4538673	23203613.7	
4541718	Airbus Defence and Space GmbH	16/10/2023	4541718	23203879.4	
4542334	Samsung Electronics Co., Ltd.	11/06/2024	4542334	24736294.0	
4544172	VESTAS WIND SYSTEMS A/S	21/06/2023	4544172	23735590.4	
4545468	Wittur Holding GmbH	26/10/2023	4545468	23206273.7	
4545836	DENSO THERMAL SYSTEMS S.p.A.	21/10/2024	4545836	24207692.5	
4546078	Daikin Europe N.V.	26/10/2023	4546078	23206247.1	
4546898	Deutsche Telekom AG	25/10/2023	4546898	23205827.1	

4547301	Koninklijke Philips N.V.	25/06/2023	4547301	23736015.1	
4548812	Shanghai Quluying Outdoor Products Co., Ltd	22/12/2023	4548812	23220085.7	
4549182	Modine Manufacturing Company	31/10/2023	4549182	23207093.8	
4549812	Hella Autotechnik Nova, s.r.o.	31/10/2023	4549812	23207052.4	
4551153	Koninklijke Philips N.V.	21/06/2023	4551153	23734261.3	
4551615	Basell Polyolefine GmbH	08/09/2023	4551615	23767908.9	
4554087	SOPREMA SAS Soprema GmbH	11/11/2024	4554087	24212100.2	German
4555113	JX Metals Circular Solutions Co., Ltd.	13/07/2023	4555113	23748615.4	
4558009	JULIUS BLUM GMBH	06/07/2023	4558009	23742187.0	German
4559768	VOLVO TRUCK CORPORATION	24/11/2023	4559768	23211910.7	
4560100	GIESSE S.P.A.	20/11/2024	4560100	24214144.8	
4560137	Pusan National University Industry- University Cooperation Foundation	07/11/2024	4560137	24211464.3	
4561985	Jones, Paul	28/07/2023	4561985	23754361.6	
4562340	Häfele Technology Solutions GmbH & Co KG	12/09/2023	4562340	23769175.3	German
4563510	TMT Machinery, Inc.	30/10/2024	4563510	24209801.0	
4564384	Allegro MicroSystems, LLC	08/11/2024	4564384	24211714.1	
4565774	LAVA ENERGY LTD TECHNION RESEARCH & DEVELOPMENT FOUNDATION LIMITED	03/08/2023	4565774	23754877.1	
4566347	GOOGLE LLC	09/08/2023	4566347	23765583.2	
4568600	Limacorporate S.p.A.	03/08/2023	4568600	23751967.3	
4568884	Farwind Energy	13/10/2024	4568884	24790423.8	French
4568914	Wittur Holding GmbH	09/10/2023	4568914	23789775.6	
4569010	SNF Group	07/10/2024	4569010	24782910.4	
4569025	Wacker Chemie AG	06/09/2023	4569025	23769104.3	
4569394	GOOGLE LLC	13/10/2023	4569394	23809016.1	
4569422	GOOGLE LLC	17/10/2023	4569422	23802007.7	
4571570	SICK AG	12/12/2023	4571570	23215721.4	German
4572844	Koninklijke Philips N.V.	16/08/2023	4572844	23757599.8	
4573260	Hettich-Heinze GmbH & Co. KG	14/08/2023	4573260	23758262.2	German
4573548	Motorola Solutions, Inc.	21/08/2023	4573548	23769010.2	
4575524	maglab AG	18/12/2023	4575524	23217570.3	
4576938	Griso, Paolo	23/12/2024	4576938	24222743.7	
4578125	Telefonaktiebolaget LM Ericsson (publ)	22/08/2022	4578125	22768708.4	
4582364	TMT Machinery, Inc.	13/12/2024	4582364	24219921.4	
4582801	EVONTA-Technology GmbH	04/12/2024	4582801	24217515.6	German
4583817	Carl Zeiss Meditec AG	29/08/2023	4583817	23764842.3	German
4585102	PBJ Møbler ApS	05/11/2024	4585102	24210953.6	
4585836	The Boeing Company	26/11/2024	4585836	24215449.0	
4589309	Insta GmbH Albrecht Jung GmbH & Co. KG	22/01/2024	4589309	24153119.3	German
4590895	Billerud Aktiebolag (publ)	20/12/2023	4590895	23837246.0	
4591076	AVL List GmbH	06/09/2024	4591076	24790254.7	German
4593760	Koninklijke Philips N.V.	26/09/2023	4593760	23777235.5	
4594090	CooperVision International Limited	26/10/2023	4594090	23801850.1	
4602779	Elisa Oyj	04/10/2023	4602779	23789335.9	
4604900	Siemens Shanghai Medical Equipment Ltd.	25/10/2023	4604900	23818249.7	
4608937	Paul Wurth S.A.	27/10/2023	4608937	23798736.7	
4611641	Koninklijke Philips N.V.	11/11/2024	4611641	24801923.4	
4615060	Deutsche Telekom AG	08/03/2024	4615060	24162474.1	
4622042	Albrecht Jung GmbH & Co. KG	21/03/2024	4622042	24165074.6	German
4626686	Aerones Engineering, SIA	01/02/2024	4626686	24706236.7	

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2720335	AUMOVIO Germany GmbH	10/10/2013	2720335	13187997.5	German
2726539	Koninklijke Philips N.V.	28/06/2012	2726539	12745907.1	

2747884	Centillion Technology Limited	04/10/2012	2747884	12783258.2	
2749368	Gaindu, S.L.	06/09/2011	2749368	11784728.5	
2764749	Huawei Technologies Co., Ltd.	08/10/2011	2764749	11873661.0	
2765734	Huawei Technologies Co., Ltd.	29/10/2012	2765734	12844330.6	
2823527	Metacon Single Member S.A.	08/03/2012	2823527	12716587.6	
2839372	Global Supercomputing Corporation	29/12/2012	2839372	12867516.2	
2854858	Laboratorios Farmacéuticos Rovi, S.A.	31/05/2013	2854858	13726003.0	
2891183	Micron Technology, Inc.	29/08/2013	2891183	13834123.5	
2898695	InterDigital VC Holdings, Inc.	18/09/2013	2898695	13770776.6	
2900181	4-web, Inc.	25/09/2013	2900181	13843010.3	
2989661	Texas Instruments Incorporated	28/02/2014	2989661	14757609.4	
3024921	The Regents of the University of California	21/07/2014	3024921	14829516.5	
3045586	ICHIKAWA CO.,LTD.	08/01/2016	3045586	16150615.9	
3057608	Janssen Biotech, Inc.	13/10/2014	3057608	14854163.4	
3087423	Tissuevision, Inc.	24/12/2014	3087423	14833432.9	
3087569	Messner, William	23/12/2014	3087569	14874421.2	
3100033	Bruker AXS, Inc.	26/03/2015	3100033	15715456.8	
3111194	Petty, Jon A.	24/02/2015	3111194	15754932.0	
3136717	NTT, Inc.	21/04/2015	3136717	15783584.4	
3160303	Lievore Altherr Molina SL Donati S.p.A. Arper S.p.A.	30/06/2014	3160303	14752661.0	
3183798	TOYOTA JIDOSHA KABUSHIKI KAISHA	18/08/2015	3183798	15778002.4	
3187910	Viavi Solutions Inc.	28/12/2016	3187910	16207163.3	
3198078	GPCP IP Holdings LLC	25/09/2015	3198078	15778495.0	
3201154	GCP Applied Technologies Inc.	28/09/2015	3201154	15846443.8	
3206478	Nunhems B.V.	14/10/2015	3206478	15778695.5	
3226761	Shenzhen United Imaging Healthcare Co., Ltd.	21/08/2015	3226761	15896596.2	
3235851	Cathay Biotech Inc. CIBT America Inc.	17/12/2014	3235851	14908172.1	
3240636	Hollymatic Corporation	21/01/2016	3240636	16740728.7	
3241065	Essilor International	29/12/2015	3241065	15817903.6	
3252541	ROLEX SA	01/06/2016	3252541	16172454.7	French
3254291	Volkswagen AG	01/02/2016	3254291	16702136.9	German
3255018	Sekisui Chemical Co., Ltd.	05/02/2016	3255018	16746726.5	
3275431	JUVIC INC.	28/03/2016	3275431	16773401.1	
3304339	Cluster Seven Limited	27/05/2016	3304339	16726636.0	
3310256	Fresenius Medical Care Holdings, Inc.	22/06/2016	3310256	16815242.9	
3313513	Klang, Gregg, Alan	03/03/2016	3313513	16818371.3	
3318548	AGC Inc.	30/06/2016	3318548	16818033.9	
3318549	The Procter & Gamble Company	02/11/2017	3318549	17199615.0	
3320675	Telefonaktiebolaget LM Ericsson (publ)	14/06/2016	3320675	16824783.1	
3322477	The Regents of the University of California	11/07/2016	3322477	16825005.8	
3324820	GI Scientific LLC	21/07/2016	3324820	16828548.4	
3328536	Wilk, Andreas Heitmann, Torsten	26/07/2016	3328536	16745622.7	German
3342553	Kawasaki Jukogyo Kabushiki Kaisha	27/05/2016	3342553	16838710.8	
3344848	National Oilwell Varco, L.P.	06/09/2016	3344848	16766206.3	
3344952	Crown Equipment Corporation	02/09/2016	3344952	16843078.3	
3345211	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude	30/08/2016	3345211	16770815.5	
3359980	Crytur, Spol.S R.O. Fyzikální ústav AV CR, v.v.i.	05/10/2016	3359980	16785088.2	
3364067	MAN Truck & Bus SE	02/02/2018	3364067	18154809.0	German
3367307	Fittingbox	18/01/2011	3367307	18153039.5	French
3368010	Blaesi, Aron H.	26/10/2016	3368010	16860721.6	
3368838	Vertiv S.r.l.	28/10/2016	3368838	16788125.9	
3373828	Revamp Medical Ltd.	27/09/2016	3373828	16790692.4	
3382437	CANON KABUSHIKI KAISHA	27/03/2018	3382437	18164315.6	

3382439	Nikon Corporation	27/11/2015	3382439	15909327.7	
3388677	Gardner Denver Deutschland GmbH	28/03/2018	3388677	18164785.0	German
3390992	Henkel AG & Co. KGaA	16/12/2016	3390992	16822432.7	German
3393334	The University Of Sheffield	21/12/2016	3393334	16822234.7	
3400198	Neova Oy	09/01/2017	3400198	17700871.1	
3402539	Sidel Participations	16/01/2017	3402539	17706532.3	French
3412250	JOTEC GmbH	03/05/2013	3412250	18181375.9	German
3413922	SynAffix B.V.	08/02/2017	3413922	17703982.3	
3415193	MT.DERM GmbH	12/06/2017	3415193	17175471.6	German
3415527	Kymab Ltd.	14/06/2017	3415527	17176043.2	German
3417661	Qualcomm Incorporated	14/02/2017	3417661	17708044.7	
3420569	Micro-Epsilon Messtechnik GmbH & Co. KG	08/02/2018	3420569	18711473.1	German
3421159	WALTER AG	27/06/2017	3421159	17178058.8	
3423955	Oracle International Corporation	27/02/2017	3423955	17711837.9	
3424689	ContiTech Vibration Control GmbH	09/04/2018	3424689	18166215.6	German
3426225	Athenion AG	09/03/2017	3426225	17714392.2	
3431075	Shanghai Auzone Biological Technology Co. Ltd.	21/04/2017	3431075	17765892.9	
3432825	Transverse Medical, Inc.	27/03/2018	3432825	18776442.8	
3439746	Minimax GmbH	06/04/2017	3439746	17717357.2	German
3440345	Mita-Teknik A/S	03/04/2017	3440345	17717070.1	
3440657	Griffon Makine Ve Elektronik Sanayi Ticaret Limited Sirketi	03/04/2017	3440657	17771601.6	
3441209	Dispensing Technologies B.V.	19/12/2011	3441209	18198362.8	
3441345	De Ledebur, Juan, Carlos Ascu, Carlos M.	03/08/2018	3441345	18187365.4	
3442761	Carboncure Technologies Inc.	11/04/2017	3442761	17781677.4	
3444292	SK microworks solutions Co., Ltd.	11/04/2017	3444292	17782632.8	
3446102	Bruker Cellular Analysis, Inc.	14/04/2017	3446102	17783326.6	
3447558	Sterlite Technologies Limited	21/08/2018	3447558	18190049.9	
3451953	Mayo Foundation for Medical Education and Research	05/05/2017	3451953	17793452.8	
3452900	Microsoft Technology Licensing, LLC	26/04/2017	3452900	17721310.5	
3456722	Anacor Pharmaceuticals, LLC	09/05/2017	3456722	17795532.5	
3458038	University of Pittsburgh- Of the Commonwealth System of Higher Education	19/05/2017	3458038	17800268.9	
3461849	Greene, Tweed Technologies, Inc.	16/01/2008	3461849	18182256.0	
3465324	Snap Inc.	10/04/2017	3465324	17717850.6	
3465390	Northwestern University Tanvas, Inc.	26/05/2017	3465390	17803694.3	
3473046	Qualcomm Incorporated	15/05/2017	3473046	17728299.3	
3473365	OSG Corporation	09/08/2016	3473365	16912663.8	
3474912	University of Iowa Research Foundation	24/06/2017	3474912	17740822.6	
3476433	NXP B.V.	02/10/2018	3476433	18198333.9	
3477076	Yanmar Power Technology Co., Ltd.	23/06/2017	3477076	17827386.8	
3477091	Yanmar Power Technology Co., Ltd.	09/06/2017	3477091	17827295.1	
3478763	Arkema France	29/06/2017	3478763	17732953.9	
3479138	R3Vox Ltd.	17/10/2017	3479138	17868505.3	
3481347	AMO Development, LLC	06/07/2017	3481347	17742592.3	
3481849	The United States of America, as represented by the Secretary, Department of Health and Human Services	06/07/2017	3481849	17740574.3	
3482393	Asapp, Inc.	01/09/2016	3482393	16908347.4	
3484351	Gate Scientific, Inc.	17/07/2017	3484351	17828618.3	
3490880	Flintstone Technology Limited	28/07/2017	3490880	17764430.9	
3494134	Visterra, Inc.	02/08/2017	3494134	17754535.7	
3502715	Veris Industries, LLC	14/12/2018	3502715	18212609.4	
3506975	Medtronic Vascular Inc.	31/08/2017	3506975	17765017.3	
3507610	Qualcomm Incorporated	09/08/2017	3507610	17755369.0	
3509551	The LYCRA Company UK Limited	16/08/2017	3509551	17758004.0	

3516573	Telefonaktiebolaget LM Ericsson (PUBL)	22/09/2016	3516573	16775138.7	
3518152	Panasonic Intellectual Property Corporation of America	22/01/2019	3518152	19152926.2	
3519000	Smith & Nephew plc	29/09/2017	3519000	17777257.1	
3520593	HUSQVARNA AB	10/02/2014	3520593	19163623.2	
3521186	Toyo Jidoki Co., Ltd.	30/01/2019	3521186	19154433.7	
3522699	Dümmen Group B.V.	29/08/2017	3522699	17761469.0	
3522726	KÖNIG MASCHINEN GESELLSCHAFT M.B.H.	06/10/2017	3522726	17787307.2	German
3524281	Liu, Yingqin	19/09/2017	3524281	17857811.8	
3524364	Krones AG	25/07/2018	3524364	18185435.7	German
3526236	Beth Israel Deaconess Medical Center, Inc. Triad National Security, LLC	17/10/2017	3526236	17861431.9	
3526319	Fondazione Telethon Children's Medical Center Corporation Ospedale San Raffaele S.r.l. Politecnico di Milano	16/10/2017	3526319	17860210.8	
3526913	SHL Medical AG	15/09/2017	3526913	17764854.0	
3527039	NEC Corporation	11/10/2017	3527039	17794435.2	
3529753	Uber Technologies, Inc.	31/08/2017	3529753	17861642.1	
3532859	Vizar Technologies Sàrl	31/10/2017	3532859	17822441.6	
3533036	Schlage Lock Company LLC	30/10/2017	3533036	17865427.3	
3533883	AstraZeneca Computational Pathology GmbH	12/02/2019	3533883	19156736.1	
3534043	Allison Transmission, Inc.	23/09/2011	3534043	19170678.7	
3534769	American Sterilizer Company	20/10/2017	3534769	17866688.9	
3535900	Qualcomm Incorporated	11/09/2017	3535900	17772534.8	
3536442	Roland DG Corporation	31/10/2017	3536442	17867163.2	
3537297	Advanced New Technologies Co., Ltd.	15/12/2017	3537297	17885221.6	
3539600	ResMed Pty Ltd	17/12/2014	3539600	19157258.5	
3541216	RAI Strategic Holdings, Inc.	17/11/2017	3541216	17812066.3	
3542711	Shenzhen Goodix Technology Co., Ltd.	24/01/2018	3542711	18880062.7	
3546407	Otis Elevator Company	29/03/2019	3546407	19166361.6	
3546473	Kayla Therapeutics	09/09/2015	3546473	19174902.7	
3547768	Apple Inc.	31/01/2019	3547768	19154775.1	
3548714	Saipem S.p.A.	30/11/2017	3548714	17818624.3	
3549170	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	18/09/2017	3549170	17857673.2	
3551819	Decker, Erich	18/04/2017	3551819	17771982.0	German
3558108	Bioserenity	22/12/2017	3558108	17832300.2	French
3559699	VOLVO TRUCK CORPORATION	23/12/2016	3559699	16924811.9	
3561282	NEW H POWERTRAIN HOLDING, S.L.U.	15/04/2019	3561282	19169252.4	French
3562928	Global Life Sciences Solutions USA LLC	22/12/2017	3562928	17825871.1	
3563714	So, Youn Seo	29/12/2017	3563714	17887099.4	
3565165	Huawei Technologies Co., Ltd.	04/01/2018	3565165	18736088.8	
3566921	Novus Hi-Tech Robotic Systemz Private Ltd.	27/12/2018	3566921	18248040.0	
3567306	Marelli Automotive Lighting Italy S.p.A.	08/05/2018	3567306	18425032.2	
3567824	Samsung Electronics Co., Ltd.	13/03/2017	3567824	17895586.0	
3568859	Insulet Corporation	12/01/2018	3568859	18702854.3	
3568860	Insulet Corporation	12/01/2018	3568860	18709156.6	
3570324	Samsung Electronics Co., Ltd.	17/12/2018	3570324	18213107.8	
3571872	QUALCOMM Incorporated	19/01/2018	3571872	18713058.8	
3573457	Genialis	30/01/2018	3573457	18705436.6	French
3573616	BioPhoenix Co., Ltd.	30/01/2018	3573616	18744809.7	
3574488	Uber Technologies, Inc.	27/02/2018	3574488	18757987.5	
3576543	Starbucks Corporation	29/01/2018	3576543	18747765.8	
3576599	Intuitive Surgical Operations, Inc.	06/02/2018	3576599	18747563.7	
3576712	Swish IP Holdings Ltd	02/02/2018	3576712	18705175.0	

3578061	Mizkan Holdings Co., Ltd. Mizkan Co., Ltd.	30/01/2018	3578061	18747314.5	
3580740	Zafari, Darius Pedersen, Tess Aliana	06/02/2018	3580740	18704861.6	
3582915	General Electric Company	24/01/2018	3582915	18754754.2	
3584023	Furukawa Electric Co., Ltd.	15/01/2018	3584023	18754351.7	
3584099	Alpha Corporation	20/02/2018	3584099	18754942.3	
3585814	University of Saskatchewan The Governing Council of the University of Toronto	22/02/2018	3585814	18757454.6	
3586413	ams-OSRAM International GmbH	15/02/2018	3586413	18757856.2	
3586743	Nokia Technologies Oy	29/06/2018	3586743	18180754.6	
3589279	Topix Pharmaceuticals, Inc.	27/02/2018	3589279	18761606.5	
3589366	Sun Nuclear Corporation	28/02/2018	3589366	18712488.8	
3592355	ATNX SPV, LLC	12/03/2018	3592355	18764980.1	
3593835	B. Braun Melsungen AG	03/06/2019	3593835	19177873.7	German
3595519	Samsung Electronics Co., Ltd.	02/05/2018	3595519	18794330.3	
3599992	Board Of Trustees Of Michigan State University	21/03/2018	3599992	18772211.1	
3600200	Hayat Kimya San. A.S.	23/03/2017	3600200	17737074.9	
3603215	Telefonaktiebolaget LM Ericsson (PUBL)	22/12/2017	3603215	17823147.8	
3604489	Tozara Partners, S.L.	22/03/2018	3604489	18729722.1	
3606510	Merz Pharmaceuticals, LLC	06/04/2017	3606510	17718301.9	
3606525	Alkahest, Inc.	04/04/2018	3606525	18780971.0	
3607271	Chase, William Chase, Arnold	08/05/2018	3607271	18797770.7	
3608862	Bundesdruckerei GmbH	13/07/2019	3608862	19186176.4	German
3608970	IUCF-HYU (Industry-University Cooperation Foundation Hanyang University)	18/10/2018	3608970	18810876.5	
3609552	The Regents of The University of Michigan	11/04/2018	3609552	18785197.7	
3610581	Sony Group Corporation	13/04/2018	3610581	18716303.5	
3610996	Kawasaki Jukogyo Kabushiki Kaisha	10/04/2018	3610996	18784839.5	
3612242	Smith & Nephew, Inc	17/04/2018	3612242	18723130.3	
3614127	CKD CORPORATION	18/10/2017	3614127	17906771.5	
3616042	Fresenius Medical Care Deutschland GmbH	24/04/2017	3616042	17907261.6	
3618697	HRL Laboratories, LLC	06/04/2018	3618697	18794804.7	
3619717	Philips Healthcare Informatics, Inc.	04/06/2018	3619717	18735754.6	
3620001	Qualcomm Incorporated	04/05/2018	3620001	18727931.0	
3621105	Shenzhen China Star Optoelectronics Technology Co., Ltd.	27/05/2017	3621105	17908502.2	
3621945	Ambient Photonics, Inc.	08/05/2018	3621945	18798060.2	
3624895	The United States of America, as represented by the Secretary, Department of Health and Human Services	08/05/2018	3624895	18729515.9	
3625294	Honeywell International Inc.	18/05/2018	3625294	18805172.6	
3629771	Pellicarnos S.A.	29/05/2018	3629771	18739924.1	
3629872	Arçelik Anonim Sirketi	02/06/2017	3629872	17730081.1	
3630115	University Of Virginia Patent Foundation Virginia Tech Intellectual Properties, Inc. Newsouth Innovations Pty Limited	22/05/2018	3630115	18730588.3	
3630287	The Trustees of The University of Pennsylvania	24/05/2018	3630287	18806938.9	
3631098	Austin Engineering Ltd	23/05/2018	3631098	18805687.3	
3637151	Thermo Eberline LLC	24/02/2017	3637151	19197047.4	
3638853	Geopier Foundation Company, Inc.	18/06/2018	3638853	18818290.1	
3640182	Otis Elevator Company	26/09/2019	3640182	19199971.3	
3642529	GCE Holding AB	21/06/2017	3642529	17734272.2	
3644843	Advanced Intelligent Sensors, LLC	08/05/2018	3644843	18825462.7	
3644959	Mitocholine Ltd	27/06/2018	3644959	18739590.0	
3645196	Evapco, Inc.	28/06/2018	3645196	18824077.4	
3645252	IFP Energies nouvelles	19/06/2018	3645252	18731457.0	French

3645493	Advansix Inc. Uop LLC	28/06/2018	3645493	18824473.5	
3645822	Forel Spa	26/04/2018	3645822	18720601.6	
3645823	Soletanche Freyssinet	18/06/2018	3645823	18730798.8	French
3646453	METCON d.o.o.	22/06/2018	3646453	18746753.5	
3648494	Yubico AB	02/10/2019	3648494	19201012.2	
3649620	Sony Interactive Entertainment Inc.	04/07/2018	3649620	18742550.9	
3650916	Hamamatsu Photonics K.K.	06/07/2018	3650916	18828761.9	
3651059	Bundesdruckerei GmbH Otto-von-Guericke-Universität Magdeburg Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	15/10/2019	3651059	19203137.5	German
3651160	Samsung Electronics Co., Ltd.	17/12/2013	3651160	19208989.4	
3652724	Illinois Tool Works Inc.	16/07/2018	3652724	18752913.6	
3653289	IHI Corporation	06/07/2018	3653289	18831550.1	
3653789	Plasser & Theurer Export Von Bahnbaumaschinen Gesellschaft m.b.H.	15/10/2019	3653789	19203198.7	German
3654331	Samsung Electronics Co., Ltd.	29/06/2018	3654331	18850288.4	
3656949	Max Co., Ltd.	30/07/2015	3656949	20150994.0	
3657249	CANON KABUSHIKI KAISHA	28/10/2019	3657249	19205745.3	
3658455	STØ Technology AS	27/04/2018	3658455	18815044.5	
3664694	ZOLL Medical Israel Ltd.	20/07/2018	3664694	18843097.9	
3665811	ZTE Corporation	10/08/2017	3665811	17921316.0	
3667697	Purdue Research Foundation (Prf)	20/01/2012	3667697	19208546.2	
3669751	Essilor International	20/12/2018	3669751	18306773.5	
3670711	National Agriculture and Food Research Organization	27/09/2017	3670711	17926995.6	
3672387	K S Paterson Nominees Pty Ltd	24/08/2018	3672387	18847798.8	
3675204	Contemporary Ampere Technology (Hong Kong) Limited	08/11/2019	3675204	19207855.8	
3676656	Samsung Electronics Co., Ltd.	16/01/2019	3676656	19741411.3	
3676696	Micron Technology, Inc.	21/08/2018	3676696	18851481.4	
3676987	Huawei Technologies Co., Ltd.	23/10/2017	3676987	17925984.1	
3677901	Furuno Electric Co., Ltd.	07/08/2018	3677901	18850542.4	
3678220	LG Energy Solution, Ltd.	11/10/2018	3678220	18876472.4	
3679573	Realwear, Incorporated	04/09/2018	3679573	18855006.5	
3679851	Covidien LP	09/01/2020	3679851	20150911.4	
3681230	Samsung Electronics Co., Ltd.	10/01/2020	3681230	20151170.6	
3681663	Illinois Tool Works Inc.	07/09/2018	3681663	18778757.7	
3682514	Roxtec AB	30/08/2018	3682514	18856931.3	
3684700	Borregaard AS	18/09/2018	3684700	18766300.0	
3685262	Microsoft Technology Licensing, LLC	22/06/2018	3685262	18746042.3	
3685908	Grant Prideco, Inc.	22/01/2019	3685908	19153157.3	
3686098	Bejarano Daza, Javier Eduardo	10/07/2017	3686098	17917521.1	
3686231	Resonac Corporation	09/04/2019	3686231	19784303.0	
3686414	Yanmar Power Technology Co., Ltd.	10/09/2018	3686414	18858258.9	
3687732	Saint-Gobain Abrasives, Inc. SAINT-GOBAIN SURFACE SOLUTIONS FRANCE	27/09/2018	3687732	18863264.0	
3688330	Saint-Gobain Performance Plastics Rencol Limited	28/09/2018	3688330	18785278.5	
3689655	ICL Tech Limited	29/01/2020	3689655	20275017.0	
3690702	Huawei Technologies Co., Ltd.	12/10/2018	3690702	18866516.0	
3690730	StradVision, Inc.	24/01/2020	3690730	20153533.3	
3691599	Sartorius Stedim FMT	26/09/2018	3691599	18786004.4	French
3691802	SRST Makine Pazarlama Dis Ticaret Anonim Sirketi	05/10/2018	3691802	18868029.2	
3694421	Basude, Raghuveer	10/10/2018	3694421	18866289.4	
3694464	Massachusetts Institute of Technology	19/09/2018	3694464	18866506.1	
3695218	ANB Sensors Limited	11/10/2018	3695218	18786741.1	
3695631	Nokia Technologies Oy	04/10/2018	3695631	18785894.9	
3695661	QUALCOMM Incorporated	10/10/2018	3695661	18793734.7	

3695824	Obst, Andrew Thomas	13/02/2020	3695824	20157187.4	
3697427	Obst, Maryanne Ruth				
3697427	P.L. THOMAS-LAILA	16/10/2018	3697427	18869180.2	
	NUTRACEUTICALS, INC.				
3697995	Brose Schließsysteme GbmH & Co.	16/10/2018	3697995	18788750.0	German
	Kommanditgesellschaft				
3702943	Visa International Service Association	25/02/2020	3702943	20159388.6	
3703213	GE Grid Solutions LLC	25/02/2020	3703213	20159264.9	
3703219	VETRO Verkehrselektronik GmbH	07/02/2020	3703219	20000056.0	German
3703460	Huawei Technologies Co., Ltd.	17/10/2018	3703460	18879530.6	
3704011	PIAGGIO & C. S.p.A.	30/10/2018	3704011	18807417.3	
3704528	Samantree Medical SA	31/10/2018	3704528	18807215.1	
3704818	QUALCOMM Incorporated	25/10/2018	3704818	18803826.9	
3705009	Hüppe GmbH	09/03/2020	3705009	20161846.9	German
3705031	Foundry Innovation & Research 1, Ltd.	29/11/2017	3705031	20167840.6	
3705889	HatchTech Group B.V.	04/08/2017	3705889	20171704.8	German
3706032	Tencent Technology (Shenzhen) Company Limited	23/10/2018	3706032	18872453.8	
3707886	Samsung Electronics Co., Ltd.	08/03/2019	3707886	19764064.2	
3708918	Qingdao Haier Air-Conditioning Electronic Co., Ltd	24/05/2019	3708918	19850843.4	
	Haier Smart Home Co., Ltd.				
3709376	Universal Display Corporation	11/03/2020	3709376	20162529.0	
3710071	Oxylus d.o.o.	13/11/2018	3710071	18833287.8	
3712674	Hamamatsu Photonics K.K.	04/09/2018	3712674	18879883.9	
3714194	Interventek Subsea Engineering Limited	02/11/2018	3714194	18800302.4	
3714978	Illumina, Inc.	21/10/2011	3714978	20162774.2	
3715527	Seiko Epson Corporation	26/03/2020	3715527	20165751.7	
3717263	Hewlett-Packard Development Company, L.P.	31/01/2018	3717263	18904224.5	
3719357	RTX Corporation	30/03/2020	3719357	20166806.8	
3722859	Ningbo Sunny Opotech Co., Ltd.	16/10/2018	3722859	18887029.9	
3723016	Dropbox, Inc.	17/08/2016	3723016	20178293.5	
3724345	Lesaffre et Compagnie	12/11/2018	3724345	18819182.9	French
3724423	Ocado Innovation Limited	11/12/2018	3724423	18830408.3	
3725483	Personas y Tecnología, S.L.	04/12/2018	3725483	18887239.4	
3726770	Malikie Innovations Limited	14/01/2013	3726770	20179102.7	
3727487	TORNIER	17/12/2018	3727487	18819112.6	
3727802	Peridot Print LLC	21/03/2018	3727802	18910701.4	
3728442	Borealis GmbH	18/12/2018	3728442	18816136.8	
3729043	Bombardier Inc.	20/12/2018	3729043	18891322.2	
3729489	Battelle Memorial Institute	13/12/2018	3729489	18834097.0	
3730991	LG CHEM, LTD.	21/08/2019	3730991	19852738.4	
3731833	Sami-Sabinsa Group Limited	26/12/2018	3731833	18893434.3	
3731990	PhosPrint P.C.	28/12/2017	3731990	17828768.6	
3732533	Transitions Optical, Ltd.	27/12/2017	3732533	17821660.2	
3733084	Ethicon LLC	29/04/2020	3733084	20172202.2	
3734141	Sony Group Corporation	27/10/2015	3734141	20180419.2	
3736073	RTX Corporation	25/02/2014	3736073	20176775.3	
3737707	ASK Chemicals GmbH	11/01/2019	3737707	19701964.9	German
3739474	NXP B.V.	30/04/2020	3739474	20172269.1	
3740187	Meneses Da Silva, Edna	30/10/2018	3740187	18811059.7	French
3741653	Mitsubishi Generator Co., Ltd.	23/01/2017	3741653	20183841.4	
3742552	Nokia Solutions and Networks Oy	23/05/2019	3742552	19176293.9	
3743177	SPLIT SKIS SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA	25/01/2019	3743177	19744271.8	
3743904	BAE SYSTEMS plc	14/01/2019	3743904	19700324.7	
3746138	Alexza Pharmaceuticals, Inc.	01/02/2019	3746138	19747391.1	
3746148	Fineheart	28/01/2019	3746148	19707422.2	French
3748020	NIPPON STEEL CORPORATION	31/01/2019	3748020	19747544.5	
3748351	Shimadzu Corporation	01/02/2018	3748351	18903186.7	
3748588	Moca System Inc.	04/06/2020	3748588	20178319.8	

3748883	MediaTek Singapore Pte. Ltd.	03/06/2020	3748883	20177956.8	
3749307	Amicus Therapeutics, Inc.	06/02/2019	3749307	19706178.1	
3750123	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	28/01/2019	3750123	19701256.0	
3750158	Micron Technology, Inc.	07/02/2019	3750158	19751994.5	
3750451	Liniger, Bernd	10/06/2020	3750451	20401037.5	German
3751551	Honeywell International Inc.	03/06/2020	3751551	20178134.1	
3751683	Thorlabs Inc.	12/06/2020	3751683	20179683.6	
3753292	Nokia Technologies Oy	14/02/2018	3753292	18906634.3	
3753349	Telefonaktiebolaget LM Ericsson (publ)	14/02/2019	3753349	19709807.2	
3753445	The Procter & Gamble Company	21/06/2019	3753445	19181662.8	
3753447	The Procter & Gamble Company	21/06/2019	3753447	19181669.3	
3753448	The Procter & Gamble Company	21/06/2019	3753448	19181674.3	
3753510	Intuitive Surgical Operations, Inc.	17/03/2015	3753510	20174165.9	
3753896	TADANO LTD.	14/02/2019	3753896	19754334.1	
3754408	Matrixed Reality Technology Co., Ltd.	12/02/2019	3754408	19750619.9	
3754693	HAMAMATSU PHOTONICS K.K.	17/01/2019	3754693	19754408.3	
3755829	ANDRITZ Perfojet SAS	14/02/2019	3755829	19704823.4	French
3757266	Chance Line Industrial Co., Ltd.	19/06/2020	3757266	20181256.7	
3757962	HERE Global B.V.	19/06/2020	3757962	20181180.9	
3757972	Honeywell International Inc.	19/06/2020	3757972	20181286.4	
3762949	CTC Global Corporation	05/03/2019	3762949	19763603.8	
3764267	HUAWEI TECHNOLOGIES CO., LTD.	31/03/2018	3764267	18912684.0	
3764600	Legrand France Legrand SNC	07/07/2020	3764600	20184475.0	French
3765212	HRL Laboratories, LLC	30/10/2018	3765212	18910036.5	
3765363	Innostar	13/03/2019	3765363	19709959.1	French
3765857	Amgen Inc.	13/03/2019	3765857	19717990.6	
3765864	Duke University	10/05/2019	3765864	19768929.2	
3766070	MICRON TECHNOLOGY, INC.	15/03/2019	3766070	19767519.2	
3767801	Nidec ASI S.p.A.	02/08/2017	3767801	20195466.6	
3768115	Colgate-Palmolive Company	20/03/2019	3768115	19715627.6	
3768191	Panthera Dental Inc.	14/03/2019	3768191	19772495.8	
3768696	GammaDelta Therapeutics Limited	25/03/2019	3768696	19713774.8	
3768855	Illumina, Inc.	15/03/2019	3768855	19714037.9	
3768898	Wobben Properties GmbH	18/03/2019	3768898	19714128.6	German
3769611	Deere & Company	22/07/2019	3769611	19187519.4	
3769909	Maschinenfabrik Berthold Hermle AG	25/07/2019	3769909	19188265.3	German
3771041	Delta Electronics, Inc.	14/10/2019	3771041	19203100.3	
3772102	Littelfuse Semiconductor (Wuxi) Co., Ltd.	27/07/2020	3772102	20187998.8	
3772821	Infineon Technologies AG	07/08/2019	3772821	19190560.3	
3772887	Vitrover	09/04/2019	3772887	19716160.7	
3774095	Palmieri S.p.A.	11/04/2019	3774095	19724614.3	
3775035	ExxonMobil Chemical Patents Inc.	29/03/2019	3775035	19722275.5	
3775184	F. Hoffmann-La Roche AG	29/03/2019	3775184	19722967.7	
3775644	Wang, Zhanggang Martins de Freitas, Tiago BS&B Innovations Limited	08/04/2019	3775644	19719039.0	
3775860	Waygate Technologies USA, LP	27/03/2019	3775860	19777328.6	
3776023	3M Innovative Properties Company	26/03/2019	3776023	19774616.7	
3776614	Eaton Intelligent Power Limited	03/04/2019	3776614	19716784.4	
3777187	KAKADU R & D PTY LTD	04/04/2019	3777187	19781011.2	
3778448	Gen-Probe Incorporated	31/07/2013	3778448	20197378.1	
3778495	LG CHEM, LTD.	20/01/2020	3778495	20799595.2	
3778778	GRAPHY INC.	14/06/2019	3778778	19851356.6	
3779753	Visa International Service Association	10/03/2017	3779753	20195142.3	
3780022	Shibaura Electronics Co., Ltd.	27/09/2019	3780022	19879380.4	
3782107	Chang, Charles	11/05/2018	3782107	18912997.6	
3782240	HARTING Electric Stiftung & Co. KG	08/04/2019	3782240	19720035.5	German
3782370	QUALCOMM INCORPORATED	17/04/2019	3782370	19721491.9	
3783250	RTX Corporation	09/06/2020	3783250	20179075.5	
3783900	Sony Group Corporation	25/08/2014	3783900	20198437.4	

3785033	Universiteit Gent	02/04/2019	3785033	19713525.4	
3786647	Nidec-Read Corporation	10/04/2019	3786647	19791745.3	
3786827	Darktrace Holdings Limited	27/08/2020	3786827	20193124.3	
3786895	Tencent Technology (Shenzhen) Company Limited	27/03/2019	3786895	19794077.8	
3787203	Qingdao Haier Air-Conditioning Electronic Co., Ltd Haier Smart Home Co., Ltd.	21/01/2019	3787203	19793888.9	
3787607	L.E.A.F Holdings Group LLC	03/05/2019	3787607	19797113.8	
3787716	Thermedical, Inc.	03/05/2019	3787716	19796516.3	
3787968	W. Morrison Consulting Group, Inc.	30/04/2019	3787968	19796924.9	
3788046	Incyte Corporation	03/05/2019	3788046	19724670.5	
3788093	Hydro-Québec Murata Manufacturing Co., Ltd.	30/04/2019	3788093	19796298.8	
3789599	MAN Truck & Bus SE	16/10/2014	3789599	20199756.6	German
3789956	Robert Bosch GmbH	09/09/2019	3789956	19196081.4	
3790601	The Johns Hopkins University	09/05/2019	3790601	19726261.1	
3790731	D.P.P. Beheer B.V.	08/05/2019	3790731	19723754.8	
3792307	Bridgestone Corporation	11/04/2019	3792307	19800144.8	
3793165	Palantir Technologies Inc.	23/12/2014	3793165	20204210.7	
3794146	Bruker Spatial Biology, Inc.	14/05/2019	3794146	19732767.9	
3796070	Matrixed Reality Technology Co., Ltd.	10/09/2019	3796070	19859108.3	
3798147	Totani Corporation	23/04/2019	3798147	19807577.2	
3798595	SYSMEX CORPORATION	30/09/2020	3798595	20199256.7	
3798657	Siemens Healthineers AG	27/09/2019	3798657	19199992.9	German
3798723	Vilnius University	24/08/2020	3798723	20192311.7	
3800717	ZOLL Medical Corporation	01/10/2020	3800717	20275156.6	
3801032	Monsanto Technology LLC	05/06/2019	3801032	19815331.4	
3801057	DSM IP Assets B.V.	03/06/2019	3801057	19727689.2	
3801654	HCS INNOVATION LLC	30/05/2019	3801654	19812592.4	
3802117	Saint-Gobain Sekurit France	06/06/2019	3802117	19728695.8	German
3802318	MBDA UK Limited	23/05/2019	3802318	19727471.5	
3802870	Monoquant PTY LTD	07/06/2019	3802870	19818504.3	
3805526	GE Vernova Technology GmbH	28/09/2020	3805526	20198838.3	
3806676	Philip Morris Products S.A.	13/06/2019	3806676	19732290.2	
3806696	CSE, Inc.	14/06/2019	3806696	19819471.4	
3806917	Croma-Pharma GmbH	14/06/2019	3806917	19729774.0	
3807276	Amgen Inc.	11/06/2019	3807276	19858308.0	
3808127	Peninsula Technologies, LLC	27/03/2020	3808127	20722395.9	
3808284	Covidien LP	19/09/2016	3808284	20205097.7	
3808708	Proterial, Ltd.	12/06/2019	3808708	19820402.6	
3808729	Enzychem Lifesciences Corporation	07/10/2020	3808729	20200615.1	
3808857	Takeda Pharmaceutical Company Limited	17/10/2014	3808857	20197583.6	
3809051	Grundfos Holding A/S	14/10/2019	3809051	19202924.7	
3809208	Imec VZW	18/10/2019	3809208	19204031.9	
3809480	Samsung Electronics Co., Ltd.	16/10/2020	3809480	20202240.6	
3809690	CANON KABUSHIKI KAISHA	01/10/2020	3809690	20199525.5	
3809741	Huawei Technologies Co., Ltd.	25/07/2019	3809741	19842274.3	
3811744	Commissariat à l'Energie Atomique et aux Energies Alternatives	29/07/2019	3811744	19759660.4	French
3813310	Ciena Corporation	21/10/2020	3813310	20203025.0	
3813588	Koninklijke Philips N.V.	24/06/2019	3813588	19732364.5	
3813982	Carbon Clean Solutions Limited	24/06/2019	3813982	19734862.6	
3814705	LG Electronics Inc.	26/06/2019	3814705	19826849.2	
3815056	PepsiCo, Inc.	20/05/2019	3815056	19806428.9	
3815794	Center for Advanced Meta-Materials	19/06/2019	3815794	19825419.5	
3815937	ACPS Automotive GmbH	21/10/2020	3815937	20203139.9	German
3818452	Cisco Technology, Inc.	02/07/2019	3818452	19749032.9	
3819410	BYHERB FUTURE HEALTH TECHNOLOGY (QINGDAO) CO., LTD. Byherb Fiber Inc.	30/10/2020	3819410	20204867.4	
3822156	Artemis Technologies Limited	12/11/2020	3822156	20207228.6	

3823073	LG Energy Solution, Ltd.	30/10/2019	3823073	19878357.3	
3824045	Neste Oyj	19/07/2019	3824045	19742574.7	
3824076	Oncohost Ltd	18/07/2019	3824076	19752275.8	
3824232	Samsung Electronics Co., Ltd.	29/08/2019	3824232	19853499.2	
3828813	Samsung Electronics Co., Ltd.	24/06/2020	3828813	20181976.0	
3828892	SEMIBRAIN Inc.	27/11/2020	3828892	20210477.4	
3829818	Milwaukee Electric Tool Corporation	31/07/2019	3829818	19843990.3	
3829931	Bayerische Motoren Werke Aktiengesellschaft	19/07/2019	3829931	19749249.9	German
3830397	Eaton Intelligent Power Limited	26/07/2019	3830397	19752648.6	
3830898	Kymeta Corporation	02/08/2019	3830898	19844172.7	
3831022	Dejero Labs Inc.	30/07/2019	3831022	19844521.5	
3831681	WAYMO LLC	09/02/2015	3831681	21152260.2	
3832004	LG Electronics Inc.	30/07/2019	3832004	19843698.2	
3833406	I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.p.A.	31/07/2019	3833406	19762486.9	
3834558	Lenovo (Beijing) Limited	10/08/2018	3834558	18929759.1	
3834702	Intuitive Surgical Operations, Inc.	17/03/2015	3834702	21154425.9	
3836095	The Boeing Company	08/10/2020	3836095	20200889.2	
3837252	Boehringer Ingelheim International GmbH	14/08/2019	3837252	19753089.2	
3837390	Khu, Peter	09/08/2019	3837390	19753044.7	German
3837878	Nokia Technologies Oy	17/08/2018	3837878	18930464.5	
3837962	AGCO International GmbH	17/12/2020	3837962	20214893.8	
3838309	Qufora A/S	12/10/2017	3838309	21150666.2	
3838343	RaySearch Laboratories AB	18/12/2019	3838343	19217514.9	
3839566	Hexagon Technology Center GmbH	19/12/2019	3839566	19218302.8	
3839809	SITA Information Networking Computing UK Limited	05/05/2020	3839809	20172992.8	
3840239	Beijing Xiaomi Mobile Software Co., Ltd.	24/06/2020	3840239	20181993.5	
3840707	Kenvue Brands LLC	20/08/2019	3840707	19780360.4	
3842125	Jiangnan Environmental Protection Group Inc.	23/06/2017	3842125	21155452.2	
3843481	CANON KABUSHIKI KAISHA	17/10/2019	3843481	19876346.8	
3844318	Versum Materials US, LLC	02/10/2019	3844318	19869361.6	
3844549	Zhejiang Dahua Technology Co., Ltd.	30/08/2019	3844549	19865130.9	
3844664	Robert Bosch GmbH	03/05/2019	3844664	19723727.4	German
3845575	MITSUBISHI GAS CHEMICAL COMPANY, INC.	28/08/2019	3845575	19855117.8	
3846286	HUAWEI TECHNOLOGIES CO., LTD.	26/10/2018	3846286	18937809.4	
3846572	FUJITSU LIMITED	31/08/2018	3846572	18932079.9	
3846604	Fuji Corporation	28/08/2018	3846604	18932020.3	
3846777	Family Health International	06/09/2019	3846777	19783672.9	
3846862	The Procter & Gamble Company	05/08/2019	3846862	19753567.7	
3847358	Caterpillar Motoren GmbH & Co. KG	30/08/2019	3847358	19766173.9	
3847789	Innophase, Inc.	04/09/2019	3847789	19874425.2	
3847828	QUALCOMM Incorporated	01/08/2019	3847828	19753548.7	
3848057	Takeda Pharmaceutical Company Limited	21/01/2015	3848057	20209536.0	
3848146	FURUKAWA ELECTRIC CO., LTD.	05/09/2019	3848146	19858108.4	
3848210	HL Mando Corporation	06/09/2019	3848210	19857744.7	
3849056	GE Energy Power Conversion Technology Ltd	08/01/2020	3849056	20315003.2	French
3849486	Invacare International GmbH	02/09/2019	3849486	19762231.9	
3849640	Becton, Dickinson and Company	11/09/2019	3849640	19773679.6	
3850562	Flirtey Holdings, Inc.	13/09/2019	3850562	19783765.1	
3850617	ASK Industries GmbH	12/09/2018	3850617	18769356.9	German
3851160	Implantica Patent Ltd.	19/07/2010	3851160	20204124.0	
3852045	KeKeQiHuo (Shenzhen) Technologies Co., Ltd.	19/01/2021	3852045	21152326.1	
3852638	Hologic, Inc.	16/09/2019	3852638	19780057.6	
3853332	UNILEVER GLOBAL IP LIMITED	02/08/2019	3853332	19748537.8	
3853808	INTEL Corporation	21/09/2018	3853808	18934155.5	
3854336	Ethicon LLC	29/12/2020	3854336	20217654.1	

3854398	Academy of Military Medical Sciences	16/10/2020	3854398	20202257.0	
3854491	Vitro, S.A.B. de C.V.	18/09/2018	3854491	18934054.0	
3856084	Adcura, Inc.	12/09/2019	3856084	19864228.2	
3856342	Richter Gedeon Nyrt.	27/09/2019	3856342	19779613.9	
3856889	The Brigham & Women's Hospital, Inc.	03/09/2019	3856889	19865803.1	
3857127	Zippo Manufacturing Company	28/08/2019	3857127	19867304.8	
3857835	Huawei Technologies Co., Ltd.	18/10/2019	3857835	19872970.9	
3857840	Microsoft Technology Licensing, LLC	26/06/2019	3857840	19748998.2	
3857964	Samsung Electronics Co., Ltd.	25/10/2019	3857964	19875173.7	
3858419	Covidien LP	17/12/2015	3858419	21156702.9	
3859163	Gree Electric Appliances, Inc. of Zhuhai	02/09/2019	3859163	19887051.1	
3859222	Mitsubishi Electric Corporation	28/09/2018	3859222	18935585.2	
3859364	YOKOGAWA ELECTRIC CORPORATION	27/01/2021	3859364	21153774.1	
3859731	Huawei Technologies Co., Ltd.	10/10/2019	3859731	19871229.1	
3859733	QUALCOMM Incorporated	11/02/2017	3859733	21164997.5	
3860143	Harman International Industries, Incorporated	18/12/2020	3860143	20215361.5	
3860194	Huawei Technologies Co., Ltd.	14/10/2019	3860194	19873502.9	
3860834	Zephyros, Inc.	01/10/2019	3860834	19798765.4	
3861829	Huawei Technologies Co., Ltd.	14/08/2019	3861829	19752529.8	
3862401	Mitsubishi Chemical Corporation	30/09/2019	3862401	19869893.8	
3862784	Honeywell International Inc.	22/01/2021	3862784	21153112.4	
3862999	Honeywell International Inc.	18/01/2021	3862999	21152204.0	
3863326	Huawei Technologies Co., Ltd.	28/10/2019	3863326	19878829.1	
3863805	Krones AG	12/07/2019	3863805	19742157.1	German
3864346	BSH Hausgeräte GmbH	08/10/2019	3864346	19780263.0	German
3864503	Bentley Systems, Incorporated	01/10/2019	3864503	19794771.6	
3864822	Huawei Technologies Co., Ltd.	30/10/2019	3864822	19878190.8	
3865255	General Electric Company Oliver Crispin Robotics Limited	14/01/2021	3865255	21151530.9	
3865976	The Boeing Company	29/01/2021	3865976	21154264.2	
3866064	IDEMIA Public Security France	10/02/2021	3866064	21156234.3	French
3866385	Huawei Technologies Co., Ltd.	23/10/2019	3866385	19879640.1	
3866826	Riptide Bioscience, Inc.	19/10/2018	3866826	18937516.5	
3866920	T.J.SMITH AND NEPHEW, LIMITED	15/10/2019	3866920	19787255.9	
3866941	Hit Box. L.L.C.	18/10/2019	3866941	19798821.5	
3867165	TAKIT, LLC	17/10/2019	3867165	19878923.2	
3867223	The Regents of the University of California	17/10/2019	3867223	19873125.9	
3867248	Nxera Pharma UK Limited	21/10/2019	3867248	19794235.2	
3867438	Miele & Cie. KG	01/10/2019	3867438	19782989.8	German
3868093	Aptiv Technologies AG	18/10/2019	3868093	19786641.1	
3868360	Amorepacific Corporation	15/10/2019	3868360	19873258.8	
3869063	Vilanova Fabrega, David Murtra Lozoya, Eudaldo	21/02/2020	3869063	20382125.1	
3869748	Nokia Solutions and Networks Oy	18/02/2021	3869748	21157798.6	
3870418	Bock, Stefan	21/10/2019	3870418	19821242.5	German
3870901	BSH Hausgeräte GmbH	22/10/2019	3870901	19790535.9	German
3870999	Koninklijke Philips N.V.	22/10/2019	3870999	19787007.4	
3871532	Japan Tobacco Inc.	26/10/2018	3871532	18938077.7	
3871773	Cellix Limited	27/02/2020	3871773	20159936.2	
3872152	Idemitsu Kosan Co., Ltd.	25/10/2019	3872152	19875652.0	
3872586	Apple Inc.	29/05/2015	3872586	21167420.5	
3872800	Samsung Display Co., Ltd.	25/01/2021	3872800	21153327.8	
3874094	HKS Dreh-Antriebe GmbH	30/10/2019	3874094	19802094.3	German
3874204	Chromalloy Gas Turbine LLC	01/11/2019	3874204	19878970.3	
3875221	Lang Technik GmbH	12/11/2020	3875221	20207248.4	German
3875455	Lapto Co., Ltd.	30/08/2019	3875455	19894603.0	
3876603	Huawei Technologies Co., Ltd.	24/10/2019	3876603	19886792.1	
3877140	Windmüller & Hölscher KG	05/11/2019	3877140	19798295.2	German
3879917	NEC Corporation	16/09/2015	3879917	21172420.8	

3881827	BioNTech SE	14/07/2017	3881827	21165536.0	
	TRON-Translationale Onkologie an der				
	Universitätsmedizin der Johannes				
	Gutenberg-Universität Mainz gGmbH				
3881872	Taiwan Fiber Optics, Inc.	19/03/2020	3881872	20164340.0	
3882760	Ricoh Company, Ltd.	15/03/2021	3882760	21162592.6	
3883337	Rosemount Aerospace Inc.	18/03/2021	3883337	21163469.6	
3883767	VOLKSWAGEN AG	08/11/2019	3883767	19801838.4	German
3885813	Leica Microsystems CMS GmbH	27/03/2020	3885813	20166359.8	
3885884	Apple Inc.	02/05/2018	3885884	21168122.6	
3886460	Commissariat à l'Energie Atomique et aux	22/03/2021	3886460	21163869.7	French
	Energies Alternatives				
3887813	Ankara Üniversitesi Rektörlüğü	24/12/2019	3887813	19956862.7	
3889536	IHI Corporation	26/11/2019	3889536	19891221.4	
3889946	Astemo, Ltd.	20/09/2019	3889946	19891196.8	
3890445	Tridonic GmbH & Co. KG	31/03/2020	3890445	20167028.8	
3890826	La Science SAS	09/12/2019	3890826	19827637.0	
3891873	Robert Bosch GmbH	21/10/2019	3891873	19791227.2	German
3892592	LG Chem, Ltd.	09/06/2020	3892592	20888674.7	
3893208	JVCKENWOOD CORPORATION	22/11/2019	3893208	19909227.1	
3893468	Huawei Technologies Co., Ltd.	17/01/2020	3893468	20740939.2	
3893800	Orthoin3D	13/12/2019	3893800	19817731.3	
3893890	Lee, Sheau-Long	19/02/2021	3893890	21733035.6	
3895476	Sharp Kabushiki Kaisha	13/12/2019	3895476	19895455.4	
3895803	CapitalBio Corporation	02/02/2021	3895803	21154738.5	
3896124	POSCO Co., Ltd	02/08/2019	3896124	19896400.9	
	Research Institute of Industrial Science &				
	Technology				
3896603	Giga-Byte Technology Co., Ltd.	03/09/2020	3896603	20194274.5	
3896784	Huawei Technologies Co., Ltd.	25/12/2019	3896784	19901643.7	
3896806	ABB Schweiz AG	14/04/2020	3896806	20169293.6	
3896991	Huawei Technologies Co. Ltd.	28/10/2019	3896991	19913523.7	
3897001	Huawei Technologies Co., Ltd.	31/10/2019	3897001	19902713.7	
3897097	Kverneland Group Ravenna S.r.l.	21/12/2018	3897097	18833887.5	
3897173	Société des Produits Nestlé S.A.	20/12/2019	3897173	19829218.7	
3897262	Armadillo Industrial Limited	17/12/2019	3897262	19848936.1	
3897308	Eversys S.A.	23/10/2019	3897308	19797590.7	German
3899149	Geith International Limited	20/12/2019	3899149	19824357.8	
3899806	Google LLC	23/01/2020	3899806	20708746.1	
3899815	FLEXERA SOFTWARE LLC	17/12/2018	3899815	18943600.9	
3900441	QUALCOMM Incorporated	19/12/2019	3900441	19839075.9	
3901105	Siontech Co., Ltd.	11/10/2019	3901105	19900996.0	
	Kyungdong Navien Co., Ltd.				
3901502	Cooper-Standard Automotive (Deutschland)	21/04/2020	3901502	20170668.6	
	GmbH				
3901599	Ami Global	19/04/2021	3901599	21169066.4	
3901824	Xiaomi Inc.	04/01/2016	3901824	21179651.1	
3903223	Zoox, Inc.	18/12/2019	3903223	19839725.9	
3903522	ZTE Corporation	28/12/2018	3903522	18930094.0	
3904056	Dukane IAS, LLC	30/04/2021	3904056	21171661.8	
3904486	SUMITOMO CHEMICAL COMPANY,	06/12/2019	3904486	19902600.6	
	LIMITED				
3904534	CJ Cheiljedang Corporation	27/12/2019	3904534	19902039.7	
3905223	Honeywell International Inc.	16/04/2021	3905223	21169006.0	
3905254	Firmenich SA	30/04/2021	3905254	21171667.5	
3905623	ZTE Corporation	22/10/2019	3905623	19902692.3	
3905739	HUAWEI TECHNOLOGIES CO., LTD.	18/03/2019	3905739	21163212.0	
3906777	Jungheinrich Aktiengesellschaft	04/05/2020	3906777	20172793.0	German
3907041	Deere & Company	12/04/2021	3907041	21167867.7	

3907489	Yokogawa Electric Corporation National University Corporation Tokyo University of Marine Science And Technology	29/03/2021	3907489	21165583.2	
3907636	Block, Inc.	12/06/2013	3907636	21182200.2	
3907811	LG Energy Solution, Ltd.	11/05/2020	3907811	20831809.7	
3907911	Huawei Technologies Co., Ltd.	25/10/2019	3907911	19913149.1	
3908178	Cardiac Pacemakers, Inc.	08/01/2020	3908178	20703631.0	
3908337	The Provost, Fellows, Scholars and other Members of Board of Trinity College Dublin	10/01/2020	3908337	20702741.8	
3908484	Portable Multimedia Ltd	07/01/2020	3908484	20701232.9	
3908748	VESTAS WIND SYSTEMS A/S	08/01/2020	3908748	20700636.2	
3909422	ANDFJORD SALMON AS	15/04/2019	3909422	21183746.3	
3910459	CBS Interactive Inc.	05/05/2021	3910459	21172356.4	
3911855	Siemens Gamesa Renewable Energy A/S	09/03/2020	3911855	20714869.3	
3911971	Clairvoyant Networks, Inc.	07/02/2020	3911971	20751903.4	
3912779	Yoshino Gypsum Co., Ltd.	14/04/2020	3912779	20791944.0	
3913162	GIBUS S.p.A.	21/05/2021	3913162	21175345.4	
3913484	NBCUniversal Media, LLC	14/05/2021	3913484	21173916.4	
3914179	VERB SURGICAL INC.	12/11/2019	3914179	19911375.4	
3915923	TK Home Solutions B.V.	29/05/2020	3915923	20177313.2	
3916530	Samsung SDS Co., Ltd.	27/05/2021	3916530	21176318.0	
3917263	VIVO MOBILE COMMUNICATION CO., LTD.	21/01/2020	3917263	20744953.9	
3918191	Hedman Ericsson Patent AB	30/01/2020	3918191	20747993.2	
3918285	Breville USA, Inc.	30/01/2020	3918285	20748279.5	
3918573	Microsoft Technology Licensing, LLC	24/12/2019	3918573	19842537.3	
3918592	Avery Dennison Corporation	02/02/2019	3918592	19913210.1	
3919000	FUJIFILM Corporation	27/01/2020	3919000	20748998.0	
3919527	DAIKIN INDUSTRIES, LTD.	31/01/2020	3919527	20749007.9	
3920247	Nichia Corporation	02/06/2021	3920247	21177298.3	
3920338	Nexans	04/06/2020	3920338	20305593.4	German
3920426	Tencent Technology (Shenzhen) Company Limited	29/10/2020	3920426	20918068.6	
3920745	Imperial Tobacco Limited	07/02/2020	3920745	20703242.6	
3920858	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	10/02/2020	3920858	20714016.1	
3921128	SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA	07/02/2020	3921128	20705256.4	
3921634	ENGIE	04/02/2020	3921634	20709273.5	French
3921908	S&C Electric Company	30/01/2020	3921908	20752415.8	
3922078	Parallel Wireless, Inc.	04/02/2020	3922078	20752510.6	
3922860	MITSUBISHI ELECTRIC CORPORATION	07/02/2019	3922860	19914580.6	
3923495	Six Impossible Things Before Breakfast Limited	11/11/2017	3923495	21189927.3	
3924412	Sika Technology AG	12/02/2020	3924412	20704027.0	
3924830	Cisco Technology, Inc.	06/02/2020	3924830	20712081.7	
3924908	Construction Research & Technology GmbH	11/02/2020	3924908	20711381.2	
3925365	Samsung Electronics Co., Ltd.	16/03/2020	3925365	20772585.4	
3926416	ROLEX SA	19/06/2020	3926416	20181027.2	French
3926581	Tencent Technology (Shenzhen) Company Limited	12/02/2020	3926581	20755919.6	
3927112	GD Midea Heating & Ventilating Equipment Co., Ltd. Midea Group Co., Ltd.	24/03/2020	3927112	20787252.4	
3927476	Samsung Electronics Co., Ltd.	02/04/2020	3927476	20783427.6	
3927496	Bioness Medical, Inc.	20/02/2020	3927496	20759061.3	
3929992	BOE TECHNOLOGY GROUP CO., LTD.	04/02/2020	3929992	20759403.7	
3930789	Eli Lilly and Company	20/02/2020	3930789	20710750.9	

3931179	Abrex Pharmaceuticals, Inc.	02/03/2020	3931179	20767302.1	
3931436	General Electric Renovables España, S.L.	27/02/2020	3931436	20713796.9	
3932327	University of Massachusetts	03/02/2012	3932327	20207196.5	
3932497	Kidde Graviner Limited	28/06/2021	3932497	21182005.5	
3933075	Schaeffler Technologies AG & Co. KG	01/03/2019	3933075	19918220.5	
3933184	Everllence SE	24/06/2021	3933184	21181609.5	German
3933439	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	03/04/2019	3933439	19923505.2	
3933727	Lingdong Technology (Beijing) Co. Ltd	21/05/2021	3933727	21175164.9	
3933996	Ningde Amperex Technology Limited	07/05/2020	3933996	20919366.3	
3934129	Airbus Operations Limited	25/06/2021	3934129	21181676.4	
3934208	Samsung Electronics Co., Ltd.	27/03/2020	3934208	20784458.0	
3934431	Larus Pharma S.r.l.	04/03/2019	3934431	19718855.0	
3937802	Microline Surgical, Inc.	10/03/2020	3937802	20716326.2	
3938781	Fundación para la Formación e Investigación Sanitarias de la Región De Murcia (FFIS)	12/03/2020	3938781	20708525.9	
3939123	Phoenix Contact GmbH & Co. KG	06/03/2020	3939123	20709565.4	German
3941237	Imperial Tobacco Limited	13/03/2020	3941237	20715738.9	
3941707	Illinois Tool Works Inc.	22/03/2019	3941707	19921280.4	
3941823	Scandinavian Cargoloading Technologies AB	19/03/2020	3941823	20774388.1	
3941865	BOBST MEX SA	18/03/2020	3941865	20711185.7	
3942139	Fraba B.V.	17/03/2020	3942139	20714149.0	German
3942908	Microsoft Technology Licensing, LLC	12/03/2020	3942908	20717436.8	
3943745	Siemens Gamesa Renewable Energy Innovation & Technology S.L.	22/07/2020	3943745	20382659.9	
3944498	Shenzhen TCL New Technology Co., Ltd.	13/03/2020	3944498	20772727.2	
3944994	ROSEMOUNT AEROSPACE INC.	29/07/2021	3944994	21188601.5	
3945311	JEOL Ltd.	22/07/2021	3945311	21187274.2	
3945646	Honeywell International Inc.	09/07/2021	3945646	21184889.0	
3945715	Beijing Xiaomi Mobile Software Co., Ltd.	31/03/2021	3945715	21166335.6	
3945767	Amazonen-Werke H. Dreyer SE & Co. KG	06/02/2020	3945767	20704250.8	German
3946197	The Procter & Gamble Company	27/03/2020	3946197	20721000.6	
3946377	Orega Biotech	02/04/2020	3946377	20718247.8	
	Institut Régional du Cancer de Montpellier Université de Montpellier (INSERM) Institut National de la Santé et de la Recherche Médicale				
3946448	Immunophotonics, Inc.	02/07/2019	3946448	19921164.0	
3946717	Pyrowave Inc.	03/04/2020	3946717	20782263.6	
3946742	Sandvik SRP AB	29/03/2019	3946742	19717767.8	
3946897	Nexa3D Inc.	02/04/2020	3946897	20720316.7	
3947259	Meridian Innovation Pte Ltd	01/04/2020	3947259	20720145.0	
3947940	Delta Laboratories Holding B.V.	06/04/2020	3947940	20717985.4	
3948352	Fismeco S.r.l.	02/04/2020	3948352	20713507.0	
	Ubiquicom S.r.l.				
3948673	Telefonaktiebolaget LM Ericsson (publ)	28/03/2019	3948673	19714607.9	
3948950	Texas Instruments Incorporated	30/03/2020	3948950	20783342.7	
3949061	G.D SOCIETA' PER AZIONI	02/04/2020	3949061	20723195.2	
3949151	Intel Corporation	29/03/2019	3949151	19923465.9	
3949222	Lenovo (Singapore) Pte. Ltd.	22/03/2020	3949222	20717277.6	
3949360	Samsung Electronics Co., Ltd.	02/06/2020	3949360	20819265.8	
3950093	Donaldson Company, Inc.	07/01/2015	3950093	21171800.2	
3950397	IJTT Co., Ltd.	16/01/2020	3950397	20783587.7	
3950815	LG CHEM, LTD.	08/02/2021	3950815	21779265.4	
3952473	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	26/04/2019	3952473	19926173.6	
3952880	Celgene Corporation	09/04/2020	3952880	20722180.5	
3953694	Doss Visual Solution S.r.l.	07/04/2020	3953694	20723207.5	
3953829	Xilinx, Inc.	08/04/2020	3953829	20722859.4	
3953894	Samsung Electronics Co., Ltd.	02/06/2020	3953894	20835491.0	

3954089	Telefonaktiebolaget LM Ericsson (publ)	06/04/2020	3954089	20720127.8	
3955020	Faro Technologies, Inc.	04/08/2021	3955020	21189635.2	
3956030	Istesso Therapeutics Limited	17/04/2020	3956030	20720038.7	
3956104	3M Innovative Properties Company	25/03/2020	3956104	20717307.1	
3956411	CMC Materials LLC	15/04/2020	3956411	20791425.0	
3957345	Amgen Inc.	22/10/2014	3957345	21203015.9	
3957767	EMPA Eidgenössische Materialprüfungs- und Forschungsanstalt	18/08/2020	3957767	20191464.5	
3957961	MITSUBISHI ELECTRIC CORPORATION	28/06/2019	3957961	19925053.1	
3958820	Shanghai zhenchun Cosmetics Co., Ltd	17/04/2020	3958820	20795208.6	
3958865	Bayer Aktiengesellschaft	22/04/2020	3958865	20721193.9	
	The Broad Institute, Inc.				
	Dana-Farber Cancer Institute, Inc.				
3959334	Agilent Technologies, Inc.	21/04/2020	3959334	20795136.9	
3959436	Blade Dynamics Limited	24/04/2020	3959436	20721574.0	
	LM Wind Power A/S				
3959819	Telefonaktiebolaget LM Ericsson (publ)	23/04/2019	3959819	19719822.9	
3959842	International Business Machines Corporation	19/03/2020	3959842	20711599.9	
3960307	Kao Corporation	21/04/2020	3960307	20796025.3	
3960372	Robert Bosch GmbH	05/08/2021	3960372	21189780.6	German
3960398	Saab Seacore Limited	30/07/2021	3960398	21188911.8	
3960747	Samsung Display Co., Ltd.	27/08/2021	3960747	21193438.5	
3960994	General Electric Company	13/08/2021	3960994	21191341.3	
3961061	Kinetrol Limited	24/08/2021	3961061	21192718.1	
3961360	BOE Technology Group Co., Ltd.	27/08/2021	3961360	21193457.5	
3961883	Intrasys GmbH Innovative Transportsysteme	19/08/2021	3961883	21192245.5	German
3962153	Nokia Technologies Oy	25/08/2020	3962153	20192600.3	
3962637	Hach Company	24/04/2020	3962637	20730131.8	
3962846	Hewlett-Packard Development Company, L.P.	30/04/2019	3962846	19927297.2	
3963694	Schaeffler Technologies AG & Co. KG	09/04/2020	3963694	20721402.4	German
3964008	ZTE Corporation	30/04/2019	3964008	19927021.6	
3964333	Stockburger, Michael	31/08/2021	3964333	21194115.8	German
3964787	KNDS Deutschland GmbH & Co. KG	07/09/2021	3964787	21195330.2	German
3965227	Calterah Semiconductor Technology (Shanghai) Co., Ltd	28/04/2019	3965227	19927007.5	
3965262	LG Electronics Inc.	05/03/2020	3965262	20798926.0	
3965696	Caisson Interventional, LLC	08/05/2020	3965696	20801996.8	
3965847	Bohnas Innovations LLC	08/05/2020	3965847	20802427.3	
3966430	SAFRAN AIRCRAFT ENGINES	03/04/2020	3966430	20715097.0	French
3967014	Worldpay, LLC	30/04/2020	3967014	20727052.1	
3967120	Inflexion Point Technologies, LLC	23/06/2015	3967120	21204703.9	
3967480	The Boeing Company	22/07/2021	3967480	21187142.1	
3967483	National University Corporation Kanazawa University	30/04/2020	3967483	20802972.8	
3967705	United Arab Emirates University	04/02/2015	3967705	21185265.2	
3967823	Zambelli Fertigungs GmbH & Co. KG	09/09/2021	3967823	21195862.4	German
3967983	Mettler-Toledo (Albstadt) GmbH	14/09/2020	3967983	20195951.7	
3968727	Samsung Electronics Co., Ltd.	06/08/2018	3968727	21203226.2	
3969093	Becton, Dickinson and Company	05/05/2020	3969093	20729341.6	
3969611	Illumina, Inc.	02/02/2021	3969611	21709820.1	
3969877	Entech Instruments Inc.	03/06/2020	3969877	20747250.7	
3970157	Huawei Cloud Computing Technologies Co., Ltd.	17/10/2019	3970157	19798445.3	
3970366	Beijing Bytedance Network Technology Co., Ltd.	15/06/2020	3970366	20822936.9	
	ByteDance Inc.				
3970781	ASAHI INTECC CO., LTD.	17/04/2020	3970781	20806483.2	

3972888	Canoo Technologies Inc.	20/05/2020	3972888	20809867.3	
3973456	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. Universität des Saarlandes	09/03/2020	3973456	20709199.2	German
3973501	Huawei Technologies Co. Ltd.	18/06/2019	3973501	19735087.9	
3973781	Fuji Oil Co., Ltd.	28/02/2020	3973781	20810341.6	
3974418	Shanghai Yuanxi Medicine Corp.	20/01/2020	3974418	20830985.6	
3976387	SPGPrints B.V.	27/05/2020	3976387	20727324.4	
3976970	Nuovo Pignone Tecnologie - S.r.l.	28/05/2020	3976970	20731388.3	
3977076	Minimax Viking Patent Management GmbH	28/05/2020	3977076	20733344.4	German
3977667	Commissariat à l'Energie Atomique et aux Energies Alternatives	27/05/2020	3977667	20743190.9	French
3978034	R. Gutterman Resources and Holdings Ltd.	02/10/2020	3978034	20199952.1	
3978791	Google LLC	24/08/2021	3978791	21192698.5	
3979588	Juniper Networks, Inc.	17/12/2020	3979588	20215179.1	
3980875	Touch Biometrix B.V.	05/06/2020	3980875	20739761.3	
3981006	Aalborg Universitet	05/06/2020	3981006	20733695.9	
3981031	Ricoh Company, Ltd.	09/06/2020	3981031	20743876.3	
3981101	QUALCOMM Incorporated	02/06/2020	3981101	20746484.3	
3981643	B/E Aerospace, Inc.	12/10/2021	3981643	21202080.4	
3982047	Electrolux Appliances Aktiebolag	12/10/2020	3982047	20201207.6	
3982192	OpenLight Photonics, Inc.	22/12/2020	3982192	20216671.6	
3983585	Vandewiele NV	29/05/2020	3983585	20728501.6	
3984053	Tyco Fire & Security GmbH	17/06/2020	3984053	20827231.0	
3984164	Microsoft Technology Licensing, LLC	05/05/2020	3984164	20729321.8	
3984864	Daimler Truck AG	17/06/2020	3984864	20841642.0	
3985084	BRIDGESTONE CORPORATION	11/06/2020	3985084	20822556.5	
3985165	SEB S.A.	06/10/2021	3985165	21201311.4	French
3985175	OilQuick Deutschland KG	04/10/2021	3985175	21200701.7	German
3985645	Aurora Flight Sciences Corporation, a subsidiary of The Boeing Company	23/08/2021	3985645	21192624.1	
3985743	Shin-Etsu Handotai Co., Ltd.	26/05/2020	3985743	20822513.6	
3985846	MEGAWATT TECHNOLOGY Oy	17/08/2020	3985846	20929679.7	
3986615	Analog Devices International Unlimited Company	22/06/2020	3986615	20734508.3	
3986993	The Lubrizol Corporation	24/06/2020	3986993	20742987.9	
3987845	Nokia Technologies Oy	20/06/2019	3987845	19734012.8	
3988189	COLOPL, INC.	17/06/2020	3988189	20825605.7	
3988259	PHD, Inc.	18/10/2021	3988259	21203298.1	
3988497	Manitou Italia S.r.l.	21/10/2021	3988497	21203877.2	
3989639	ZTE Corporation	20/10/2020	3989639	20881265.1	
3990338	ABB Schweiz AG	26/06/2019	3990338	19740489.0	
3990531	Eastman Chemical Company	12/06/2020	3990531	20735742.7	
3990534	Eastman Chemical Company	12/06/2020	3990534	20751757.4	
3991649	SHFT II ApS	27/10/2020	3991649	20204116.6	
3992033	Misato Industries Co., Ltd.	25/06/2020	3992033	20831981.4	
3992102	All4Labels Kassel GmbH	04/01/2021	3992102	21150074.9	German
3992144	Schmid, Bertram	29/10/2020	3992144	20204633.0	German
3992789	BSH Hausgeräte GmbH	08/10/2021	3992789	21201656.2	German
3992947	Rockwell Collins, Inc.	21/10/2021	3992947	21204044.8	
3993176	Self Electronics Co., Ltd. SELF ELECTRONICS Germany GmbH	28/10/2021	3993176	21205400.1	
3993278	Lin, Wanjiang MEDIATEK INC.	28/10/2021	3993278	21205258.3	
3993375	BSH Hausgeräte GmbH	08/10/2021	3993375	21201652.1	German
3993392	Sony Semiconductor Solutions Corporation	19/05/2020	3993392	20833358.3	
3993441	Weifang Goertek Microelectronics Co., Ltd.	05/07/2019	3993441	19935734.4	
3994326	The Braun Corporation	01/07/2020	3994326	20834832.6	
3994478	Waymo LLC	22/07/2020	3994478	20917145.3	
3994774	Nomad Atomics Pty Ltd	29/06/2020	3994774	20834667.6	
3995062	Miele & Cie. KG	19/10/2021	3995062	21203318.7	German

3995082	NanoRay Biotech Co., Ltd.	21/10/2021	3995082	21203913.5	French
3995380	THK Co., Ltd.	17/06/2020	3995380	20834472.1	
3996716	Nanjing Zenshine Pharmaceuticals Co., Ltd.	10/07/2020	3996716	20836808.4	
3996729	Mousset, Pierre-Yves	09/07/2020	3996729	20750339.2	
3997619	Google LLC	14/08/2019	3997619	19762007.3	
3997700	Dolby Laboratories Licensing Corporation	07/07/2020	3997700	20750899.5	
	Dolby International AB				
3998171	NHK Spring Co., Ltd.	06/07/2020	3998171	20836268.1	
3998677	KMW Inc.	30/06/2020	3998677	20836156.8	
3999144	Medtrum Technologies Inc.	19/07/2019	3999144	19938502.2	
3999304	Covestro Deutschland AG	13/07/2020	3999304	20754617.7	French
3999437	Nuova Ompi S.r.l.	25/06/2020	3999437	20742486.2	
4000124	Telefonaktiebolaget LM Ericsson (publ)	16/07/2019	4000124	19759434.4	
4001284	SFC Co., Ltd.	16/07/2020	4001284	20840303.0	
4002050	Deere & Company	19/10/2021	4002050	21203474.8	
4002880	Suzhou Rusheng Electronics Co., Ltd.	23/10/2019	4002880	19938033.8	
4002916	Samsung Electronics Co., Ltd.	14/08/2020	4002916	20852574.1	
4003029	Frank Brunckhorst Co., LLC	24/07/2020	4003029	20844024.8	
4003190	Covidien LP	19/07/2019	4003190	19938340.7	
4003256	The Government of The United States, as Represented by The Secretary of The Army	30/07/2020	4003256	20847308.2	
4003261	Corben	01/07/2020	4003261	20743592.6	French
4003543	Monster Smart Solutions, LLC	23/07/2020	4003543	20844080.0	
4003789	Motherson Innovations Company Limited	16/08/2021	4003789	21765849.1	
4004850	KABOODL, LLC	17/12/2019	4004850	19849067.4	
4004941	Università Campus Bio-Medico di Roma	02/07/2020	4004941	20737059.4	
	Università degli Studi di Roma "La Sapienza"				
4006171	Lisen Imprinting Diagnostics Wuxi Co., Ltd	28/07/2020	4006171	20846161.6	
4006828	NEC Corporation	22/07/2019	4006828	19938615.2	
4007076	Iriso Electronics Co., Ltd.	29/07/2020	4007076	20846992.4	
4007624	Medtrum Technologies Inc.	01/08/2019	4007624	19939991.6	
4009373	BOE Technology Group Co., Ltd.	01/08/2019	4009373	19933245.3	German
	Chengdu BOE Optoelectronics Technology Co., Ltd.				
4009597	Nokia Technologies Oy	29/11/2021	4009597	21210957.3	
4010253	Efficient Technologies, Inc.	08/09/2020	4010253	20860705.1	
4010254	Katalyst-Atomos Transition, LLC	07/08/2020	4010254	20849111.8	
4010717	Volt Technology Limited	04/08/2020	4010717	20850183.3	
4010789	Apple Inc.	25/09/2020	4010789	20789388.4	
4011745	KNORR-BREMSE	11/12/2020	4011745	20213468.0	
	Systeme für Schienenfahrzeuge GmbH				
4011827	Jiangsu Liside New Material Co., Ltd.	04/02/2021	4011827	21763204.1	
	Zhejiang University				French
4012243	Techtronic Cordless GP	31/08/2021	4012243	21194178.6	
4012419	Hitachi High-Tech Corporation	21/02/2020	4012419	20849242.1	
4012608	Tata Consultancy Services Limited	17/03/2021	4012608	21163031.4	
4013476	Belmont Instrument, LLC	24/07/2020	4013476	20754528.6	
4013724	Saint-Gobain Sekurit France	11/08/2020	4013724	20753761.4	
4014607	Nokia Technologies Oy	16/08/2019	4014607	19758653.0	
4015017	DEKA Products Limited Partnership	21/12/2012	4015017	22154259.0	
4015276	Autoliv Development AB	21/12/2021	4015276	21216551.8	
4016314	Intel Corporation	16/09/2021	4016314	21197132.0	
4016557	Fujian Golden Dragon Rare-Earth Co., Ltd.	07/07/2020	4016557	20889184.6	
4016693	Panasonic Intellectual Property Management Co., Ltd.	27/07/2020	4016693	20878356.3	French
4017775	Cambridge Mobile Telematics, Inc.	31/07/2020	4017775	20855208.3	
4018053	THE METAL WINDOW CO LTD (INCORPORATED IN THE UNITED KINGDOM)	24/08/2020	4018053	20761564.2	
4018543	Cummins, Inc.	18/08/2020	4018543	20853987.4	
4018635	Sun Chemical Corporation	21/08/2020	4018635	20764558.1	

4018836	Universitat Politècnica de València	12/08/2020	4018836	20854418.9	
4018968	Shanghai HanYu Medical Technology Co., Ltd	26/04/2021	4018968	21856955.6	
4020976	Cmosis NV	23/03/2009	4020976	22158007.9	
4021329	Auris Health, Inc.	27/08/2020	4021329	20856923.6	
4022164	Hydril USA Distribution LLC	26/08/2020	4022164	20857027.5	
4022404	Siemens Aktiengesellschaft	06/10/2020	4022404	20797374.4	German
4022732	ABB Schweiz AG	28/08/2019	4022732	19761821.8	
4022974	Samsung Electronics Co., Ltd.	24/09/2020	4022974	20873312.1	
4023278	ASAHI INTECC CO., LTD.	05/08/2020	4023278	20856207.4	
4023394	The Boeing Company	21/12/2021	4023394	21216308.3	
4023410	Resonac Corporation	07/10/2020	4023410	20875534.8	
4024355	Sielaff GmbH & Co. KG Automatenbau Herrieden	12/10/2021	4024355	21202184.4	German
4024772	LG ENERGY SOLUTION, LTD.	07/07/2021	4024772	21838428.7	
4024988	Sony Group Corporation	12/08/2020	4024988	20864538.2	
4025162	Shukla Medical	15/07/2020	4025162	20750989.4	
4025484	Lauf Cycles hf.	04/09/2020	4025484	20764679.5	
4025716	BMA Braunschweigische Maschinenbauanstalt GmbH	24/08/2020	4025716	20760361.4	German
4026124	Google LLC	25/09/2020	4026124	20789391.8	
4026158	Singulus Technologies AG	11/08/2020	4026158	20756820.5	German
4026201	Hubbell Incorporated	04/09/2020	4026201	20861123.6	
4026321	Huawei Technologies Co., Ltd.	02/10/2020	4026321	20821914.7	
4026372	Nokia Technologies Oy	06/09/2019	4026372	19773294.4	
4026642	Panasonic Intellectual Property Management Co., Ltd.	28/08/2020	4026642	20860160.9	
4026872	FUJIFILM Corporation	13/08/2020	4026872	20860593.1	
4026893	DEKA Products Limited Partnership	07/10/2016	4026893	22159075.5	
4027110	Honeywell International Inc.	04/01/2022	4027110	22150212.3	
4027493	Cebi Motors S.p.A.	11/01/2022	4027493	22151004.3	
4027584	Huawei Technologies Co. Ltd.	30/09/2019	4027584	19947578.1	
4027603	Huawei Technologies Co., Ltd.	15/10/2020	4027603	20877749.0	
4027643	Samsung Display Co., Ltd.	07/01/2022	4027643	22150618.1	
4027757	Schneider Electric Industries SAS	21/12/2021	4027757	21216186.3	French
4028870	Oracle International Corporation	11/09/2020	4028870	20862332.2	
4029810	Beijing Geekplus Technology Co., Ltd.	13/10/2020	4029810	20876272.4	
4030063	Hunter Fan Company	14/12/2016	4030063	22161207.0	
4030385	TheraPanacea	14/01/2021	4030385	21305043.8	
4032459	Auris Health, Inc.	26/03/2018	4032459	22160897.9	
4033221	HORIBA, Ltd.	06/10/2020	4033221	20877474.5	
4033517	Commissariat à l'Energie Atomique et aux Energies Alternatives	25/01/2022	4033517	22153163.5	French
4033652	MITSUBISHI HEAVY INDUSTRIES ENGINE & TURBOCHARGER, LTD.	29/08/2019	4033652	22161404.3	
4033878	Altatek GmbH	17/09/2020	4033878	20772064.0	German
4034034	Medtronic Vascular Inc.	22/09/2020	4034034	20785888.7	
4034456	Boards & More GmbH	05/10/2020	4034456	20789897.4	German
4035068	Huawei Technologies Co., Ltd.	23/10/2019	4035068	19797193.0	
4035493	Huawei Technologies Co., Ltd.	02/10/2020	4035493	20836935.5	
4035638	Daio Paper Corporation	08/09/2020	4035638	20867830.0	
4036683	Huawei Technologies Co., Ltd.	19/10/2020	4036683	20879803.3	
4037239	MediaTek Singapore Pte. Ltd.	27/01/2022	4037239	22153682.4	
4037340	Nokia Technologies Oy	28/01/2021	4037340	21153938.2	
4038363	TOTAL SE	02/10/2020	4038363	20871474.1	
4038776	The Regents of The University of Michigan				
4038776	Hughes Network Systems, LLC	10/09/2020	4038776	20780488.1	
4040260	Microsoft Technology Licensing, LLC	02/03/2013	4040260	21189385.4	
4040482	Huawei Technologies Co., Ltd.	29/10/2019	4040482	19950830.0	
4041053	Ocuvation Limited	12/10/2020	4041053	20788700.1	
4041131	Alcon Inc.	01/10/2020	4041131	20871122.6	
4041460	APTAR France SAS	05/10/2020	4041460	20799766.9	French

4041604	GM Cruise Holdings LLC	23/12/2019	4041604	19845857.2	
4041783	SYENSQO SA	07/10/2020	4041783	20785982.8	
	Politecnico Di Torino				
4041918	Life Technologies Corporation	09/10/2020	4041918	20801126.2	
4042345	Schneider Electric Systems USA, Inc.	30/10/2020	4042345	20816666.0	
4043301	Astemo, Ltd.	08/10/2020	4043301	20874115.7	
4043767	Foshan Shunde Midea Washing Appliances Manufacturing Co., Ltd.	13/04/2021	4043767	21825988.5	
4043835	SAAB AB	18/12/2018	4043835	22155929.7	
4044014	Huawei Technologies Co. Ltd.	14/10/2020	4044014	20881668.6	
4044361	Huawei Technologies Co., Ltd.	15/10/2019	4044361	19949479.0	
4044732	Huawei Technologies Co., Ltd.	15/10/2019	4044732	19948951.9	
4044813	LANXESS Deutschland GmbH	13/10/2020	4044813	20790287.5	
4044980	Technologies CGC Inc.	16/10/2020	4044980	20877841.5	
4045113	Ypsomed AG	13/10/2020	4045113	20789143.3	
4045262	BASF SE	13/10/2020	4045262	20792956.3	
4045585	BASF SE	13/10/2020	4045585	20792609.8	
4045861	Pyrotek, Inc.	15/10/2020	4045861	20876681.6	
4046122	JPMorgan Chase Bank, N.A.	15/10/2020	4046122	20807548.1	
4046173	SUMIDA Components & Modules GmbH	13/10/2020	4046173	20790280.0	German
4047715	Audi AG	02/02/2022	4047715	22154702.9	German
	Dr. Ing. h.c. F. Porsche Aktiengesellschaft				
	AUMOVIO Germany GmbH				
4047855	MediaTek Singapore Pte. Ltd.	15/02/2022	4047855	22156818.1	
4048128	TPA Impex S.p.A.	01/10/2020	4048128	20796667.2	
4049677	Hemanext Inc.	25/05/2017	4049677	22151803.8	
4049913	Zenseact AB	24/02/2021	4049913	21159052.6	
4050463	LG Display Co., Ltd.	05/06/2015	4050463	22168346.9	
4050522	Imagination Technologies Limited	25/02/2022	4050522	22158809.8	
4050673	BOE Technology Group Co., Ltd.	21/10/2019	4050673	19945467.9	
4050846	Visa International Service Association	08/08/2017	4050846	22168048.1	
4050862	ZTE Corporation	21/10/2020	4050862	20882205.6	
4051123	Koninklijke Philips N.V.	27/10/2020	4051123	20800056.2	
4051339	Ypsomed AG	21/10/2020	4051339	20796747.2	
4051340	NEMERA LA VERPILLIERE	30/10/2020	4051340	20797132.6	French
4051873	ASF Technologies (Australia) Pty Ltd	29/10/2020	4051873	20880711.5	
4052116	Immersion	27/10/2020	4052116	20808493.9	French
4052593	Japan Tobacco Inc.	29/10/2020	4052593	20883647.8	
4052747	Boehringer Ingelheim International GmbH	04/05/2015	4052747	22155769.7	
4052885	SUMITOMO HEAVY INDUSTRIES, LTD.	23/02/2022	4052885	22158186.1	
4053027	Mondini S.r.l.	11/02/2022	4053027	22156368.7	
4053183	Shin-Etsu Chemical Co., Ltd.	18/02/2022	4053183	22157387.6	
4053568	ABLIC Inc.	28/02/2022	4053568	22159106.8	
4053573	LG Energy Solution, Ltd.	19/04/2021	4053573	21814470.7	
4054800	Schaeffler Technologies AG & Co. KG	06/10/2020	4054800	20799978.0	German
4055260	GE Vernova Technology GmbH	22/10/2020	4055260	20812155.8	
4055482	Microsoft Technology Licensing, LLC	28/10/2020	4055482	20812463.6	
4056601	Zeon Corporation	28/10/2020	4056601	20885228.5	
4057668	Huawei Technologies Co. Ltd.	12/10/2020	4057668	20896489.0	
4059385	Mestrans, S.L.	27/10/2020	4059385	20888283.7	
	Beumala Carbonell, Joan Ramon				
4060404	ASML Netherlands B.V.	09/02/2022	4060404	22155985.9	
4060444	TOYOTA JIDOSHA KABUSHIKI KAISHA	07/03/2022	4060444	22160426.7	
4060601	Acer Medical Inc.	13/09/2021	4060601	21196275.8	
4061530	Nuclera Ltd	19/11/2020	4061530	20890019.1	
4062426	Ecole Polytechnique Fédérale de Lausanne (EPFL)	19/11/2019	4062426	19809733.9	
4063886	LG Energy Solution, Ltd.	18/10/2021	4063886	21883166.7	
4063956	Esco-Graphics Imaging GmbH	29/12/2021	4063956	21218103.6	
4064074	SAP SE	07/03/2022	4064074	22160466.3	

4064603	Telefonaktiebolaget LM Ericsson (publ)	20/12/2017	4064603	22164062.6	
4064675	NBCUniversal Media, LLC	24/03/2022	4064675	22164204.4	
4065196	SHL Medical AG	29/10/2020	4065196	20797766.1	
4066250	Politecnico di Milano	28/09/2021	4066250	21791466.2	
4066259	Nevada Research & Innovation Corporation	23/12/2020	4066259	20839538.4	
4066775	Baxter Medical Systems GmbH + Co. KG	31/03/2021	4066775	21166456.0	
4066892	Morinaga Milk Industry Co., Ltd.	14/10/2020	4066892	20892557.8	
4067011	General Electric Company	01/02/2022	4067011	22154585.8	
	Oliver Crispin Robotics Limited				
4067445	Seiko Epson Corporation	28/03/2022	4067445	22164616.9	
4067696	Nabtesco Corporation	11/02/2022	4067696	22156415.6	
4068222	Samsung Electronics Co., Ltd.	16/03/2022	4068222	22162557.7	
4068355	NICHIA CORPORATION	08/03/2022	4068355	22160812.8	
4068520	Tris Inc.	18/11/2020	4068520	20892659.2	
4069252	Academia Sinica	15/11/2020	4069252	20895256.4	
4070316	BenevolentAI Technology Limited	27/11/2020	4070316	20825174.4	
4071272	Mitsubishi Heavy Industries, Ltd.	25/10/2021	4071272	21204425.9	
	National University Corporation Kumamoto University				
4071567	Fuji Corporation	04/12/2019	4071567	19955297.7	
4071609	ZTE Corporation	26/10/2020	4071609	20895097.2	
4071615	Tencent Technology (Shenzhen) Company Limited	09/09/2021	4071615	21823476.3	
4071925	Zanini Auto Grup, S.A.	08/04/2021	4071925	21382295.0	
4071974	Hamilton Sundstrand Corporation	30/03/2022	4071974	22165410.6	
4072813	Continental Reifen Deutschland GmbH	27/10/2020	4072813	20800587.6	German
4073684	Carrus Gaming	11/12/2020	4073684	20820998.1	French
4074381	B/E Aerospace Systems GmbH	14/04/2021	4074381	21168366.9	
4076385	Formycon AG	18/12/2020	4076385	20838010.5	
4076450	C4 Therapeutics, Inc.	18/12/2020	4076450	20902413.2	
4076894	De' Longhi Appliances S.r.l. Con Unico Socio	18/12/2020	4076894	20835900.0	
4076895	De' Longhi Appliances S.r.l. Con Unico Socio	18/12/2020	4076895	20838300.0	
4077342	Genfit	17/12/2020	4077342	20835788.9	
4077425	SYENSQO SA	17/12/2020	4077425	20830169.7	
4077901	Cummins, Inc.	16/12/2020	4077901	20902651.7	
4078249	Rodenstock GmbH	18/12/2020	4078249	20842564.5	German
4078369	VMware LLC	10/05/2021	4078369	21730012.8	
4078624	Henkel AG & Co. KGaA	20/12/2019	4078624	19956672.0	
4079171	Shenzhen Buddy Technology Development Co., Ltd	15/01/2021	4079171	21741057.0	
4079575	STANLEY ELECTRIC CO., LTD.	20/04/2022	4079575	22168976.3	
	HONDA MOTOR CO., LTD.				
4080414	Samsung Display Co., Ltd.	01/03/2022	4080414	22159396.5	
4080907	Sony Group Corporation	23/10/2020	4080907	20901696.3	
4081521	Lupin Limited	27/12/2020	4081521	20842043.0	
4082645	Pall Corporation	14/04/2022	4082645	22168436.8	
4084208	LG Energy Solution, Ltd.	15/03/2021	4084208	21785356.3	
4084230	Kyocera Corporation	21/12/2020	4084230	20905197.8	
4084231	Kyocera Corporation	21/12/2020	4084231	20905713.2	
4084232	Kyocera Corporation	21/12/2020	4084232	20907641.3	
4084407	ZTE Corporation	21/10/2020	4084407	20908342.7	
4084609	Instituto de Investigación Sanitaria Aragón	18/12/2020	4084609	20838029.5	
	Universidad Complutense De Madrid				
	Universidad De Zaragoza				
4084691	Zoll Medical Corporation	21/12/2020	4084691	20845716.8	
4084830	The Regents of the University of California	04/01/2021	4084830	21736205.2	
4085375	TENCENT AMERICA LLC	01/10/2021	4085375	21918026.2	
4085429	GDM Holding LLC	08/02/2021	4085429	21704483.3	
4086666	Siemens Medical Solutions USA, Inc.	29/04/2022	4086666	22170906.6	
4087036	LG Energy Solution, Ltd.	02/02/2021	4087036	21795977.4	

4088560	AGCO International GmbH	03/05/2022	4088560	22171470.2	
4088634	Cominotti S.r.l.	26/04/2022	4088634	22170073.5	
4088757	Cellartgen Inc.	15/02/2021	4088757	21753948.5	
4088766	Insulcloud, S.L.	24/01/2019	4088766	22182347.9	
4089238	Hitachi Construction Machinery Co., Ltd.	28/12/2020	4089238	20912495.7	
4089726	Erwin Quarder Systemtechnik GmbH	11/05/2022	4089726	22172757.1	German
4090286	Shaare Zedek Scientific Ltd. Wertzerberger, Shay Roy Howard, Adam Kenneth	11/01/2021	4090286	21741201.4	
4090913	The University of British Columbia	18/01/2021	4090913	21741167.7	
4091117	JPMorgan Chase Bank, N.A.	19/01/2021	4091117	21709160.2	
4091127	Inguran, LLC	14/01/2021	4091127	21741379.8	
4091181	Commissariat à l'Energie Atomique et aux Energies Alternatives	15/01/2021	4091181	21719699.7	French
4091488	Nike Innovate C.V.	29/05/2018	4091488	22184277.6	
4091775	Rolls-Royce plc	03/05/2022	4091775	22171337.3	
4092942	Vivo Mobile Communication Co., Ltd.	07/01/2021	4092942	21741571.0	
4092984	Huawei Cloud Computing Technologies Co., Ltd.	04/02/2021	4092984	21761823.0	
4093318	INSTITUT STRAUMANN AG	25/01/2021	4093318	21701983.5	
4093371	Shiseido Company, Ltd.	21/01/2021	4093371	21701857.1	
4093396	Bausch Health Ireland Limited	22/01/2021	4093396	21702886.9	
4094273	Universite d'Aix-Marseille (AMU) Institut National de la Santé et de la Recherche Médicale	22/01/2021	4094273	21701957.9	
4094295	KABUSHIKI KAISHA TOSHIBA Toshiba Energy Systems & Solutions Corporation	15/09/2021	4094295	21787073.2	
4094415	ZTE Corporation	21/01/2020	4094415	20887844.7	
4095412	MTU Aero Engines AG	13/05/2022	4095412	22173172.2	German
4095831	NTT, Inc.	20/01/2020	4095831	20915961.5	
4095981	SANYO Electric Co., Ltd.	15/09/2020	4095981	20916061.3	
4096463	Fast IP, LLC	28/01/2021	4096463	21747465.9	
4096548	Enamel Pure, Inc.	28/01/2021	4096548	21747687.8	
4097268	SAFRAN AIRCRAFT ENGINES	29/01/2021	4097268	21706646.3	French
4097651	Psiquantum Corp.	29/01/2021	4097651	21747605.0	
4097840	Sew-Eurodrive GmbH & Co. KG	11/12/2020	4097840	20829534.5	German
4098650	Kumiai Chemical Industry Co., Ltd.	29/01/2021	4098650	21748308.0	
4099269	GE Precision Healthcare LLC	23/05/2022	4099269	22174752.0	
4099303	Rockwell Collins, Inc.	03/06/2022	4099303	22177246.0	
4099324	Nomono AS	04/06/2021	4099324	21177856.8	
4099681	Canon Kabushiki Kaisha	24/05/2022	4099681	22175064.9	
4099728	VOLVO TRUCK CORPORATION	04/06/2021	4099728	21177693.5	
4099902	WIZP AS	05/02/2021	4099902	21704221.7	French
4099959	New York Society for the Relief of the Ruptured and Crippled, Maintaining the Hospital for Special Surgery	05/02/2021	4099959	21750257.4	
4100270	Zeroshift Transmissions Limited	06/02/2020	4100270	20705487.5	
4100634	Caterpillar Inc.	01/02/2021	4100634	21708806.1	
4100701	The Timken Company	06/10/2020	4100701	20797002.1	
4101485	Eli Lilly and Company	14/08/2018	4101485	22188605.4	
4102169	Gree Electric Appliances, Inc. of Zhuhai	05/03/2021	4102169	21827997.4	
4102522	Adamovych, Bilyi Leonid	21/07/2021	4102522	21884125.2	
4102688	Meidensha Corporation	09/03/2021	4102688	21771842.8	
4103016	Bortoluzzi Sistemi S.p.A.	10/02/2021	4103016	21710051.0	
4103124	Essity Hygiene and Health Aktiebolag	10/02/2021	4103124	21705135.8	
4103269	Cardiac Pacemakers, Inc.	11/02/2021	4103269	21710699.6	
4103388	Sacmi Imola S.C.	02/02/2021	4103388	21702501.4	
4103511	GREEN SOL-GEL LTD	12/02/2020	4103511	20707769.4	
4103512	Topsoe A/S	12/02/2021	4103512	21705490.7	
4104370	QUALCOMM INCORPORATED	25/01/2021	4104370	21707074.7	
4104780	Wright Medical Technology, Inc.	19/05/2022	4104780	22174220.8	

4105285	Seiko Epson Corporation	05/07/2012	4105285	22182463.4	
4105349	Senju Metal Industry Co., Ltd.	08/02/2021	4105349	21754525.0	
4105378	SEB S.A.	09/06/2022	4105378	22178188.3	French
4105425	dormakaba Deutschland GmbH	18/06/2021	4105425	21180267.3	German
4105684	Apple Inc.	26/04/2022	4105684	22169910.1	
4105995	LG Electronics Inc.	13/02/2020	4105995	20918451.4	
4106456	Vivo Mobile Communication Co., Ltd.	10/02/2021	4106456	21753961.8	
4106823	The Procter & Gamble Company	18/02/2020	4106823	20919768.0	
4106936	Realizer GmbH	11/02/2021	4106936	21705167.1	German
4107047	Hidromek-Hidrolik Ve Mekanik Makina Imalat Sanayi Ve Ticaret Anonim Sirketi	21/12/2021	4107047	21887879.1	
4107376	TVS Motor Company Limited	28/10/2020	4107376	20815957.4	
4107712	Telefonaktiebolaget LM ERICSSON (PUBL)	21/02/2020	4107712	20706259.7	
4108662	Hodogaya Chemical Co., Ltd.	17/02/2021	4108662	21756547.2	
4108818	Valmet Technologies, Inc.	31/05/2022	4108818	22176273.5	
4109579	LG Energy Solution, Ltd.	17/09/2021	4109579	21889378.2	
4110500	Caterpillar Inc.	27/01/2021	4110500	21706778.4	
4110969	Versum Materials US, LLC	29/03/2021	4110969	21781234.6	
4110986	Sixring Inc.	26/02/2021	4110986	21760644.1	
4111096	Stasiak, Michal	10/12/2020	4111096	20845244.1	
4111151	NOVARES France Nanomade Lab	24/02/2021	4111151	21710555.0	French
4111265	Fort Robotics, Inc.	23/02/2021	4111265	21759933.1	
4111310	Huawei Technologies Co., Ltd. Avignon Université	06/10/2020	4111310	20828551.0	
4111433	NEC Laboratories Europe GmbH	27/04/2020	4111433	20724753.7	
4112020	Smith & Nephew plc	31/07/2013	4112020	22167828.7	
4112186	Panasonic Intellectual Property Management Co., Ltd.	25/12/2020	4112186	20921859.3	
4112568	Societa' Italiana Acetilene & Derivati S.I.A.D. S.p.A. in breve S.I.A.D. S.p.A.	28/06/2022	4112568	22181640.8	
4112876	Resman AS	31/10/2011	4112876	22185803.8	
4113169	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	23/03/2020	4113169	20928008.0	
4113181	OpenLight Photonics, Inc.	05/08/2021	4113181	21189876.2	
4113663	Panasonic Intellectual Property Management Co., Ltd.	10/02/2021	4113663	21760449.5	
4113699	LG Energy Solution, Ltd.	15/10/2021	4113699	21880619.8	
4113907	Qingdao Haier Washing Machine Co., Ltd. Haier Smart Home Co., Ltd.	02/02/2021	4113907	21759844.0	
4113933	Huawei Cloud Computing Technologies Co., Ltd.	30/01/2021	4113933	21768364.8	
4114136	Arlo Technologies, Inc.	29/06/2022	4114136	22182028.5	
4114142	NKT HV Cables AB	28/06/2021	4114142	21182074.1	
4115084	Edwards Limited	04/03/2021	4115084	21711326.5	
4115921	Instrumentation Laboratory Company	01/07/2022	4115921	22182471.7	
4116883	Robert Bosch GmbH	08/07/2022	4116883	22183897.2	
4117530	Elekta Limited	11/03/2021	4117530	21711855.3	
4117752	Greiner Bio-One GmbH	04/03/2021	4117752	21718486.0	German
4118373	IBCO Pty. Ltd.	12/03/2021	4118373	21766891.2	
4118783	QUALCOMM INCORPORATED	09/03/2021	4118783	21715462.4	
4118859	Google LLC	15/12/2021	4118859	21840373.1	
4119044	Asahi Intecc Co., Ltd.	13/03/2020	4119044	20923977.1	
4119323	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. Technische Universität Dresden	14/05/2018	4119323	22192127.3	German
4119365	MAN Truck & Bus SE	04/02/2016	4119365	22186860.7	German
4119889	Snap-on Equipment Srl a unico socio	15/07/2022	4119889	22185304.7	
4119890	Snap-on Equipment Srl a unico socio	15/07/2022	4119890	22185314.6	
4119937	Hitachi High-Tech Corporation	02/02/2021	4119937	21767411.8	
4120579	Nokia Solutions and Networks Oy	07/07/2022	4120579	22183634.9	

4120771	Telefonaktiebolaget LM Ericsson (publ)	30/10/2019	4120771	22180129.3	German
4122695	Airbus Operations GmbH	19/07/2021	4122695	21186508.4	
4122834	Yakult Honsha Co., Ltd.	11/03/2021	4122834	21771846.9	
	Shikoku Kakoki Co., Ltd.				
4122846	Beijing Jingdong Qianshi Technology Co., Ltd.	16/04/2021	4122846	21796377.6	French
4123889	Beijing Goldwind Science & Creation Windpower Equipment Co. Ltd.	10/09/2020	4123889	20940039.9	
4124067	Shenzhen Shokz Co., Ltd.	30/04/2020	4124067	20933329.3	
4124084	Vivo Mobile Communication Co., Ltd.	19/03/2021	4124084	21770556.5	
4124422	Braun GmbH	29/07/2021	4124422	21188505.8	German
4124571	B/E Aerospace, Inc.	26/07/2022	4124571	22187016.5	
4124591	Van Remundt Beheer B.V.	28/07/2022	4124591	22187575.0	
4124990	Imprimerie Nationale	13/07/2022	4124990	22184618.1	
4125018	Mastercard International Incorporated	11/10/2017	4125018	22192369.1	French
4126449	Illinois Tool Works, Inc.	23/03/2021	4126449	21720065.8	
4126666	United Parcel Service Of America, Inc.	31/03/2021	4126666	21720904.8	
4127322	Voith Patent GmbH	23/03/2021	4127322	21715783.3	
4127383	Vallourec Tube-Alloy, LLC	31/03/2021	4127383	21781360.9	German
4127664	Commissariat à l'Energie Atomique et aux Energies Alternatives	01/04/2021	4127664	21716395.5	
4128248	Genentech, Inc.	23/03/2021	4128248	21718757.4	French
4128604	Telefonaktiebolaget LM Ericsson (publ)	01/04/2021	4128604	21718208.8	
4130187	Nitto Denko Corporation	26/07/2022	4130187	22187034.8	
4130660	Sumitomo Precision Products Co., Ltd.	16/07/2020	4130660	20927514.8	
4130666	Nokia Technologies Oy	22/09/2015	4130666	22183033.4	German
4130733	Sekisui Medical Co., Ltd.	26/03/2021	4130733	21776988.4	
4131353	Wuhan China Star Optoelectronics Semiconductor Display Technology Co., Ltd.	09/04/2020	4131353	20757818.8	
4131785	Huawei Technologies Co., Ltd.	13/04/2021	4131785	21791667.5	French
4132608	SHL Medical AG	16/03/2021	4132608	21711004.8	
4132737	The M.K. Morse Company	08/04/2021	4132737	21721361.0	
4133850	Lenovo (Singapore) Pte. Ltd.	08/04/2021	4133850	21719270.7	
4133989	Zhuhai Vision Medical Technology Co., Ltd	16/03/2021	4133989	21788562.3	German
4134050	Sintokogio, Ltd.	08/08/2022	4134050	22189227.6	
4134091	ANGIOLAB, INC.	07/04/2021	4134091	21785025.4	
	Kim, Min Young				
4134398	Mitsubishi Chemical Corporation	05/04/2021	4134398	21785556.8	French
4135806	ResMed Pty Ltd	16/04/2021	4135806	21788971.6	
4136238	The University of Hong Kong	14/04/2021	4136238	21788960.9	
4136662	Parker-Hannifin Corporation	22/03/2021	4136662	21718407.6	
4137258	SUMITOMO ELECTRIC INDUSTRIES, LTD.	13/04/2020	4137258	20931242.0	German
4137287	Mitsubishi Heavy Industries, Ltd.	13/07/2022	4137287	22184673.6	
4137290	KAWASAKI JUKOGYO KABUSHIKI KAISHA	13/04/2021	4137290	21788852.8	
4137324	Hand Held Products, Inc.	21/07/2022	4137324	22186241.0	French
4137384	VOLKSWAGEN AG	10/06/2022	4137384	22178380.6	
4137818	Sony Group Corporation	08/03/2019	4137818	22186439.0	
4138028	Intel Corporation	11/07/2022	4138028	22184047.3	
4138704	Medtronic Navigation, Inc.	21/04/2021	4138704	21724909.3	German
4139064	SOPREMA	01/04/2021	4139064	21717020.8	
4139105	SOPREMA	01/04/2021	4139105	21718056.1	
4140148	Sonos, Inc.	19/04/2021	4140148	21723613.2	
4140782	Bridgestone Europe NV/SA	27/08/2021	4140782	21193660.4	French
4140855	Ford Global Technologies, LLC	04/08/2022	4140855	22188727.6	
4141903	BYD Company Limited	28/04/2021	4141903	21822143.0	
4142203	Rigol Technologies Co., Ltd.	15/04/2021	4142203	21793541.0	
4142335	China Telecom Corporation Limited	29/04/2021	4142335	21813537.4	German
4142443	OVH	30/08/2021	4142443	21306176.5	

4142459	Commissariat à l'Energie Atomique et aux Energies Alternatives Université Grenoble Alpes	29/08/2022	4142459	22192707.2	French
4142485	Smartfreez, Lda	28/04/2021	4142485	21729631.8	
4142634	Medtronic Navigation, Inc.	27/04/2021	4142634	21730323.9	
4142767	Auro Pharmaceuticals, Inc.	20/05/2021	4142767	21809141.1	
4142887	Politecnico di Milano	28/04/2021	4142887	21727547.8	
4143079	Bassoe Technology AB	29/04/2021	4143079	21723677.7	
4143151	Symrise AG	27/04/2020	4143151	20722298.5	
4143473	Blücher Metal A/S	27/04/2021	4143473	21796987.2	
4143476	Entegris, Inc.	29/04/2021	4143476	21795436.1	
4143577	Lonza Houston Inc.	10/05/2021	4143577	21733006.7	
4143611	Google LLC	07/04/2021	4143611	21722655.4	
4143745	GDM Holding LLC	27/07/2021	4143745	21751551.9	
4143781	Carl Zeiss Meditec, Inc. Carl Zeiss Meditec AG	28/04/2021	4143781	21722442.7	
4143854	Westinghouse Electric Company Llc	03/05/2021	4143854	21746200.1	
4143980	Telefonaktiebolaget LM ERICSSON (PUBL)	30/04/2020	4143980	20723832.0	
4144115	Samsung Electronics Co., Ltd.	03/08/2021	4144115	21854405.4	
4144322	Howmedica Osteonics Corp.	07/11/2018	4144322	22197610.3	
4144627	Striemo Inc.	20/01/2021	4144627	21797040.9	
4144656	Totani Corporation	19/02/2021	4144656	21794457.8	
4144676	Mitsubishi Heavy Industries Machinery Systems, Ltd.	14/05/2021	4144676	21817178.3	
4145212	BOE Technology Group Co., Ltd.	23/03/2021	4145212	21932086.8	
4145670	Shenzhen Tritek Limited	17/02/2022	4145670	22758787.0	
4145765	Marelli Europe S.p.A.	23/08/2022	4145765	22191648.9	
4146524	HELLA GMBH & CO. KGAA	08/05/2020	4146524	20727926.6	
4146920	Cummins, Inc.	05/05/2021	4146920	21800129.5	
4147307	Jabil Inc.	05/05/2021	4147307	21800053.7	
4147363	THALES	05/05/2021	4147363	21722263.7	French
4147535	Juul Labs, Inc.	07/05/2021	4147535	21729128.5	
4147946	VOLKSWAGEN AG	26/08/2022	4147946	22192356.8	German
4148674	Trimble Inc.	09/09/2022	4148674	22194897.9	
4149370	Aesculap AG	10/05/2021	4149370	21724675.0	German
4149840	Wing Aviation LLC	01/10/2021	4149840	21904561.4	
4149856	Reckitt Benckiser Finish B.V.	17/05/2021	4149856	21727414.1	
4150209	Siemens Gamesa Renewable Energy A/S	02/07/2021	4150209	21739120.0	
4150256	Zeeco Inc.	11/05/2021	4150256	21803682.0	
4150300	Apple Inc.	14/05/2021	4150300	21730760.2	
4150369	Microsoft Technology Licensing, LLC	12/03/2021	4150369	21716033.2	
4150454	Cogility Software Corporation	12/05/2021	4150454	21804502.9	
4150964	Telefonaktiebolaget LM Ericsson (PUBL)	11/05/2020	4150964	20936012.2	
4151048	QUALCOMM INCORPORATED	11/05/2021	4151048	21730438.5	
4151049	Google LLC	14/05/2021	4151049	21730407.0	
4151441	TOYOTA JIDOSHA KABUSHIKI KAISHA	20/09/2022	4151441	22196494.3	
4151895	Funke Kunststoffe GmbH	19/09/2022	4151895	22196292.1	German
4152082	ZTE Corporation	17/05/2021	4152082	21809142.9	
4152796	Vivo Mobile Communication Co., Ltd.	08/05/2021	4152796	21804087.1	
4152856	Sharp Kabushiki Kaisha	12/05/2021	4152856	21803950.1	
4153071	Treace Medical Concepts, Inc.	19/05/2021	4153071	21808319.4	
4153276	Biolineq Incorporated	06/05/2022	4153276	22808101.4	
4153460	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	29/04/2021	4153460	21723678.5	German
4153848	Scania CV AB	06/05/2021	4153848	21808669.2	
4153851	Safran Aerosystems	17/05/2021	4153851	21732462.3	French
4154461	QUALCOMM INCORPORATED	20/05/2021	4154461	21734986.9	
4154942	Siemens Healthineers International AG Varian Medical Systems, Inc.	19/07/2018	4154942	22207636.6	
4155573	Rotor Clip Company, Inc.	12/09/2022	4155573	22195118.9	

4155580	WITTENSTEIN SE	20/09/2022	4155580	22196575.9	German
4155796	National Taiwan University	31/05/2022	4155796	22176445.9	
4155815	Phoenix Electric Co., Ltd.	13/05/2021	4155815	21808268.3	
4156425	Deere & Company	22/08/2022	4156425	22191465.8	German
4156532	Google LLC	29/06/2020	4156532	22207234.0	
4156785	Sharp Kabushiki Kaisha	13/05/2021	4156785	21807702.2	
4157175	Mölnlycke Health Care AB	24/05/2021	4157175	21727167.5	
4157683	Robert Bosch GmbH	25/05/2021	4157683	21729448.7	German
4157977	Dow Global Technologies LLC	26/05/2021	4157977	21735469.5	
4158147	DE Handworkers GmbH	25/05/2021	4158147	21729441.2	German
4159424	ContiTech Deutschland GmbH	12/09/2022	4159424	22195030.6	German
4159530	DAF Trucks N.V.	29/09/2022	4159530	22198838.9	
4159572	Waymo LLC	28/09/2022	4159572	22198254.9	
4159779	Nippon Shokubai Co., Ltd.	02/06/2020	4159779	20939467.5	
4159828	Canon Kabushiki Kaisha	07/04/2021	4159828	22204029.7	
4160062	Somic Management Holdings Inc.	22/04/2021	4160062	21817390.4	
4160554	Bridgestone Mobility Solutions B.V.	04/10/2021	4160554	21200825.4	
4160568	Kawasaki Motors, Ltd.	28/05/2020	4160568	20937786.0	
4161003	Juniper Networks, Inc.	29/09/2022	4161003	22198857.9	
4161108	Vivo Mobile Communication Co., Ltd.	01/06/2021	4161108	21818841.5	
4161324	WEADD, LDA	17/12/2020	4161324	20829385.2	
4161396	Inari Medical, Inc.	04/06/2021	4161396	21818772.2	
4161414	Stepone Fertility Limited	03/06/2021	4161414	21729797.7	
4162113	Canadian Powerplus Corporation	07/06/2021	4162113	21821690.1	
4162632	QUALCOMM INCORPORATED	04/06/2021	4162632	21736440.5	
4162701	PSS Belgium NV	02/06/2021	4162701	21730872.5	
4162725	QUALCOMM Incorporated	25/05/2021	4162725	21732775.8	
4162919	Otsuka Clinical Solutions, Inc.	04/06/2021	4162919	21817420.9	
	Pax Co., Ltd.				
	Otsuka Pharmaceutical Factory, Inc.				
4163434	SEB S.A.	28/09/2022	4163434	22198540.1	French
4163473	Sandvik Mining and Construction Oy	07/10/2021	4163473	21201434.4	
4163538	Self Electronics Co., Ltd.	11/10/2022	4163538	22200731.2	
	SELF ELECTRONICS Germany GmbH				
	Lin, Wanjiong				
4163556	Vaillant GmbH	05/10/2022	4163556	22199716.6	German
4163651	Airbus SAS	08/10/2021	4163651	21290064.1	
4163696	Jiaxing Uphoton Optoelectronics Technology Co., Ltd.	08/06/2021	4163696	21821895.6	
4163708	Schneider GmbH & Co. KG	15/09/2022	4163708	22195806.9	German
4164104	Infineon Technologies Austria AG	05/10/2022	4164104	22199696.0	
4164109	MITSUBISHI ELECTRIC CORPORATION	08/06/2020	4164109	20940261.9	
4164145	NTT, Inc.	05/06/2020	4164145	20938581.4	
4164283	Huawei Technologies Co., Ltd.	05/10/2022	4164283	22199710.9	
4164307	Vivo Mobile Communication Co., Ltd.	01/06/2021	4164307	21818914.0	
4164731	Becton, Dickinson and Company	26/05/2021	4164731	21733323.6	
4165475	Dayton Technologies Limited	18/01/2021	4165475	21821743.8	
4165545	ACEP TRYLIVE	08/06/2021	4165545	21730239.7	French
4165823	nChain Licensing AG	26/07/2021	4165823	21749183.6	
4165856	Snap Inc.	14/06/2021	4165856	21826530.4	
4166057	Miele & Cie. KG	04/10/2022	4166057	22199464.3	German
4166177	ResMed Pty Ltd	17/12/2014	4166177	22206874.4	
4166423	JTEKT CORPORATION	13/10/2022	4166423	22201331.0	
	TOYOTA JIDOSHA KABUSHIKI KAISHA				
	DENSO CORPORATION				
4166718	Ye, Kong Meng	11/10/2022	4166718	22200944.1	
4166847	Collins Engine Nozzles Inc.	10/10/2022	4166847	22200555.5	
4167055	Hyundai Mobis Co., Ltd.	07/10/2022	4167055	22200210.7	
4167228	Audio Mobil Elektronik GmbH	18/10/2021	4167228	21203247.8	German

4167617	Datang Mobile Communications Equipment Co., Ltd.	08/05/2021	4167617	21821932.7	
4167707	Universal Display Corporation	07/07/2015	4167707	22211457.1	
4167894	Mazor Robotics Ltd.	24/05/2021	4167894	21826994.2	
4167905	Pipeline Medical Technologies, Inc.	02/06/2021	4167905	21826361.4	
4169484	Freudenberg Medical, LLC	18/10/2022	4169484	22202067.9	
4170126	Son, Jung Rak	17/07/2020	4170126	20941554.6	
4170390	Xi'an Institute Of Space Radio Technology	05/02/2021	4170390	21826237.6	
4170603	Alyce	21/10/2022	4170603	22203071.0	French
4170833	Hamilton Sundstrand Corporation	18/10/2022	4170833	22202327.7	
4170856	Beijing Xiaomi Mobile Software Co., Ltd.	30/03/2022	4170856	22165561.6	
4171061	Samsung Electronics Co., Ltd.	20/07/2021	4171061	21845907.1	
4171505	Unilever Global IP Limited	22/06/2021	4171505	21732350.0	
4171765	Karsten Manufacturing Corporation	29/06/2021	4171765	21830910.2	
4171855	The Regents Of The University Of Michigan	29/06/2021	4171855	21832336.8	
4172418	The Procter & Gamble Company				
4172418	Caterpillar Inc.	09/06/2021	4172418	21737318.2	
4172689	Essilor International	23/06/2021	4172689	21735683.1	
4172699	UNIVERSITE JEAN MONNET SAINT ETIENNE	23/06/2021	4172699	21740161.1	French
	BIOMERIEUX				
	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)				
4173567	STMicroelectronics S.r.l.	27/10/2022	4173567	22204227.7	
4173932	Kögel Trailer GmbH	20/10/2022	4173932	22202713.8	German
4174112	Dct Material LLC	22/06/2021	4174112	21830291.7	
	Kolon Industries, Inc.				
4174115	Thüringisches Institut für Textil- und Kunststoff-Forschung e.V.	26/10/2022	4174115	22203915.8	German
4174417	CHONGQING HAIER REFRIGERATION ELECTRIC APPLIANCE CO., LTD.	18/06/2021	4174417	21832344.2	
	Qingdao Haier Refrigerator Co., Ltd				
	Haier Smart Home Co., Ltd.				
4174551	Canon Kabushiki Kaisha	18/10/2022	4174551	22202312.9	
4174658	Juniper Networks, Inc.	14/01/2022	4174658	22151603.2	
4174726	Sony Group Corporation	08/09/2022	4174726	22194714.6	
4174759	AUMOVIO Autonomous Mobility Germany GmbH	17/10/2022	4174759	22201878.0	
4175067	Samsung Electronics Co., Ltd.	13/08/2021	4175067	21856289.0	
4175180	NXP B.V.	17/10/2022	4175180	22202005.9	
4175282	FUJIFILM Corporation	24/05/2021	4175282	21827861.2	
4175368	Shanghai WUQI Microelectronics Co., Ltd.	17/12/2021	4175368	21215497.5	
4175403	Sharp Kabushiki Kaisha	29/06/2021	4175403	21832578.5	
4175731	Caterpillar Inc.	22/06/2021	4175731	21742970.3	
4176152	Balco Group AB	02/07/2021	4176152	21837432.0	
4176367	nChain Licensing AG	16/08/2021	4176367	21759306.0	
4177137	Ford Global Technologies, LLC	13/10/2022	4177137	22201418.5	German
4177257	Kissei Pharmaceutical Co., Ltd.	05/07/2021	4177257	21837478.3	
4177837	DAIHEN Corporation	26/08/2022	4177837	22192373.3	
4177845	Shining 3D Tech Co., Ltd.	06/07/2021	4177845	21837176.3	
4178226	Vivo Mobile Communication Co., Ltd.	29/07/2021	4178226	21849728.7	
4178643	Insulet Corporation	06/07/2021	4178643	21837364.5	
4179503	X-Rite Europe GmbH	07/07/2021	4179503	21737805.8	
4179785	QUALCOMM INCORPORATED	10/07/2021	4179785	21751693.9	
4179957	Carl Zeiss Vision International GmbH	23/06/2021	4179957	22206467.7	
4180501	CANON KABUSHIKI KAISHA	17/10/2019	4180501	22211342.5	
4181292	LG Energy Solution, Ltd.	06/01/2022	4181292	22736865.1	
4181398	Samsung Electronics Co., Ltd.	14/11/2022	4181398	22207348.8	
4181406	Samsung Electronics Co., Ltd.	03/08/2021	4181406	21852865.1	
4183196	Sharp Kabushiki Kaisha	09/07/2021	4183196	21841373.0	
4183276	KT&G Corporation	21/04/2022	4183276	22820399.8	

4183436	ResMed Pty Ltd	17/12/2014	4183436	22214398.4	
4183900	Panasonic Intellectual Property Management Co., Ltd.	16/06/2021	4183900	21841344.1	
4183908	Graf + Cie AG	25/03/2022	4183908	22164473.5	German
4185043	Vivo Mobile Communication Co., Ltd.	15/07/2021	4185043	21842180.8	
4186066	Cilag GmbH International	20/07/2022	4186066	22751831.3	
4187279	Hyundai Mobis Co., Ltd.	25/03/2022	4187279	22164310.9	
4187637	LG Energy Solution, Ltd.	04/03/2022	4187637	22767407.4	
4187849	Cujo LLC	11/10/2022	4187849	22200719.7	
4188300	The Procter & Gamble Company	31/07/2020	4188300	20946961.8	French
4188684	SAINT-GOBAIN ISOVER	27/07/2021	4188684	21758404.4	
4189408	Medtronic MiniMed, Inc.	26/07/2021	4189408	21755299.1	
4189596	Chevron U.S.A. Inc.	30/07/2021	4189596	21758270.9	
	The Texas A&M University System				
4189913	Taal Dit GmbH	09/03/2021	4189913	21712051.8	
4190191	Shenzhen Merit Technology Co., Ltd.	27/05/2021	4190191	21873893.8	
4190201	CASIO COMPUTER CO., LTD.	21/10/2022	4190201	22203008.2	
4191474	FriendliAI Corp.	15/07/2022	4191474	22185149.6	
4192593	Riot Games Inc.	09/09/2021	4192593	21867558.5	
4192711	Valeo Schalter und Sensoren GmbH	28/07/2021	4192711	21749839.3	
4193388	Apple Inc.	07/07/2021	4193388	21758196.6	
4193479	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	04/08/2021	4193479	21755464.1	
4193578	Lenovo (Singapore) Pte. Ltd.	09/08/2021	4193578	21765992.9	
4193625	Cisco Technology, Inc.	22/07/2021	4193625	21758213.9	
4193748	QUALCOMM INCORPORATED	04/08/2021	4193748	21762315.6	
4195457	GE Energy Power Conversion Technology Ltd	10/12/2021	4195457	21306750.7	
4196774	G.D S.p.A.	30/07/2021	4196774	21759146.0	
4196895	Cisco Technology, Inc.	23/07/2021	4196895	21758216.2	
4196945	Capital One Services, LLC	09/08/2021	4196945	21762927.8	
4196963	3M Innovative Properties Company	28/07/2021	4196963	21855694.2	
4198765	SAP SE	02/09/2022	4198765	22193575.2	
4198969	Google LLC	02/06/2017	4198969	22208865.0	
4199383	Contentsrights LLC	02/08/2021	4199383	21855893.0	
4199499	Honor Device Co., Ltd.	10/05/2022	4199499	22823958.8	
4199544	Samsung Electronics Co., Ltd.	30/03/2015	4199544	23155460.1	
4199691	Amazonen-Werke H. Dreyer SE & Co. KG	10/08/2021	4199691	21754992.2	German
4199697	Husqvarna AB	17/08/2021	4199697	21858704.6	
4200205	Hill Group Technologies Limited	23/08/2021	4200205	21777821.6	
4200649	GE Precision Healthcare LLC	18/08/2020	4200649	20757901.2	
4200682	ABB SCHWEIZ AG	21/08/2020	4200682	20761218.5	
4200825	Ubicquia IQ LLC	21/08/2021	4200825	21859256.6	
4200862	NEC Corporation	18/06/2021	4200862	21735891.0	
4201681	KONICA MINOLTA, INC.	12/11/2020	4201681	20961586.3	
4202178	Sandvik Mining and Construction Oy	23/12/2021	4202178	21217318.1	
4202604	Intel Corporation	22/11/2022	4202604	22208942.7	
4203586	Huawei Technologies Co., Ltd.	01/04/2019	4203586	23152826.6	
4204178	TRUMPF Laser SE	04/08/2021	4204178	21755453.4	German
4204394	Abrexa Pharmaceuticals, Inc.	23/08/2021	4204394	21862509.3	
	The Penn State Research Foundation				
4204733	ZKW Group GmbH	09/08/2021	4204733	21755969.9	German
4205004	Virsec Systems, Inc.	27/08/2021	4205004	21777902.4	
4205530	GTS Do Brasil Ltda.	11/08/2021	4205530	21859432.3	
4205741	Suzhou Lingxi Biotechnology Co., Ltd.	29/10/2021	4205741	21863757.7	
4205894	Illinois Tool Works Inc.	31/10/2018	4205894	23156919.5	
4205936	VERTECH ENGINEERING & TECHNOLOGY S.R.L.	29/12/2021	4205936	21218060.8	
4206006	Yanshan University	07/04/2022	4206006	22827123.5	
4206420	Nordex Energy Spain, S.A.U.	29/12/2021	4206420	21383234.8	
4206871	Apple Inc.	11/09/2019	4206871	23156861.9	
4206907	THALES	28/12/2022	4206907	22216856.9	French

4207096	FUJITSU LIMITED	19/09/2022	4207096	22196321.8	
4207459	Contemporary Ampere Technology (Hong Kong) Limited	29/09/2021	4207459	21957719.4	
4207826	ZTE Corporation	12/08/2021	4207826	21860167.2	
4207954	Japan Aviation Electronics Industry, Limited	28/10/2022	4207954	22204403.4	
4208106	Warsaw Orthopedic, Inc.	31/08/2021	4208106	21801259.9	
4208435	Johnson Matthey Davy Technologies Limited	03/09/2021	4208435	21769795.2	
4209009	Telefonaktiebolaget LM ERICSSON (PUBL)	04/09/2020	4209009	20767796.4	
4209022	Apple Inc.	15/10/2020	4209022	20957106.6	
4209198	Medtronic, Inc.	16/04/2021	4209198	22214670.6	
4209755	Huawei Technologies Co. Ltd.	09/06/2021	4209755	21870863.4	
4209821	FUJIFILM Corporation	08/03/2021	4209821	21863868.2	
4209826	Rockwell Collins, Inc.	02/01/2023	4209826	23150052.1	
4210019	TOYOTA JIDOSHA KABUSHIKI KAISHA	22/11/2022	4210019	22208760.3	
4210076	Hitachi Energy Ltd	05/01/2022	4210076	22382002.8	
4210378	Huawei Technologies Co. Ltd.	23/10/2020	4210378	20958357.4	
4210776	Alcon Inc.	05/08/2021	4210776	21755583.8	
4211207	Ecolab USA, Inc.	10/09/2021	4211207	21787157.3	
4211340	AUDI Aktiengesellschaft	21/07/2021	4211340	21748603.4	German
4211756	HARTING Electric Stiftung & Co. KG	01/09/2021	4211756	21778348.9	German
4211801	Microsoft Technology Licensing, LLC	01/06/2021	4211801	21735504.9	
4211950	Lenovo (Singapore) Pte. Ltd.	10/09/2021	4211950	21773156.1	
4212299	CANON KABUSHIKI KAISHA	26/10/2018	4212299	23150658.5	
4212663	Miele & Cie. KG	04/01/2023	4212663	23150317.8	German
4212862	Honeywell International Inc.	27/12/2019	4212862	23156168.9	
4212885	Aclara Technologies LLC	31/03/2015	4212885	23158868.2	
4213042	CrowdStrike, Inc.	07/10/2022	4213042	22200201.6	
4213134	NTT, Inc.	16/10/2020	4213134	20957721.2	
4213352	DewertOkin Technology Group Co., Ltd.	07/01/2021	4213352	21908241.9	
4213764	Carl Zeiss Meditec AG	21/09/2020	4213764	20781738.8	
4214031	ALPLA Werke Alwin Lehner GmbH & Co. KG	20/09/2021	4214031	21778468.5	German
4214408	SAFRAN	09/09/2021	4214408	21783329.2	French
4214438	Google LLC	02/08/2021	4214438	21758273.3	
4215150	Medit Corp.	17/08/2021	4215150	21869552.6	
4215624	Daan Gene Co., Ltd.	10/11/2020	4215624	20953917.0	
4216122	Tarifflex AB	23/03/2012	4216122	22201838.4	
4216645	LG Electronics Inc.	03/04/2017	4216645	23159138.9	
4217710	MIRO Analytical AG	21/09/2021	4217710	21778479.2	
4217757	QUALCOMM INCORPORATED	16/09/2021	4217757	21798179.4	
4218403	DENSO CORPORATION	25/08/2021	4218403	21872066.2	
4218500	Tenmind Co., Ltd.	07/10/2021	4218500	21878011.2	
4218880	Mallinckrodt Pharmaceuticals Ireland Limited	15/03/2017	4218880	23159035.7	
4219269	AgJunction LLC	24/01/2018	4219269	22215935.2	
4219283	Kongsberg Maritime AS	18/01/2019	4219283	23162247.3	
4219648	The Chemours Company FC, LLC	03/03/2020	4219648	23164598.7	
4219837	Mitsubishi Heavy Industries, Ltd.	18/01/2023	4219837	23152147.7	
4219950	YAMABIKO CORPORATION	10/01/2023	4219950	23150844.1	
4220058	Beijing Jingkelun Engineering Design and Research Institute Co., Ltd.	14/09/2021	4220058	21871325.3	
4220142	Anritsu Corporation	13/09/2021	4220142	21872240.3	
4220555	Tencent Technology (Shenzhen) Company Limited	18/10/2021	4220555	21905262.8	
4220828	BYD Company Limited	19/07/2021	4220828	21870984.8	
4220870	Huawei Technologies Co. Ltd.	09/10/2021	4220870	21879299.2	
4221335	Samsung Electronics Co., Ltd.	09/08/2018	4221335	23165462.5	
4221392	Huawei Technologies Co. Ltd.	23/10/2020	4221392	20958290.7	

4221400	SHARP Kabushiki Kaisha	09/03/2022	4221400	22161062.9	
4221651	Miocolibri Srls	28/09/2021	4221651	21794000.6	
4221659	The Procter & Gamble Company	30/09/2021	4221659	21801306.8	
4222399	Saipem S.p.A.	01/10/2021	4222399	21794638.3	
4222416	Lumus Ltd.	01/10/2021	4222416	21874741.8	
4222926	Marvell Asia Pte, Ltd.	30/09/2021	4222926	21806062.2	
4223913	NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION KOWA COMPANY, LTD.	30/09/2021	4223913	21875776.3	
4224032	Eagle Industry Co., Ltd.	24/09/2021	4224032	21875395.2	
4224075	CHONGQING MIDEA AIR- CONDITIONING EQUIPMENT CO., LTD. GD Midea Air-Conditioning Equipment Co., Ltd.	24/09/2021	4224075	21890820.0	
4224180	STMicroelectronics S.r.l.	03/01/2023	4224180	23150200.6	
4224406	Sony Interactive Entertainment Inc.	17/01/2023	4224406	23152055.2	
4224746	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	29/10/2020	4224746	20959148.6	
4224830	Huawei Technologies Co. Ltd.	21/10/2021	4224830	21888409.6	
4225551	Woamy OY	04/10/2021	4225551	21794895.9	
4225578	Lohmann GmbH & Co. KG	07/10/2020	4225578	20792320.2	German
4226446	FutureE GmbH	17/08/2022	4226446	22758556.9	German
4226558	QUALCOMM INCORPORATED	06/10/2021	4226558	21802086.5	
4226822	Fujian Xihe Sanitary Ware Technology Co., Ltd.	25/05/2022	4226822	22175350.2	
4227460	Assems Inc.	26/08/2021	4227460	21877841.3	
4227513	RTX Corporation	13/02/2023	4227513	23156406.3	
4227608	Gree Electric Appliances, Inc. of Zhuhai	29/09/2021	4227608	21879256.2	
4227820	Deutsche Telekom AG	10/02/2022	4227820	22156109.5	
4228469	U-POWER GROUP S.P.A.	06/10/2021	4228469	21783361.5	
4228746	IP - Smart Ltd	15/10/2021	4228746	21807203.1	
4228870	Eima S.r.l.	13/10/2021	4228870	21802804.1	
4228937	Nelms, Charan	18/10/2021	4228937	21798965.6	
4229357	THALES	08/10/2021	4229357	21789753.7	French
4229790	QUALCOMM INCORPORATED	25/08/2021	4229790	21782844.1	
4230039	Biobab R&D, S.L.	17/02/2022	4230039	22382129.9	
4230113	MiMi Holding B.V.	16/02/2022	4230113	22156963.5	
4230417	Kyocera Corporation	24/11/2021	4230417	21897981.3	
4230960	Aptiv Technologies AG	25/01/2023	4230960	23153244.1	
4231146	VMware LLC	10/12/2017	4231146	23179615.2	
4231664	LG Display Co., Ltd.	21/12/2022	4231664	22215628.3	
4231955	Chengdu Borms Medical Robotics Inc.	22/10/2021	4231955	21806962.3	
4232212	medmix Switzerland AG	18/01/2022	4232212	22700662.4	
4232250	Covi, Emanuela	19/10/2021	4232250	21811522.8	
4232323	Nite Ize, Inc.	20/10/2021	4232323	21883801.9	
4233473	Nokia Technologies Oy	18/10/2021	4233473	21882223.7	
4234046	Fire And Rescue Innovation Finland Frif Oy	28/02/2023	4234046	23158960.7	
4234295	Huf Hilsbeck & Fürst GmbH & Co. KG	30/06/2010	4234295	23163088.0	German
4234840	Albanese, Pino	14/03/2019	4234840	23186146.9	German
4234934	Gree Electric Appliances, Inc. of Zhuhai	19/10/2021	4234934	21927558.3	
4235043	GD Midea Air-Conditioning Equipment Co., Ltd. Midea Group Co., Ltd.	30/04/2021	4235043	21912806.3	
4235202	Bayer Aktiengesellschaft	24/02/2022	4235202	22158527.6	German
4235413	Apple Inc.	26/05/2016	4235413	23170206.9	
4235725	LG Energy Solution, Ltd.	26/09/2022	4235725	22883803.3	
4235819	Sony Semiconductor Solutions Corporation	02/09/2021	4235819	21885692.0	
4235971	Outdoor Wireless Networks LLC	10/06/2021	4235971	23170569.0	
4236250	Juniper Networks, Inc.	15/02/2016	4236250	23170422.2	
4236582	Sony Group Corporation	15/06/2018	4236582	23178240.0	

4236671	AGCO International GmbH	20/10/2021	4236671	21799339.3	
4237190	Engineering Francois Abelard	26/10/2021	4237190	21794085.7	French
4237254	Canon Production Printing Holding B.V.	27/10/2021	4237254	21801506.3	
4237268	Bayerische Motoren Werke Aktiengesellschaft	08/10/2021	4237268	21790829.2	German
4237318	TVS Motor Company Limited	29/10/2021	4237318	21816184.2	
4237493	Technion Research & Development Foundation Ltd.	27/10/2021	4237493	21885524.5	
4237703	Sew-Eurodrive GmbH & Co. KG	13/10/2021	4237703	21791344.1	German
4237746	Signify Holding B.V.	19/10/2021	4237746	21794824.9	
4237907	Centre National de la Recherche Scientifique Université Paris Cité Université Paris-Saclay	20/10/2021	4237907	21794853.8	French
4238690	TRUMPF Werkzeugmaschinen SE + Co. KG WSoptics technologies GmbH	28/02/2023	4238690	23159243.7	German
4238731	The Japan Steel Works, Ltd.	27/05/2021	4238731	21885592.2	
4238743	Airbus Operations GmbH	03/03/2022	4238743	22159936.8	
4238745	SICOMIN HOLDING Ascadero Productique	08/07/2020	4238745	23180425.3	French
4238774	Seiko Epson Corporation	11/10/2021	4238774	21885878.5	
4238859	Ursus S.P.A.	28/02/2023	4238859	23158924.3	
4238867	The Boeing Company	02/03/2023	4238867	23159651.1	
4239390	Leica Instruments (Singapore) Pte Ltd	21/12/2018	4239390	23182312.1	
4239408	SHIN-ETSU CHEMICAL CO., LTD.	15/02/2023	4239408	23156921.1	
4239448	Wistron Corporation	15/11/2022	4239448	22207557.4	
4239628	Google LLC	01/07/2013	4239628	23187389.4	
4240649	Shwartz, Shaul	08/11/2021	4240649	21820684.5	
4240968	Parker-Hannifin Corporation	14/02/2022	4240968	22707561.1	
4241012	Signify Holding B.V.	26/10/2021	4241012	21799041.5	
4241233	Koninklijke Philips N.V.	26/10/2021	4241233	21801094.0	
4241638	Vorwerk & Co. Interholding GmbH	07/03/2022	4241638	22160543.9	German
4241670	BBI Medical Innovations, LLC	02/02/2018	4241670	23188775.3	
4241711	ConMed Corporation	14/04/2016	4241711	23189328.0	
4242384	Hitachi Construction Machinery Co., Ltd.	22/10/2021	4242384	21889060.6	
4242434	Purem GmbH	07/02/2023	4242434	23155242.3	German
4242464	Edwards Japan Limited	29/10/2021	4242464	21889130.7	
4242558	LG Electronics Inc.	01/10/2019	4242558	23188915.5	
4242633	The Boeing Company	04/10/2022	4242633	22199493.2	
4242707	Hanita Lenses Ltd.	12/09/2019	4242707	23180490.7	
4242737	Essilor International	17/10/2014	4242737	23178277.2	French
4243150	LG Energy Solution, Ltd.	21/10/2022	4243150	22895873.2	
4243537	Panasonic Intellectual Property Corporation of America	19/06/2017	4243537	23183765.9	
4243664	BSH Hausgeräte GmbH	27/10/2021	4243664	21801491.8	German
4244221	Hua Medicine (Shanghai) Ltd.	15/09/2022	4244221	22782445.5	
4244793	Citibank, N.A.	25/10/2021	4244793	21892557.6	
4244956	Siemens Mobility GmbH	19/01/2022	4244956	22713263.6	German
4245190	L&P Property Management Company	11/08/2017	4245190	23171907.1	
4245283	MT.DERM GmbH	16/03/2022	4245283	22162404.2	German
4245489	SCM Group S.p.A.	17/03/2023	4245489	23162512.0	
4245542	FUJIFILM Corporation	16/03/2023	4245542	23162486.7	
4245634	Bode - Die Tür GmbH	22/02/2023	4245634	23158048.1	German
4245960	Halliburton Energy Services, Inc.	11/01/2016	4245960	23177170.0	
4246160	LG Energy Solution, Ltd.	27/07/2022	4246160	22853340.2	
4246175	Magna Electronics Sweden AB	18/03/2022	4246175	22162861.3	
4246468	Mindpeak GmbH	26/08/2022	4246468	22192410.3	
4246554	STMicroelectronics S.r.l.	14/03/2023	4246554	23161718.4	
4246570	THALES	16/03/2023	4246570	23162343.0	French
4246731	Iriso Electronics Co., Ltd.	17/03/2023	4246731	23162510.4	
4246732	Iriso Electronics Co., Ltd.	17/03/2023	4246732	23162519.5	

4249279	ASSA ABLOY AB	25/06/2021	4249279	23181783.4	
4249810	LG Electronics Inc.	05/02/2016	4249810	23191575.2	
4249852	Vestellalab Inc.	08/10/2021	4249852	21894885.9	
4250160	Hitachi, Ltd.	19/08/2021	4250160	21894281.1	
4250248	J. MORITA MFG. CORP.	20/03/2023	4250248	23162931.2	
4250632	Terra Quantum AG	23/03/2022	4250632	22163917.2	
4250643	Knowbe4, Inc.	28/10/2021	4250643	23178115.4	
4251321	Saudi Arabian Oil Company	03/01/2022	4251321	22704444.3	
4251838	ERA Home Security Limited	16/11/2021	4251838	21815946.5	
4251842	Weatherford Technology Holdings, LLC	12/10/2021	4251842	21802146.7	
4251858	Siemens Energy Global GmbH & Co. KG	06/01/2021	4251858	21746836.2	
4252650	XSPLINE S.P.A.	14/02/2023	4252650	23156508.6	
4252758	Shenzhen Fangshengtai Medical Technology Co., Ltd.	20/12/2021	4252758	21909329.1	
4253963	Instrumentation Laboratory Company	30/03/2023	4253963	23165549.9	
4254009	FURUNO ELECTRIC CO., LTD.	21/10/2021	4254009	21897564.7	
4254102	HOLDING CIUCH	28/03/2023	4254102	23164561.5	French
4254355	VOLKSWAGEN AG	31/03/2022	4254355	22165870.1	German
4255075	Huawei Technologies Co. Ltd.	22/10/2021	4255075	21905306.3	
4256520	Eion Corp.	22/06/2022	4256520	22829238.9	
4257029	ArtiMed AS	17/12/2019	4257029	23191189.2	
4257347	Rohr, Inc.	30/03/2023	4257347	23165559.8	
4257391	Nemak, S.A.B. de C.V.	06/04/2022	4257391	22166955.9	German
4257467	Deberghes, Pierre	04/04/2023	4257467	23166625.6	French
4257810	Innio Jenbacher GmbH & Co OG	07/04/2022	4257810	22167158.9	
4257935	ifm electronic gmbh	04/04/2023	4257935	23166558.9	German
4258929	Duraflex Hong Kong Limited	23/09/2021	4258929	21902148.2	
4259569	Liebherr-Werk Biberach GmbH	04/02/2022	4259569	22708417.5	German
4260739	Japan Tobacco Inc.	11/12/2020	4260739	20965150.4	
4261271	KOWA COMPANY, LTD.	10/12/2021	4261271	21903493.1	
4261449	NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION				
4261449	BRIDGESTONE CORPORATION	14/10/2021	4261449	21903010.3	
4261550	STMicroelectronics International N.V.	23/03/2023	4261550	23163828.9	
4261594	JVCKENWOOD CORPORATION	22/09/2021	4261594	21906089.4	
4261816	Casio Computer Co., Ltd.	30/03/2023	4261816	23165476.5	
4262008	LG Energy Solution, Ltd.	28/10/2022	4262008	22887715.5	
4262013	Universidad Carlos III de Madrid	11/04/2022	4262013	22382348.5	
4262602	Covidien LP	14/12/2021	4262602	21840355.8	
4262603	Lumenis Ltd.	20/12/2021	4262603	21836644.1	
4262655	Solventum Intellectual Properties Company	17/12/2021	4262655	21834931.4	
4264651	SIBA Fuses GmbH	30/07/2021	4264651	21752534.4	German
4265227	Limacorporate S.p.A.	05/07/2021	4265227	23194679.9	
4265300	Novartis AG	01/10/2014	4265300	23175752.7	
4266080	Rockwell Collins, Inc.	24/04/2023	4266080	23169544.6	
4266132	Blancpain SA	30/03/2023	4266132	23165448.4	French
4267038	Alcon Inc.	21/12/2021	4267038	21839686.9	
4267078	L'OREAL	22/12/2021	4267078	21843730.9	
4267146	Intervet International B.V.	23/12/2021	4267146	21847468.2	
4267264	Karsten Manufacturing Corporation	22/12/2021	4267264	21912175.3	
4268228	Silicon Storage Technology, Inc.	17/03/2021	4268228	21718319.3	
4268557	CLAAS Selbstfahrende Erntemaschinen GmbH	09/02/2023	4268557	23155774.5	German
4268568	SIP Strojna Industrija d.d.	27/04/2022	4268568	22170370.5	German
4268662	NIKE Innovate C.V.	20/07/2020	4268662	23196206.9	
4268864	Stryker Corporation	23/09/2016	4268864	23196872.8	
4269782	Kubota Corporation	25/10/2021	4269782	21909931.4	
4269942	Rakuten Group, Inc.	02/02/2023	4269942	23154765.4	
4270296	Böhm, Gerrit	14/07/2014	4270296	23197266.2	
4270640	Honor Device Co., Ltd.	27/12/2022	4270640	22921012.5	
4270984	LG Electronics Inc.	12/08/2022	4270984	22190093.9	
4271336	Essity Hygiene and Health Aktiebolag	29/12/2020	4271336	20841950.7	

4271338	Essity Hygiene and Health Aktiebolag	29/12/2020	4271338	20841952.3	
4272590	Llopis Llinares, Jordi	21/10/2021	4272590	21914744.4	
4272628	Cortex Biophysik GmbH	03/05/2023	4272628	23020206.1	German
4272654	Koninklijke Philips N.V.	24/10/2019	4272654	23192847.4	
	Philips Image Guided Therapy Corporation				
4273026	VOLVO TRUCK CORPORATION	06/05/2022	4273026	22171961.0	
4273077	KRONES AG	28/04/2023	4273077	23170540.1	German
4273093	Catl-Sicong Novel Materials Co., Ltd	29/01/2022	4273093	22922546.1	
	Contemporary Ampere Technology Co., Limited				
4273321	China Tiesiju Civil Engineering Group Co., Ltd.	23/06/2021	4273321	21851787.8	
	Zhuzhou Xuyang Electromechanical Technology Development Co. Ltd.				
	Central South University				
4273449	Wuhu Midea Kitchen and Bath Appliances Mfg. Co., Ltd.	25/03/2022	4273449	22774353.1	
	Midea Group Co., Ltd.				
4274022	Samsung Electronics Co., Ltd.	27/01/2022	4274022	22749946.4	
4274086	Volvo Truck Corporation	06/05/2022	4274086	22172131.9	
4274986	Signify Holding B.V.	21/12/2021	4274986	21839585.3	
4275725	invoX Belgium NV	12/07/2019	4275725	23194155.0	
4275860	The Procter & Gamble Company	12/05/2022	4275860	22173038.5	
4276263	Huf Hülsbeck & Fürst GmbH & Co. KG	15/10/2019	4276263	23194190.7	German
4276449	LG Energy Solution, Ltd.	27/07/2022	4276449	22920745.1	
4276708	Robert Bosch GmbH	13/05/2022	4276708	22173333.0	
4277577	DePuy Ireland Unlimited Company	13/01/2022	4277577	22701554.2	
4277814	CTS Corporation	11/01/2022	4277814	22701827.2	
4278166	Palintest Limited	05/01/2022	4278166	22700294.6	
4278173	Proto Patents Ltd.	12/01/2022	4278173	22738865.9	
4278218	Saudi Arabian Oil Company	14/01/2022	4278218	22702132.6	
4279228	F. Hoffmann-La Roche AG	20/05/2022	4279228	22174695.1	
4279280	CANON KABUSHIKI KAISHA	04/05/2023	4279280	23171534.3	
4279742	LG Electronics Inc.	16/05/2023	4279742	23173708.1	
4279849	Li, Yongtang	08/02/2022	4279849	22755514.1	
4280430	OMRON Corporation	09/03/2021	4280430	21919453.7	
4280488	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	10/02/2021	4280488	21925224.4	
4280842	Samsung Display Co., Ltd.	16/05/2023	4280842	23173515.0	
4281129	Supra B B.V.	21/01/2022	4281129	22701277.0	
	Stichting Amsterdam UMC				
4281213	Yara International ASA	19/01/2022	4281213	22701925.4	
4281390	Gebr. Willach GmbH	20/01/2022	4281390	22701254.9	German
4282777	Pegavision Corporation	26/09/2022	4282777	22197682.2	
4282897	Inentia Arô, S.L.	19/01/2022	4282897	22742314.2	
	Consejo Superior De Investigaciones Científicas (CSIC)				
4283268	WIKI Alexander Wiegand SE & Co. KG	19/05/2023	4283268	23174235.4	German
4283424	YOKOGAWA ELECTRIC CORPORATION	16/05/2023	4283424	23173731.3	
4283609	xMEMS Labs, Inc.	23/05/2023	4283609	23174750.2	
4284633	Harburg-Freudenberger Maschinenbau GmbH	13/01/2022	4284633	22701288.7	German
4284892	Signify Holding B.V.	19/01/2022	4284892	22702190.4	
4285094	Five AI Limited	01/02/2022	4285094	22706514.1	
4285159	THALES	28/01/2022	4285159	22702271.2	French
4285577	Apple Inc.	22/03/2022	4285577	22720100.1	
4285830	GE Precision Healthcare LLC	22/05/2023	4285830	23174524.1	
4285962	Jeisys Medical Inc.	10/12/2021	4285962	21923422.6	
4286889	Furuno Electric Company Limited	31/05/2023	4286889	23176544.7	
4286933	Vivo Mobile Communication Co., Ltd.	18/03/2022	4286933	22774128.7	
4287879	JT International SA	25/01/2022	4287879	22701618.5	

4288805	Valeo Schalter und Sensoren GmbH	01/02/2022	4288805	22706258.5	German
4289101	Quantum Digital Solutions Corporation	03/02/2022	4289101	22750386.9	
4289154	Jaguar Land Rover Limited	03/02/2022	4289154	22707036.4	
4289650	Batz, S.Coop.	08/06/2022	4289650	22382546.4	
4290355	Samsung Electronics Co., Ltd.	15/05/2023	4290355	23173484.9	
4290508	Casio Computer Co., Ltd.	06/06/2023	4290508	23177623.8	
4291244	Oxford University Innovation Limited United Kingdom Research and Innovation	11/02/2022	4291244	22704422.9	
4291415	Illinois Tool Works Inc.	10/02/2022	4291415	22707587.6	
4291434	VOLKSWAGEN AKTIENGESELLSCHAFT	18/01/2022	4291434	22700826.5	German
4291481	Vestdavit Gruppen AS	11/02/2022	4291481	22704920.2	
4291492	Dcubed GmbH	08/02/2022	4291492	22710295.1	German
4291859	Quantum Valley Ideas Laboratories	01/02/2022	4291859	22752024.4	
4292412	CLAAS Tractor S.A.S.	19/04/2023	4292412	23168760.9	German
4292728	Sumitomo Heavy Industries, LTD.	14/01/2022	4292728	22752520.1	
4292742	Black & Decker, Inc.	05/05/2023	4292742	23171795.0	
4293377	Tesla Dynamic Coils BV Futura Composites B.V.	28/06/2022	4293377	22181532.7	
4293420	CANON KABUSHIKI KAISHA	30/05/2018	4293420	23200839.1	
4293549	NTT, Inc.	19/03/2021	4293549	21931632.0	
4293681	Stryker Corporation	13/06/2023	4293681	23179030.4	
4293960	Juniper Networks, Inc.	21/12/2022	4293960	22215462.7	
4294669	Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Coburg	19/02/2021	4294669	21707227.1	
4295028	Liebherr-Components Deggendorf GmbH	19/04/2022	4295028	22723581.9	German
4295098	Microsoft Technology Licensing, LLC	27/01/2022	4295098	22704186.0	
4295733	Miele & Cie. KG	25/05/2023	4295733	23175427.6	German
4295804	J. MORITA MFG. CORP.	22/06/2023	4295804	23180930.2	
4296540	Granger, Maurice	14/06/2023	4296540	23179289.6	French
4296607	Diehl Defence GmbH & Co. KG	14/06/2023	4296607	23179254.0	German
4297058	Huawei Digital Power Technologies Co., Ltd.	24/05/2023	4297058	23175209.8	
4297218	China Electric Power Research Institute	07/02/2022	4297218	22762352.7	
4297652	Commissariat à l'Energie Atomique et aux Energies Alternatives	17/02/2022	4297652	22704546.5	French
4298036	Vanderlande Industries B.V.	23/02/2022	4298036	22709421.6	
4298271	GlobalWafers Co., Ltd.	11/02/2022	4298271	22707300.4	
4298345	Ventriflo, Inc.	23/02/2021	4298345	21713190.3	
4298424	Saudi Arabian Oil Company	04/05/2021	4298424	21724784.0	
4298493	Juniper Networks, Inc.	25/04/2023	4298493	23724634.3	
4299020	MED-EL Elektromedizinische Geräte GmbH	05/06/2023	4299020	23177257.5	German
4299815	LG Electronics Inc.	27/07/2012	4299815	23188833.0	
4299911	Daikin Industries, Ltd.	03/03/2022	4299911	22771124.9	
4299962	Karasto Armaturenfabrik Oehler GmbH	29/06/2023	4299962	23182261.0	German
4299964	Deublin Company, LLC	05/10/2018	4299964	23210081.8	
4299996	Microjet Technology Co., Ltd.	29/07/2022	4299996	22187825.9	
4300156	Karl Storz SE & Co. KG	13/06/2023	4300156	23178901.7	German
4300782	Hyundai Mobis Co., Ltd.	30/12/2021	4300782	23210114.7	
4302059	Hahn-Schickard-Gesellschaft für angewandte Forschung e. V.	01/03/2022	4302059	22708558.6	German
4302365	Hubbell Incorporated	02/03/2022	4302365	22763969.7	
4302586	Eco Clipper B.V.	05/07/2023	4302586	23183547.1	
4302638	Yonwoo Co., Ltd.	08/07/2021	4302638	21929292.7	
4302733	HONEST MEDICAL CHINA CO., LTD.	03/07/2023	4302733	23183020.9	
4302868	SUMITOMO CHEMICAL COMPANY, LIMITED	27/06/2023	4302868	23181835.2	
4302894	Yorozu Corporation	05/03/2021	4302894	21929097.0	
4303279	DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD.	16/09/2021	4303279	21929143.2	
4304278	LG Electronics Inc.	03/03/2022	4304278	22763613.1	

4304492	Lin, Hsiu-Feng	08/03/2021	4304492	21930534.9	
4305214	GreenIron H2 AB	04/03/2022	4305214	22767596.4	
4305261	AS Spilka Industri	08/03/2022	4305261	22711041.8	
4305711	HARTING Electric Stiftung & Co. KG	28/02/2022	4305711	22713856.7	German
4305829	Microsoft Technology Licensing, LLC	01/03/2022	4305829	22714957.2	
4306356	ArianeGroup GmbH	13/07/2022	4306356	22315145.7	
	ArianeGroup SAS				
4306367	Zanini Auto Grup, S.A.	12/07/2022	4306367	22382658.7	
4306580	JSP Corporation	21/12/2021	4306580	21930409.4	
4306614	Merck Patent GmbH	13/07/2023	4306614	23185162.7	
4307910	Firmenich SA	23/05/2022	4307910	22730219.7	
4308026	Okinawa Institute of Science and Technology School Corporation	17/03/2022	4308026	22715275.8	
4308814	Siemens Gamesa Renewable Energy Innovation & Technology S.L.	04/04/2022	4308814	22720427.8	
4308885	Baker Hughes Holdings LLC	11/03/2022	4308885	22772362.4	
4309565	Arthrex, Inc.	13/07/2021	4309565	23215123.3	
4309693	Fenwal, Inc.	20/07/2023	4309693	23186607.0	
4309884	Continental Reifen Deutschland GmbH	19/06/2023	4309884	23179999.0	German
4309959	TOYOTA JIDOSHA KABUSHIKI KAISHA	21/07/2023	4309959	23186985.0	
4310732	Huawei Technologies Co., Ltd.	18/10/2019	4310732	23206103.6	
4311128	Samsung Electronics Co., Ltd.	26/03/2015	4311128	23214376.8	
4311271	Sivantos Pte. Ltd.	12/07/2023	4311271	23185087.6	German
4311643	Nicoletti, Ira	14/07/2023	4311643	23185556.0	
4311644	Nicoletti, Ira	14/07/2023	4311644	23185590.9	
4313214	AMGEN INC.	28/03/2022	4313214	22716745.9	
4313564	Karlsruher Institut für Technologie	25/03/2022	4313564	22718170.8	German
4314773	Saudi Arabian Oil Company	30/03/2022	4314773	22718000.7	
4315116	Cisco Technology, Inc.	29/03/2022	4315116	22716842.4	
4315679	Lenovo (Beijing) Limited	29/03/2021	4315679	21933543.7	
4316034	QUALCOMM INCORPORATED	15/03/2022	4316034	22714680.0	
4316080	QUALCOMM INCORPORATED	29/03/2021	4316080	21933535.3	
4316929	Goodrich Corporation	05/08/2022	4316929	22461590.6	
4317225	Tosoh Corporation	25/03/2022	4317225	22780540.5	
4317506	NIPPON STEEL CORPORATION	31/03/2022	4317506	22781208.8	
4317639	Pinet Industrie	20/07/2023	4317639	23186597.3	French
4317757	Funke Kunststoffe GmbH	19/09/2022	4317757	23215242.1	German
4317840	DAIKIN INDUSTRIES, LTD.	30/03/2022	4317840	22781082.7	
4318164	Trimble Inc.	13/07/2023	4318164	23185265.8	
4318339	Hitachi Construction Machinery Co., Ltd.	18/01/2022	4318339	22779399.9	
4318586	Changxin Memory Technologies, Inc.	28/07/2022	4318586	22793505.3	
4319128	Sony Group Corporation	24/01/2022	4319128	22774621.1	
4319139	Beijing Zitiao Network Technology Co., Ltd.	17/03/2022	4319139	22794386.7	
4319169	Honor Device Co., Ltd.	08/06/2022	4319169	22819574.9	
4319481	Fisher & Paykel Healthcare Limited	09/09/2016	4319481	23203282.1	
4319692	Nuvasive, Inc.	03/04/2022	4319692	22719429.7	
4320017	IPGate AG	28/01/2022	4320017	22708374.8	German
4320409	B. Braun New Ventures GmbH	09/02/2023	4320409	23704901.0	German
4320473	Safran Electronics & Defense	06/04/2022	4320473	22719977.5	French
4320583	Samsung Electronics Co., Ltd.	09/05/2022	4320583	22807734.3	
4321052	Panasonic Intellectual Property Management Co., Ltd.	29/03/2022	4321052	22784572.4	
4321216	Georgetown University	02/10/2019	4321216	23203343.1	
4321293	Hoffmann Engineering Services GmbH	10/08/2022	4321293	22189781.2	German
4321524	Sogo Pharmaceutical Co., Ltd.	11/04/2022	4321524	22784740.7	
	Shizuoka Prefectural University Corporation				
4323330	Navinta III Inc	15/04/2022	4323330	22721968.0	
4323715	Raytheon Company	30/03/2022	4323715	22717997.5	
4323850	Microsoft Technology Licensing, LLC	25/03/2022	4323850	22715961.3	

4324522	Amicus Therapeutics, Inc.	30/05/2018	4324522	23219949.7	
4324569	Qingdao Hanbo Plastic Technology Co., Ltd.	23/03/2022	4324569	22787348.6	
4324811	Zhejiang Research Institute of Chemical Industry Co., Ltd. Sinochem Lantian Co., Ltd.	07/04/2022	4324811	22787430.2	
4325452	Assa Abloy AB	24/03/2020	4325452	23210850.6	
4326517	The Procter & Gamble Company	19/04/2022	4326517	22728319.9	
4327747	Siemens Healthineers AG	25/08/2022	4327747	22192175.2	German
4327748	The Regents of the University of Michigan Siemens Healthineers AG	23/08/2022	4327748	22191668.7	
4327866	Eli Lilly and Company	28/03/2019	4327866	23215626.5	
4327869	Amicus Therapeutics, Inc.	30/05/2018	4327869	23219933.1	
4328359	Chongqing Jimat New Material Technology Co., Ltd.	23/03/2023	4328359	23806166.7	
4328500	LG Electronics Inc.	21/08/2023	4328500	23192460.6	
4328599	LG Energy Solution, Ltd.	26/01/2023	4328599	23747350.9	
4328718	Hideep Inc.	03/08/2023	4328718	23189557.4	
4328720	Honor Device Co., Ltd.	07/09/2022	4328720	22900016.1	
4328736	Samsung Electronics Co., Ltd.	11/05/2022	4328736	22849682.4	
4329433	CHK Develop B.V.	17/08/2023	4329433	23191926.7	
4329963	Wagstaff, Inc.	11/05/2022	4329963	22726941.2	
4330063	Politecnico di Milano	26/04/2022	4330063	22726288.8	
4330555	Nuovo Pignone Tecnologie - S.r.l.	21/04/2022	4330555	22724423.3	
4330556	Nuovo Pignone Tecnologie - S.r.l.	21/04/2022	4330556	22724424.1	
4331436	Diemer & Dr. Jaspert GbR	29/08/2023	4331436	23193794.7	German
4331556	Bristol-Myers Squibb Company	10/05/2019	4331556	24152460.2	
4334069	Kando Innovation Limited	13/07/2022	4334069	22842544.3	
4335521	Emtelli Inc.	21/06/2022	4335521	22828711.6	
4336237	Cairn Research Limited	07/08/2023	4336237	23190056.4	
4336324	BAE SYSTEMS plc	18/06/2020	4336324	24152867.8	
4336497	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	27/06/2019	4336497	24153258.9	
4337117	B-Plate Inc.	13/05/2022	4337117	22808394.5	
4337119	Spine23 Inc.	12/05/2022	4337119	22726969.3	
4337397	Techmetal S.r.l.	10/05/2022	4337397	22728274.6	
4337537	Aero Velocity Inc.	13/04/2023	4337537	23788948.0	
4337850	Safran Nacelles	12/05/2022	4337850	22731265.9	French
4338349	QUALCOMM INCORPORATED	11/05/2022	4338349	22726951.1	
4338692	Covidien LP	05/09/2023	4338692	23195483.5	
4339018	Hiab AB	20/12/2023	4339018	23218528.0	
4339073	VOLKSWAGEN AG	15/08/2023	4339073	23191537.2	German
4339105	Gordrich Lighting Systems GmbH & Co. KG	19/09/2022	4339105	22196328.3	
4339302	JFE Steel Corporation	26/05/2022	4339302	22828145.7	
4339347	Miele & Cie. KG	22/08/2023	4339347	23192595.9	German
4339517	BJB GmbH & Co. KG	14/06/2023	4339517	23179293.8	German
4339814	Nvidia Corporation	14/09/2023	4339814	23197316.5	
4340645	G.D SOCIETA' PER AZIONI	20/05/2022	4340645	22726532.9	
4340725	Google LLC	20/10/2022	4340725	22859455.2	
4340781	25Segments AG	11/05/2022	4340781	22729084.8	
4341111	Webasto SE	12/05/2022	4341111	22729135.8	German
4341146	Siemens Mobility GmbH	12/07/2022	4341146	22747025.9	German
4341170	Daklapack Europe B.V.	19/05/2022	4341170	22725940.5	
4341204	Memsstar Limited	17/05/2022	4341204	22732611.3	
4341510	Nub S.R.L.S.	18/05/2022	4341510	22729292.7	
4342274	Walterscheid GmbH	21/09/2022	4342274	22196883.7	German
4342313	Shenzhen Huachengda Precision Industry Co., Ltd.	13/10/2021	4342313	21959042.9	
4342524	Lucibel SA	17/08/2023	4342524	23191958.0	French
4343319	Spanish National Research Council (CSIC) Kaunas University of Technology	20/12/2022	4343319	22214840.5	

4343502	Honor Device Co., Ltd.	04/01/2023	4343502	23784060.8	
4343795	Huawei Digital Power Technologies Co., Ltd.	30/08/2023	4343795	23194314.3	
4343849	Samsung Electronics Co., Ltd.	12/09/2023	4343849	23196798.5	
4344563	Shenzhen Huachengda Precision Industry Co.Ltd.	25/07/2023	4344563	23187429.8	
4344564	Shenzhen Huachengda Precision Industry Co.Ltd.	25/07/2023	4344564	23187431.4	
4344565	Shenzhen Huachengda Precision Industry Co.Ltd.	25/07/2023	4344565	23187434.8	
4344802	The Boeing Company	07/08/2023	4344802	23190068.9	
4345076	SCHOTT AG	27/09/2022	4345076	22198135.0	
4345284	Robert Bosch GmbH	29/09/2022	4345284	22198761.3	
4345343	Eagle Industry Co., Ltd.	10/07/2020	4345343	24157883.0	
4345591	Beijing Zitiao Network Technology Co., Ltd.	19/09/2022	4345591	22874681.4	
4346070	HONDA MOTOR CO., LTD.	26/09/2023	4346070	23199800.6	
4346240	Harman International Industries, Inc.	06/09/2023	4346240	23195638.4	
4347190	Black & Decker Inc.	24/05/2022	4347190	22732752.5	
4348038	NEXT MARINE SOLUTIONS, INC.	25/05/2022	4348038	22735693.8	
4348642	WS Audiology A/S	03/06/2022	4348642	22734516.2	
4349245	BIC Violex Single Member S.A.	07/10/2022	4349245	22200180.2	
4350101	Industrias Peygran, S.L.	02/06/2022	4350101	22815420.9	
4350195	DROPSA S.p.A.	26/09/2023	4350195	23199716.4	
4350215	JFE Steel Corporation	19/05/2022	4350215	22815860.6	
4350244	LG Electronics Inc.	27/09/2023	4350244	23199949.1	
4350306	Mettler-Toledo GmbH	07/10/2022	4350306	22200445.9	
4350309	ABB SCHWEIZ AG	26/10/2022	4350309	22203906.7	
4351288	Samsung Electronics Co., Ltd.	10/05/2021	4351288	24158386.3	
4351590	Uniwersytet Medyczny Im. Piastów Śląskich We Wrocławiu	13/06/2022	4351590	22820644.7	
4352460	Oracle International Corporation	01/06/2022	4352460	22732845.7	
4352737	Apple Inc.	23/05/2022	4352737	22743618.5	
4352809	Nimbus Power Systems Inc.	04/06/2022	4352809	22820824.5	
4353069	CNH Industrial America LLC	13/10/2023	4353069	23203637.6	
4353071	CNH Industrial America LLC	13/10/2023	4353071	23203627.7	
4354006	Liebherr-Hydraulikbagger GmbH	11/10/2023	4354006	23202958.7	German
4354067	Zhejiang Dunan Artificial Environment Co., Ltd.	26/05/2022	4354067	22819374.4	
4354468	Jovyatlas GmbH	13/10/2023	4354468	23203483.5	German
4354470	RIPD IP Development Ltd	23/08/2023	4354470	23193071.0	
4354607	LG ENERGY SOLUTION, LTD.	09/02/2023	4354607	23753165.2	
4354663	AKNH Kontaktsysteme GmbH	13/10/2022	4354663	22201381.5	German
4354868	Tencent Technology (Shenzhen) Company Limited	30/03/2022	4354868	22819172.2	
4355143	Philip Morris Products S.A.	17/06/2022	4355143	22733639.3	
4355566	Bridgestone Americas Tire Operations, LLC	15/06/2022	4355566	22826018.8	
4355691	ExxonMobil Technology and Engineering Company	08/06/2022	4355691	22740681.6	
4355741	Biotheryx, Inc.	15/06/2022	4355741	22744559.0	
4356135	F. Hoffmann-La Roche AG	17/06/2022	4356135	22735381.0	
4356434	Conti Innovation Center, LLC	15/06/2022	4356434	22741898.5	
4356888	GDM S.p.A.	13/10/2023	4356888	23203378.7	
4357046	Böllhoff Verbindungstechnik GmbH	17/10/2022	4357046	22202030.7	German
4357214	Garrett Transportation I Inc.	08/09/2023	4357214	23196312.5	
4357428	Kyocera Corporation	30/08/2022	4357428	22867245.7	
4357480	Chongqing Jimat New Material Technology Co., Ltd.	13/02/2023	4357480	23836704.9	
4357542	Deere & Company	05/10/2023	4357542	23201861.4	
4357673	Vaillant GmbH	10/10/2023	4357673	23202605.4	German

4357791	MSSCORPS CO., LTD. National Chung Hsing University	03/04/2023	4357791	23166361.8	
4358053	Robert Bosch GmbH	17/10/2022	4358053	22201782.4	
4359255	Bayerische Motoren Werke Aktiengesellschaft	10/06/2022	4359255	22732523.0	German
4360503	Societe Financiere Veron (Sofive)	03/10/2023	4360503	23201477.9	French
4360524	BSH Hausgeräte GmbH	02/10/2023	4360524	23201169.2	German
4360910	BRIDGESTONE CORPORATION	22/06/2022	4360910	22864016.5	
4361224	Toray Industries, Inc.	28/02/2018	4361224	24163590.3	
4361334	Zhejiang BoRui Intelligent Technology Co., Ltd. Jianfeng, Su	18/10/2023	4361334	23204458.6	
4361546	China Institute of Atomic Energy	17/06/2022	4361546	22732378.9	
4361729	CANON KABUSHIKI KAISHA	13/10/2023	4361729	23203453.8	
4362021	NXP USA, Inc.	19/10/2023	4362021	23204588.0	
4362399	Schneider Electric Industries SAS	24/10/2022	4362399	22306608.5	
4362400	Schneider Electric Industries SAS	24/10/2022	4362400	22306609.3	
4363355	TGW Logistics GmbH	28/06/2022	4363355	22737708.2	German
4363415	Tecnimede, Sociedade Técnico-Medicinal, SA	28/06/2022	4363415	22753767.7	
4363685	ASSA ABLOY Entrance Systems AB	16/06/2022	4363685	22735832.2	
4363753	ContiTech Techno-Chemie GmbH	10/06/2022	4363753	22734107.0	German
4363987	Samsung Electronics Co., Ltd.	20/01/2023	4363987	23743546.6	
4364133	Google LLC	20/07/2022	4364133	22754745.2	
4364954	CANON KABUSHIKI KAISHA	25/10/2023	4364954	23205672.1	
4365877	NTT, Inc.	02/07/2021	4365877	21948446.6	
4365880	Samsung Electronics Co., Ltd.	26/10/2022	4365880	22887591.0	
4366049	Hithium Tech HK Limited	30/12/2022	4366049	22944046.6	
4366263	NTT, Inc.	28/06/2021	4366263	21948244.5	
4366623	Evalve, Inc.	06/07/2022	4366623	22748624.8	
4366638	Cilag GmbH International	27/06/2023	4366638	23738897.0	
4366885	Carlisle Construction Materials, LLC	06/07/2022	4366885	22838343.6	
4366959	SAF-HOLLAND GmbH	05/07/2022	4366959	22741752.4	German
4367315	SEB S.A.	01/07/2022	4367315	22744155.7	French
4367477	Telefonaktiebolaget LM Ericsson (publ)	08/07/2021	4367477	21742114.8	
4367590	Capital One Services, LLC	01/07/2022	4367590	22754598.5	
4368424	ContiTech Deutschland GmbH	25/10/2023	4368424	23205709.1	German
4368460	Autoliv Development AB	16/06/2022	4368460	22837438.5	
4369090	E Ink Corporation	20/06/2019	4369090	24159764.0	
4369188	Beijing Zitiao Network Technology Co., Ltd.	05/08/2022	4369188	22857614.6	
4369266	CANON KABUSHIKI KAISHA	31/10/2023	4369266	23206978.1	
4370180	Cellotex Development Ltd	07/08/2022	4370180	22757701.2	
4370873	Mercedes-Benz Group AG	08/06/2022	4370873	22737557.3	German
4370932	Centro Cardiologico Monzino S.p.A. UNIVERSITA' DEGLI STUDI DI MILANO	14/07/2022	4370932	22750821.5	
4371316	Telecom Italia S.p.A.	11/07/2022	4371316	22750775.3	
4371399	McHale Engineering Unlimited Company	20/11/2023	4371399	23210927.2	
4371642	Zefon International, Inc.	14/02/2019	4371642	24154176.2	
4371840	Sumitomo Heavy Industries, LTD.	14/07/2022	4371840	22842180.6	
4372038	Flooring Technologies Ltd.	15/11/2022	4372038	22207492.4	German
4372322	AiQ Dienstleistungen UG (haftungsbeschränkt)	15/11/2022	4372322	22207503.8	
4372687	TOYOTA JIDOSHA KABUSHIKI KAISHA	18/11/2022	4372687	22208383.4	
4373232	Huawei Digital Power Technologies Co., Ltd.	10/11/2023	4373232	23209042.3	
4373995	Topsoe A/S	13/07/2022	4373995	22748361.7	
4374288	G.D SOCIETA' PER AZIONI	21/07/2022	4374288	22747786.6	
4374436	Johnson Matthey Hydrogen Technologies Limited	20/07/2022	4374436	22747397.2	

4375075	ALLTEC ANGEWANDTE LASERLICHT TECHNOLOGIE GMBH	18/09/2020	4375075	24170285.1	
4375213	ALBEA SERVICES	07/07/2022	4375213	24170333.9	French
4375657	Leonardo S.p.a.	28/11/2022	4375657	22209811.3	
4375910	Google LLC	26/08/2022	4375910	24170059.0	
4376085	LG Electronics Inc.	27/08/2021	4376085	21955137.1	
4376585	Agco Do Brasil Soluções Agrícolas Ltda	19/07/2022	4376585	22747452.5	
4376622	Marmotta, Gioacchino	26/07/2022	4376622	22847712.1	
4376911	ConvaTec Limited	22/07/2022	4376911	22751790.1	
4377259	Wacker Chemie AG	29/07/2021	4377259	21759032.2	German
4377706	Robert Bosch GmbH	06/02/2023	4377706	23703775.9	German
4377834	Cognex Corporation	29/07/2022	4377834	22773342.5	
4377863	Wanzl GmbH & Co. Kg	29/07/2022	4377863	22760679.5	German
	JustTec GmbH				
4377955	QUALCOMM INCORPORATED	07/07/2022	4377955	22751970.9	
4378510	ResMed Pty Ltd	01/02/2019	4378510	23218002.6	
4378753	Lear Corporation	23/11/2023	4378753	23211716.8	
4378930	The University of Tokyo	01/08/2022	4378930	22853019.2	
	DAIKIN INDUSTRIES, LTD.				
4379098	Chongqing Jimat New Material Technology Co., Ltd.	13/02/2023	4379098	23793218.1	
4379257	Jiaxing Uphoton Optoelectronics Technology Co., Ltd.	07/09/2023	4379257	23195944.6	
4379260	Doosan Enerbility Co., Ltd.	23/10/2023	4379260	23205310.8	
4379953	Chiun Mai Communication Systems, Inc.	23/10/2023	4379953	23205236.5	
4380277	Huawei Technologies Co. Ltd.	28/07/2022	4380277	22852037.5	
4381723	Apple Inc.	12/09/2022	4381723	22785843.8	
4382185	Arçelik Anonim Sirketi	31/10/2023	4382185	23207210.8	
4382800	HELLA GMBH & CO. KGAA	06/12/2022	4382800	22211717.8	
	HELLA Saturnus Slovenija d.o.o.				
4382929	Beeplanet Factory, S.L.	04/08/2021	4382929	21952667.0	
	UNIVERSIDAD PUBLICA DE NAVARRA				
4383067	Kosumi Llc	09/11/2022	4383067	22892815.6	
4383110	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	25/05/2022	4383110	22859966.8	
4383464	Changchun Jetty Automotive Technology Co., Ltd.	05/08/2022	4383464	22855347.5	
4383747	Huawei Technologies Co. Ltd.	08/10/2022	4383747	22877962.5	
4383768	Samsung Electronics Co., Ltd.	05/08/2022	4383768	22867572.4	
4385312	Usines Claas France S.A.S	18/10/2023	4385312	23204242.4	German
4385796	AISIN CORPORATION	21/11/2022	4385796	22898536.2	
4385862	Great Wall Motor Company Limited	27/06/2022	4385862	22855091.9	
4386249	HellermannTyton s.a.s.	16/12/2022	4386249	22315331.3	
4387232	B1 Institute of Image Technology, Inc.	10/10/2017	4387232	24174061.2	
4387378	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	09/08/2021	4387378	21953057.3	
4388064	The Lubrizol Corporation	18/08/2022	4388064	22768544.3	
4388477	Worldpay, LLC	26/08/2022	4388477	22777083.1	
4389025	St. Jude Medical, Cardiology Division, Inc.	21/09/2023	4389025	23198867.6	
4389663	FUJIFILM Corporation	13/06/2022	4389663	22858142.7	
4389910	Nat Diagnostics, Inc.	06/03/2017	4389910	24156601.7	
4390099	Hamilton Sundstrand Corporation	20/12/2023	4390099	23218532.2	
4390159	Huawei Technologies Co. Ltd.	21/10/2022	4390159	22885827.0	
4390428	Siemens Healthineers AG	20/12/2022	4390428	22214872.8	German
4391501	Honor Device Co., Ltd.	11/04/2023	4391501	23802570.4	
4392244	LM Wind Power A/S	24/08/2022	4392244	22769171.4	
4392368	Yara International ASA	25/08/2022	4392368	22768823.1	
4392606	Miele & Cie. KG	26/07/2022	4392606	22751107.8	German
4392647	NUOVO PIGNONE TECNOLOGIE - S.R.L.	23/08/2022	4392647	22765742.6	

4392736	MICRO-EPSILON-MESSTECHNIK GMBH & CO. K.G.	04/10/2023	4392736	23805460.5	German
4392970	Dolby Laboratories Licensing Corporation Dolby International AB	24/08/2022	4392970	22769496.5	
4393755	BRP-Rotax GmbH & Co. KG	20/12/2023	4393755	23218910.0	
4393775	Fuyao Glass Industry Group Co., Ltd.	21/09/2022	4393775	22871984.5	
4393792	Beijing Navagraha Intelligent Technology Co., Ltd.	07/09/2023	4393792	23862480.3	
4394593	Chongqing Changan Automobile Co., Ltd.	12/01/2024	4394593	24151696.2	
4394987	LG Energy Solution, Ltd.	18/10/2022	4394987	22883994.0	
4395005	Hithium Tech HK Limited	22/12/2022	4395005	22932489.2	
4395353	Honor Device Co., Ltd.	13/04/2023	4395353	23814788.8	
4396373	Becton, Dickinson and Company	31/08/2022	4396373	22777544.2	
4397898	TI Automotive (Fuldabrück) GmbH	04/01/2023	4397898	23150315.2	German
4398113	Intel Corporation	31/12/2016	4398113	24178028.7	
4398953	Abiomed Europe GmbH	07/09/2022	4398953	22823143.7	
4399047	ESAB AB	08/09/2022	4399047	22782586.6	
4399446	FRAMATOME	07/09/2022	4399446	22773238.5	French
4400269	Milwaukee Electric Tool Corporation	26/09/2023	4400269	23199911.1	
4400605	Feltre Srl	10/01/2024	4400605	24151238.3	
4400652	Itrec B.V.	23/09/2020	4400652	24179977.4	
4400756	TI Automotive (Fuldabrück) GmbH	04/01/2023	4400756	23215312.2	German
4400908	Samsung Electronics Co., Ltd.	08/08/2022	4400908	22890133.6	
4401205	LG Energy Solution, Ltd.	25/07/2023	4401205	23860692.5	
4401354	MITSUBISHI ELECTRIC CORPORATION	12/10/2021	4401354	21960568.0	
4401359	ROSEMOUNT AEROSPACE INC.	10/01/2024	4401359	24151200.3	
4401371	Signify Holding B.V.	22/12/2020	4401371	24173420.1	
4401911	Illinois Tool Works, Inc.	13/09/2022	4401911	22783199.7	
4402055	Orthodrone GmbH	13/09/2022	4402055	22786895.7	German
4402319	Krinner Innovation GmbH	21/10/2022	4402319	22808751.6	German
4402452	Precision Planting LLC	07/09/2022	4402452	22782574.2	
4402521	Sintef TTO AS	15/09/2022	4402521	22797816.0	
4402548	Syddansk Universitet				
4402548	Hitachi Energy Ltd	14/10/2022	4402548	22801807.3	
4402935	Apple Inc.	22/10/2021	4402935	21961055.7	
4403449	Lee, Dong-Lie	20/01/2023	4403449	23152779.7	
4403472	Airbus Operations Limited	18/01/2023	4403472	23305060.8	
4403579	Airbus Operations SAS				
4403579	Airbus Operations GmbH				
4403579	Millennium Pharmaceuticals, Inc.	02/05/2012	4403579	24167554.5	
4403641	Jiangsu Xiansida Biotechnology Co., Ltd.	14/09/2022	4403641	22869281.0	
4403657	Xiansida Nanjing Biotechnology Co., Ltd.				
4403657	Tecnored Desenvolvimento Tecnológico S.A.	12/08/2022	4403657	22868482.5	
4403753	RTX Corporation	13/10/2021	4403753	24181318.7	
4404071	Samsung Electronics Co., Ltd.	15/01/2024	4404071	24151959.4	
4404478	ViaSat, Inc.	23/09/2020	4404478	24178849.6	
4404505	nChain Licensing AG	07/06/2018	4404505	24180613.2	
4405165	Mühlbauer Technology GmbH	16/09/2022	4405165	22792782.9	German
4405567	Epiroc Rock Drills Aktiebolag	22/09/2022	4405567	22787018.5	
4405936	Google LLC	06/09/2022	4405936	22777570.7	
4405941	Google LLC	22/09/2022	4405941	22789441.7	
4406210	Telefonaktiebolaget LM Ericsson (publ)	22/09/2022	4406210	22793099.7	
4406579	Fisher & Paykel Healthcare Limited	10/05/2010	4406579	24166445.7	
4406628	Angel Playing Cards Co., Ltd.	24/01/2017	4406628	24174374.9	
4406786	VOLVO TRUCK CORPORATION	27/01/2023	4406786	23153749.9	
4406897	TK Home Solutions B.V.	30/01/2023	4406897	23153840.6	
4407225	B/E Aerospace, Inc.	26/01/2023	4407225	23461505.2	
4407494	NTT Docomo Business, Inc.	21/09/2022	4407494	22872938.0	
4407923	NTT Security (Japan) KK				
4407923	nChain Licensing AG	19/06/2018	4407923	24182619.7	

4408108	QUALCOMM Incorporated	19/07/2019	4408108	24181687.5	
4408346	Carl Zeiss Meditec AG	26/09/2022	4408346	22797682.6	German
4409630	Rogers Germany GmbH	30/09/2022	4409630	22789609.9	German
4410148	Pum-Tech Korea Co., Ltd	19/10/2022	4410148	22893057.4	
4410288	The Children's Hospital Of Philadelphia	07/09/2016	4410288	24162566.4	
4410648	Suzuki Motor Corporation	29/01/2024	4410648	24154498.0	
4410750	Nitto Boseki Co., Ltd.	31/10/2022	4410750	22929932.6	
4411137	mitsubishi heavy industries, LTD.	15/06/2022	4411137	22889609.8	
	Kabushiki Kaisha Riken				
4411149	VOLVO TRUCK CORPORATION	03/02/2023	4411149	23154891.8	
4411190	Fränkische Industrial Pipes GmbH & Co. KG	30/01/2024	4411190	24154563.1	German
4411293	QINGDAO HAIER REFRIGERATOR CO., LTD.	13/06/2022	4411293	22874283.9	
	HAIER SMART HOME CO., LTD.				
4412233	Honor Device Co., Ltd.	26/04/2023	4412233	23858701.8	
4412878	Robert Bosch GmbH	05/10/2022	4412878	22790228.5	German
4413250	JSC ZAGO TECHNOLOGY	06/10/2022	4413250	22830288.1	
4413291	Dispelix Oy	06/10/2022	4413291	22789946.5	
4413294	Signify Holding B.V.	03/10/2022	4413294	22793175.5	
4413543	QUALCOMM INCORPORATED	26/08/2022	4413543	22777514.5	
4414183	Sumitomo Rubber Industries, Ltd.	17/04/2020	4414183	24186066.7	
4414800	TOYOTA JIDOSHA KABUSHIKI KAISHA	25/01/2024	4414800	24153853.7	
4415621	Bard Peripheral Vascular, Inc.	14/10/2021	4415621	21814964.9	
4415624	Koninklijke Philips N.V.	10/10/2022	4415624	22802053.3	
4415886	Framer Holding B.V.	12/10/2022	4415886	22789347.6	
4415893	SUBD APS	10/10/2022	4415893	22801699.4	
4415966	Pilkington Group Limited	13/10/2022	4415966	22792879.3	
4416024	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	14/10/2022	4416024	22801160.7	German
4416205	Institut Químic de Sarrià CETS Fundació Privada	13/10/2022	4416205	22802933.6	
4416455	ATC Performance GmbH	14/10/2022	4416455	22801164.9	German
4417031	Deere & Company	05/02/2024	4417031	24155768.5	
4417332	Primetals Technologies Austria GmbH	17/02/2023	4417332	23157217.3	German
4417380	Hecht Technologie GmbH	08/02/2024	4417380	24156598.5	German
4417384	Suote Transmission Equipment Co., Ltd.	27/12/2021	4417384	21940010.8	
4417406	Continental Reifen Deutschland GmbH	16/01/2024	4417406	24152010.5	German
4417833	Goodrich Corporation	14/02/2023	4417833	23461516.9	
4417973	AIRBUS OPERATIONS	15/02/2024	4417973	24157842.6	French
4418865	IPSICO GmbH	14/10/2022	4418865	22798167.7	
	Lipoid GmbH				
4418886	Philip Morris Products, S.A.	20/10/2022	4418886	22801182.1	
4418907	JT International S.A.	20/10/2022	4418907	22802641.5	
4419279	Seco Tools AB	06/10/2022	4419279	22799935.6	
4419320	Continental Reifen Deutschland GmbH	18/08/2022	4419320	22761401.3	German
4419381	Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Coburg	19/10/2022	4419381	22809646.7	German
4419388	Jaguar Land Rover Limited	10/10/2022	4419388	22801408.0	
4419454	Robopac S.p.A.	17/10/2022	4419454	22802706.6	
4419644	Life Science Methods B.V.	12/10/2022	4419644	22789345.0	
4419824	Alfa Engineering Societa' Cooperativa	21/10/2022	4419824	22801231.6	
4419832	Signify Holding B.V.	17/10/2022	4419832	22802144.0	
4419877	Controlant hf.	18/10/2022	4419877	22802624.1	
4420118	Jaguar Land Rover Limited	18/10/2022	4420118	22800299.4	
4420564	Criocabin S.p.A.	26/02/2024	4420564	24159732.7	
4420943	MANN+HUMMEL GmbH	23/02/2023	4420943	23158228.9	
4420998	Smurfit Westrock France	21/02/2023	4420998	23305224.0	French
4421069	Yuhan Corporation	13/10/2015	4421069	24166947.2	
4421319	Deere & Company	18/01/2024	4421319	24152534.4	German

4421386	Vaillant GmbH	22/02/2024	4421386	24158995.1	German
4421645	Microsoft Technology Licensing, LLC	18/06/2019	4421645	24188108.5	
4421929	LG Energy Solution, Ltd.	16/08/2023	4421929	23857631.8	
4422242	Lenovo (Singapore) Pte. Ltd	13/01/2020	4422242	24188839.5	
4422469	Musso, Luca	27/10/2022	4422469	22812760.1	
4422542	Koninklijke Philips N.V.	26/10/2022	4422542	22817098.1	
4423094	Bristol-Myers Squibb Company	28/10/2022	4423094	22813058.9	
4423168	Dow Global Technologies LLC	30/09/2022	4423168	22797563.8	
4423301	BostonGene Corporation	28/10/2022	4423301	22818527.8	
4423401	Schwarz GmbH	28/10/2022	4423401	22809793.7	German
4423410	TRELLEBORG CARQUEFOU	27/10/2022	4423410	22813664.4	French
4424253	Applied Medical Resources Corporation	13/03/2014	4424253	24189513.5	
4424391	ATK SPORTS S.R.L.	23/02/2024	4424391	24159504.0	
4424411	BASF SE	31/03/2020	4424411	24182749.2	German
	thyssenkrupp Uhde GmbH				
	thyssenkrupp AG				
4424485	Saint-Gobain Glass France	28/02/2023	4424485	23159093.6	
4424849	Rotacoat S.r.l.	18/12/2020	4424849	24189416.1	
4425545	Samsung Display Co., Ltd.	28/07/2020	4425545	24180989.6	
4425627	Contemporary Ampere Technology (Hong Kong) Limited	03/01/2023	4425627	23892750.3	
4425791	Nokia Solutions and Networks Oy	13/02/2024	4425791	24157437.5	
4426488	Single Technologies AB	01/11/2022	4426488	22813466.4	
4426926	VOLVO TRUCK CORPORATION	03/11/2022	4426926	22813233.8	
4427155	Microsoft Technology Licensing, LLC	10/10/2022	4427155	22801618.4	
4427503	Elisa Oyj	21/12/2022	4427503	22830573.6	
4427895	China Three Gorges Corporation	13/04/2023	4427895	23167658.6	
	China Three Gorges Construction Engineering Corporation				
4428084	Lödige Industries GmbH	15/02/2024	4428084	24157750.1	German
4428438	Guangdong Sleek Intelligent Technology Co., Ltd	27/06/2023	4428438	23181907.9	
4429413	MEDIATEK INC.	07/03/2024	4429413	24162136.6	
4429840	Ersa GmbH	24/10/2022	4429840	22809051.0	German
4430361	Valeo Schalter und Sensoren GmbH	10/11/2022	4430361	22814405.1	
4430436	IFP Energies nouvelles	20/10/2022	4430436	22805843.4	French
	TotalEnergies OneTech				
4431247	Syntegon Technology GmbH	15/02/2024	4431247	24157925.9	German
4431655	Totofolder Manufacturing Co., Ltd.	09/11/2021	4431655	21963982.0	
4431695	Sandvik Mining and Construction Oy	17/03/2023	4431695	23162685.4	
4431831	Gerdes Holding GmbH & Co. KG	16/03/2023	4431831	23162315.8	German
4431860	Acia	15/03/2024	4431860	24163972.3	French
4432034	Pilz GmbH & Co. KG	21/02/2024	4432034	24158932.4	German
4432046	Samsung Electronics Co., Ltd.	09/01/2023	4432046	23763604.8	
4432788	MEDIATEK INC.	07/03/2024	4432788	24162127.5	
4433181	Sony Interactive Entertainment LLC	03/11/2022	4433181	22830986.0	
4433291	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	25/10/2022	4433291	22802681.1	French
4433531	Technological University of the Shannon: Midlands Midwest	16/11/2022	4433531	22818626.8	
4434552	I+Med S. Coop.	17/11/2021	4434552	21820654.8	
4434889	HYUNDAI MOTOR COMPANY	16/10/2023	4434889	23203724.2	
	Kia Corporation				
4435057	The Procter & Gamble Company	18/06/2019	4435057	24192489.3	
4435113	10X Genomics, Inc.	17/05/2018	4435113	24191861.4	
4435212	Cogelec	29/01/2024	4435212	24154470.9	French
4435396	Hitachi Energy Ltd	20/03/2023	4435396	23162849.6	
4435397	Hitachi Energy Ltd	20/03/2023	4435397	23162860.3	
4435546	Einride AB	24/03/2023	4435546	23164132.5	
4435550	Robert Bosch GmbH	19/03/2024	4435550	24164366.7	German
4436233	Apple Inc.	30/04/2020	4436233	24193879.4	
4436909	LPKF Laser & Electronics SE	25/10/2022	4436909	22809095.7	German

4437741	Hitachi Rail STS S.p.A.	17/11/2022	4437741	22826198.8	
4438010	Heraeus Medical GmbH	28/03/2023	4438010	23164506.0	German
4438234	Black & Decker, Inc.	12/03/2024	4438234	24163007.8	
4438265	KHS GmbH	07/03/2024	4438265	24161935.2	German
4438810	Joseph Vögele AG	27/03/2023	4438810	23164330.5	German
4438875	PRATT & WHITNEY CANADA CORP.	28/03/2024	4438875	24167686.5	
4438941	Li, Wenjie	09/06/2023	4438941	23178332.5	
4439000	Emmegi S.p.A.	27/03/2024	4439000	24166972.0	
4440079	Meta Platforms Technologies, LLC	16/02/2024	4440079	24158084.4	
4440109	Huawei Technologies Co., Ltd.	24/06/2013	4440109	24189300.7	
4440197	Nokia Technologies Oy	23/01/2024	4440197	24153416.3	
4440771	Robert Bosch GmbH	26/10/2022	4440771	22812489.7	German
4440801	Multitool Lab Limited	28/11/2022	4440801	22840811.8	
4440880	HELLA Saturnus Slovenija d.o.o.	30/11/2021	4440880	21823822.8	
4441954	Banks and Acquirers International Holding	29/11/2022	4441954	22822190.9	French
4442194	Honor Device Co., Ltd.	08/09/2023	4442194	23870269.0	
4442312	CLASSYS INC.	02/11/2022	4442312	22901590.4	
4442909	CCCC First Harbor Engineering Co., Ltd.	08/09/2023	4442909	23908694.5	
	No.2 Engineering Company Ltd. of CCCC				
4443109	Navico, Inc.	12/02/2024	4443109	24157052.2	
4444406	Boston Scientific Neuromodulation Corporation	28/02/2023	4444406	23712678.4	
4444619	United Airlines, Inc.	07/12/2022	4444619	22847320.3	
4446220	AIRBUS OPERATIONS (SAS)	08/04/2024	4446220	24168948.8	French
	AIRBUS Operations GmbH				
4446760	LG Energy Solution, Ltd.	29/12/2022	4446760	22920839.2	
4446853	Hyundai Mobis Co., Ltd.	28/02/2024	4446853	24160166.5	
4446898	ABLIC Inc.	07/03/2024	4446898	24161919.6	
4446903	Accenture Global Solutions Limited	26/03/2024	4446903	24166536.3	
4447231	Japan Aviation Electronics Industry, Ltd.	23/01/2024	4447231	24153403.1	
4447719	IMPERIAL TOBACCO LIMITED	16/12/2022	4447719	22839304.7	
4448956	Siemens Gamesa Renewable Energy A/S	24/01/2023	4448956	23701525.0	
4449144	Centre National de la Recherche Scientifique (CNRS)	12/12/2022	4449144	22840261.6	French
	UNIVERSITE CLAUDE BERNARD - LYON 1				
	Ecole Centrale de Lyon				
	Institut National Des Sciences Appliquées De Lyon				
4449213	Siemens Aktiengesellschaft	20/02/2023	4449213	23707028.9	German
4450265	The Boeing Company	28/03/2024	4450265	24167279.9	
4450467	Nitto Boseki Co., Ltd.	14/02/2024	4450467	24719960.7	
4450540	FUJIFILM Business Innovation Corp.	24/10/2023	4450540	23205518.6	
4450544	Covestro Deutschland AG	19/04/2023	4450544	23168652.8	German
4450549	LG Chem, Ltd.	07/06/2023	4450549	23839806.9	
4450895	Gree Electric Appliances, Inc. of Zhuhai	26/07/2022	4450895	22905892.0	
4451616	T-Mobile Innovations LLC	12/04/2024	4451616	24169944.6	
4451992	NIKE Innovate C.V.	20/12/2022	4451992	22850980.8	
4452256	Astrazeneca AB	20/12/2022	4452256	22843653.1	
4452277	Fidia Farmaceutici S.p.A.	19/12/2022	4452277	22854172.8	
4452697	TESCA Pacific	20/12/2022	4452697	22823132.0	French
4452699	Audi AG	25/10/2022	4452699	22809096.5	German
4452835	ARKEMA FRANCE	21/12/2022	4452835	22843710.9	
4452906	Luxembourg Institute of Science and Technology	20/12/2022	4452906	22840678.1	
4453325	Grotti Srl	14/12/2022	4453325	22826452.9	
4453437	THREE SMITH GROUP LIMITED	22/12/2022	4453437	22839432.6	
4453860	Koninklijke Philips N.V.	16/12/2022	4453860	22835076.5	
4453986	Safran Electrical & Power	13/12/2022	4453986	22839876.4	French
4454361	InterDigital Patent Holdings, Inc.	21/12/2022	4454361	22850893.3	
4454582	Stryker European Operations Limited	24/04/2024	4454582	24172062.2	

4454696	Berlin Heart GmbH	26/04/2023	4454696	23170017.0	German
4455024	Wächter Packautomatik GmbH & Co. Kg	13/03/2024	4455024	24163094.6	German
4455050	ESE World B.V.	26/04/2023	4455050	23169955.4	
4455385	LENZING AKTIENGESELLSCHAFT	24/02/2021	4455385	24177836.4	German
4455440	Zurflüh-Feller	12/04/2024	4455440	24169874.5	French
4455512	BRP-Rotax GmbH & Co. KG	24/04/2024	4455512	24172101.8	
4456126	NXP USA, Inc.	11/04/2024	4456126	24169705.1	
4456154	SUMITOMO CHEMICAL COMPANY, LIMITED	23/04/2024	4456154	24171885.7	
4456224	Grob-Werke GmbH & Co. KG	07/07/2023	4456224	23184280.8	German
4456474	Beijing Volcano Engine Technology Co., Ltd.	14/07/2023	4456474	23185563.6	
4456851	Stryker Corporation	29/06/2022	4456851	22747514.2	
4457103	Bochumer Verein Verkehrstechnik GmbH	21/12/2022	4457103	22843256.3	German
4457212	Fundación Centro de Investigación Cooperativa de Energías Alternativas, CIC Energigune Fundazioa	23/12/2022	4457212	22844176.2	
4457281	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	28/12/2021	4457281	21848093.7	
4457457	FlexTable B.V.	25/07/2022	4457457	22748107.4	
4457507	TIAMA	26/12/2022	4457507	22847614.9	French
4458544	Airbus Operations GmbH	04/05/2023	4458544	23171455.1	
4458751	G.D S.p.A.	29/04/2024	4458751	24172928.4	
4459040	Coes S.r.l.	29/04/2024	4459040	24173197.5	
4459156	PRATT & WHITNEY CANADA CORP.	02/05/2024	4459156	24173851.7	
4459982	FMK Inc.	18/10/2023	4459982	23903715.3	
4460208	Palummo, Damiano	23/02/2022	4460208	22707711.2	German
4460277	Carl Zeiss Meditec AG	03/01/2023	4460277	23700582.2	German
4460678	Elliptic Laboratories ASA	19/12/2022	4460678	22836202.6	
4460748	Xmos Ltd	15/11/2022	4460748	22817280.5	
4460881	Siemens Gamesa Renewable Energy A/S	24/01/2023	4460881	23701724.9	
4461094	Signify Holding B.V.	21/12/2022	4461094	22823610.5	
4461192	Arçelik Anonim Sirketi	29/02/2024	4461192	24160463.6	
4461277	GDM S.p.A.	03/05/2024	4461277	24174025.7	
4461552	K.G.S. Srl Unipersonale	08/05/2024	4461552	24174789.8	
4461619	INOSYSTEMS	15/04/2024	4461619	24170315.6	French
4461655	HYUNDAI MOTOR COMPANY Kia Corporation	06/11/2023	4461655	23207897.2	
4461854	TMT Machinery, Inc.	17/04/2024	4461854	24170709.0	
4461919	Sandvik Mining and Construction Oy	08/05/2023	4461919	23171989.9	
4462034	Vaillant GmbH	06/05/2024	4462034	24174255.0	German
4462217	T-Mobile USA, Inc.	10/05/2024	4462217	24175268.2	
4462375	Hyundai Mobis Co., Ltd.	10/05/2023	4462375	23172553.2	
4463056	Iromed Group S.r.l.	30/12/2022	4463056	22850607.7	
4463409	Wittur Holding GmbH	20/12/2022	4463409	22843197.9	German
4463412	Itrec B.V.	11/01/2023	4463412	23700739.8	
4463671	KENNAMETAL INC.	10/01/2023	4463671	23700668.9	German
4464153	Aliaxis Research & Technology	24/04/2024	4464153	24172136.4	
4464194	Ferrino & C. S.p.A.	13/05/2024	4464194	24020147.5	
4464402	Greenfarm ApS	01/05/2024	4464402	24173651.1	
4464657	Hahn-Schickard-Gesellschaft für angewandte Forschung e. V.	06/05/2024	4464657	24174405.1	German
4464939	Ningbo Richen Electrical Appliance Co., Ltd.	09/05/2024	4464939	24175037.1	
4465013	Plexbio Co., Ltd.	20/09/2023	4465013	23198615.9	
4466184	Power Curve ApS	19/01/2023	4466184	23701432.9	
4466190	I.M.A. Industria Macchine Automatiche S.p.A	13/01/2023	4466190	23703361.8	
4466429	Volley Automation, Inc.	01/03/2023	4466429	23711878.1	
4467049	Miele & Cie. KG	19/04/2024	4467049	24171187.8	German
4467057	Miele & Cie. KG	12/04/2024	4467057	24169959.4	German
4467079	Canon Medical Systems Corporation	23/05/2024	4467079	24177813.3	

4467206	Pirri, Nareg	26/05/2023	4467206	23175807.9	
4467378	Hyundai Mobis Co., Ltd.	19/12/2023	4467378	23217830.1	
4467389	FERRARI S.p.A.	23/05/2024	4467389	24177615.2	
4467705	Açelik Anonim Sirketi	29/02/2024	4467705	24160469.3	
4467929	Infineon Technologies AG	25/05/2023	4467929	23175438.3	
4467951	STMicroelectronics International N.V.	24/05/2024	4467951	24177856.2	
4468691	CANON KABUSHIKI KAISHA	16/04/2024	4468691	24170443.6	
4469286	ABB SCHWEIZ AG	25/01/2022	4469286	22701628.4	
4469518	POLITECHNIKA WARSZAWSKA	25/01/2023	4469518	23711818.7	
	Uniwersytet Im. Adama Mickiewicza W Poznaniu				
4469541	Afton Chemical Corporation	20/01/2023	4469541	23705916.7	
4470337	Nokia Technologies Oy	08/11/2023	4470337	23805678.2	
4470418	World Sponge Manufacturing Co., Ltd.	24/05/2022	4470418	22905465.5	
4470734	VE.MA.C. Societa' A Responsabilita' Limitata	20/05/2024	4470734	24176860.5	
4471532	TOYOTA JIDOSHA KABUSHIKI KAISHA	07/06/2022	4471532	24207087.8	
4471773	STMicroelectronics International N.V.	28/03/2024	4471773	24167364.9	
4471830	FUJITSU LIMITED	24/01/2022	4471830	22921936.5	
4472692	Blutspendedienst der Landesverbände des Deutschen Roten Kreuzes Niedersachsen, Sachsen-Anhalt, Thüringen, Oldenburg und Bremen g.G.m.b.H.	02/06/2023	4472692	23731948.8	German
4472832	McLaren Automotive Limited	03/02/2023	4472832	23704415.1	
4473254	Schletter International B.V.	31/01/2023	4473254	23703014.3	German
4473272	Robert Bosch GmbH	31/01/2023	4473272	23703011.9	German
4473283	3DHitech Kft.	31/01/2023	4473283	23712319.5	
4473536	ORCA COMPUTING LIMITED	13/01/2023	4473536	23702511.9	
4473797	Heattalent Company B.V.	01/02/2022	4473797	22706260.1	
4474194	VOLKSWAGEN AG	22/05/2024	4474194	24177227.6	German
4474783	NXP B.V.	07/06/2023	4474783	23178034.7	
4475048	Cylance Inc.	29/05/2024	4475048	24178660.7	
4475523	Magna Electronics Sweden AB	05/06/2023	4475523	23177152.8	
4475909	LENUS Infusionstechnik GmbH & Co.KG	09/06/2023	4475909	23734448.6	German
4476044	TotalEnergies OneTech	01/02/2023	4476044	23702348.6	
	Centre National de la Recherche Scientifique (CNRS)				
	Université Claude Bernard Lyon 1 (UCBL)				
	Université Jean Monnet Saint-Étienne				
	Institut National des Sciences Appliquées de Lyon (INSA Lyon)				
4476480	E.G.O. Elektro-Gerätebau GmbH	08/02/2023	4476480	23708548.5	
4476761	Globalwafers Co., Ltd.	31/01/2023	4476761	23708124.5	
4477274	Zedel	30/05/2024	4477274	24178982.5	French
4477795	BDL Developpement SAS	12/04/2024	4477795	24170023.6	
	Datamars SA				
4477884	Lead Fluid (Baoding) Intelligent Equipment Manufacturing Co., Ltd.	28/12/2023	4477884	23220421.4	
4478229	T-Mobile Innovations LLC	07/06/2024	4478229	24180748.6	
4478291	Axis AB	14/06/2023	4478291	23179223.5	
4478319	TOYOTA JIDOSHA KABUSHIKI KAISHA	30/05/2024	4478319	24179081.5	
4478904	Husqvarna AB	02/02/2023	4478904	23704884.8	
4479148	WEBER-HYDRAULIK GMBH	13/02/2023	4479148	23713262.6	German
4479412	Debreceni Egyetem	17/02/2023	4479412	23715589.0	
4480170	Amazon Technologies, Inc.	21/06/2023	4480170	23744978.0	
4481169	Purem GmbH	21/05/2024	4481169	24176913.2	German
4481331	AMO Automatisierung Messtechnik Optik GmbH	21/06/2023	4481331	23180649.8	German
4481336	Flexim Flexible Industriemesstechnik GmbH	15/05/2024	4481336	24175898.6	German

4481372	FEI Company	21/03/2023	4481372	24205782.6	
4481957	MITSUMI ELECTRIC CO., LTD.	18/06/2024	4481957	24182890.4	
4482731	Interactive Fully Electrical Vehicles S.r.l.	15/02/2023	4482731	23706869.7	
4482772	SSM Schärer Schweiter Mettler AG	24/02/2023	4482772	23707361.4	German
4483083	GEMÜ Gebr. Müller Apparatebau GmbH & Co. Kommanditgesellschaft	20/02/2023	4483083	23707304.4	German
4483084	Minkels B.V. Legrand SNC Legrand France	29/12/2022	4483084	22840347.3	
4483096	Beilschmidt, Alfred	23/02/2023	4483096	23710960.8	German
4483626	Nokia Technologies Oy	17/02/2023	4483626	23706012.4	
4483974	Acushnet Company	27/06/2024	4483974	24184988.4	
4484027	Fives DMS	28/06/2024	4484027	24185414.0	French
4484289	Rolls-Royce plc	16/05/2024	4484289	24176285.5	
4484971	Bender GmbH & Co. KG	20/06/2024	4484971	24183323.5	German
4485118	Anker Innovations Technology Co., Ltd.	27/06/2024	4485118	24184980.1	
4485255	STMicroelectronics International N.V.	12/06/2024	4485255	24181574.5	
4485446	Siebling, Arne Werner Horst	25/06/2023	4485446	23181328.8	German
4486184	Comac S.p.A.	03/03/2023	4486184	23709642.5	
4486998	BETA Beratungs- und Beteiligungs-GmbH	13/03/2024	4486998	24716253.0	German
4487032	FLENDER Industriegetriebe GmbH	06/02/2023	4487032	23702616.6	German
4488112	Snoeks Automotive B.V.	28/05/2024	4488112	24178474.3	
4488162	Yamaha Hatsudoki Kabushiki Kaisha	13/06/2024	4488162	24181964.8	
4488465	rhtb: smartliving systems gmbh	01/07/2024	4488465	24185653.3	German
4488763	Fujifilm Business Innovation Corp.	26/02/2024	4488763	24159541.2	
4489073	SAMSUNG ELECTRONICS CO., LTD.	02/07/2024	4489073	24186005.5	
4489378	SCHNEIDER ELECTRIC INDUSTRIES SAS	06/07/2023	4489378	23306139.9	
4489603	BAE SYSTEMS plc	24/02/2023	4489603	23719049.1	
4489620	Wonderland Switzerland AG	09/03/2023	4489620	23712168.6	
4490260	Wheel-e S.r.l.	07/03/2023	4490260	23714827.5	
4490401	FCA US LLC	21/10/2022	4490401	22809583.2	
4490474	Metryx Ltd.	28/02/2023	4490474	23709137.6	
4490873	THALES DIS FRANCE SAS	10/03/2023	4490873	23710356.9	
4491504	AlfaWall Oceanbird AB	01/02/2022	4491504	24215155.3	
4492964	suiteg GmbH	17/03/2023	4492964	23712232.0	
4493888	Kineolabs, Inc.	15/03/2023	4493888	23716988.3	
4494212	The University Of Birmingham	07/03/2023	4494212	23711536.5	
4495092	Evonik Oxeno GmbH & Co. KG	20/07/2023	4495092	23186740.9	German
4495313	Qingdao Haier Washing Machine Co., Ltd. Haier Smart Home Co., Ltd.	01/03/2023	4495313	23769560.6	
4495440	PRATT & WHITNEY CANADA CORP.	19/07/2024	4495440	24189788.3	
4495737	Samsung Electronics Co., Ltd.	08/08/2019	4495737	24218202.0	
4496836	Perfat Technologies Oy	19/06/2023	4496836	23741437.0	
4496953	Sika Technology AG	14/03/2023	4496953	23710369.2	
4497609	Toyo Tire Corporation	11/07/2024	4497609	24187921.2	
4497908	MHWirth GmbH	08/03/2019	4497908	24219519.6	German
4497911	China Three Gorges Corporation China Three Gorges Construction Engineering Corporation	10/05/2024	4497911	24175180.9	
4497919	Hydroox Tech Corp, SL	28/07/2023	4497919	23382793.0	
4499022	Unilever Global IP Limited	21/03/2023	4499022	23712285.8	
4499463	Epiroc Rock Drills Aktiebolag	28/03/2022	4499463	22720794.1	
4499565	Prestige Italia S.P.A.	28/03/2023	4499565	23718053.4	
4499658	INVISTA Textiles (U.K.) Limited	28/07/2023	4499658	23754845.8	
4499737	Fujifilm Manufacturing Europe BV FUJIFILM Corporation	21/03/2023	4499737	23714651.9	
4499786	Dow Global Technologies LLC	30/03/2022	4499786	22718574.1	
4499865	Microsoft Technology Licensing, LLC	13/02/2023	4499865	23709022.0	
4500609	Volvo Truck Corporation	23/03/2023	4500609	23713658.5	
4501196	Techtronic Cordless GP	29/07/2024	4501196	24191376.3	
4501808	Merago B.V.	01/08/2023	4501808	23189006.2	

4504302	Università degli studi di Bergamo	21/03/2023	4504302	23712540.6	
4505436	Signify Holding B.V.	29/03/2023	4505436	23714756.6	
4506301	Italbedis S.r.l.	05/07/2024	4506301	24186849.6	
4507929	Stellantis Auto SAS	08/03/2023	4507929	23713708.8	French
4508260	CASALE SA	29/03/2023	4508260	23713688.2	
4508340	fischerwerke GmbH & Co. KG	29/03/2023	4508340	23715833.2	German
4508416	Max-Planck-Gesellschaft zur Förderung der Wissenschaften E. V.	04/04/2023	4508416	23715881.1	German
4508467	SAF TEHNIKA, AS	18/07/2024	4508467	24755680.6	
4509363	HELLA Saturnus Slovenija d.o.o.	14/08/2023	4509363	23191254.4	
4509657	Söllner, Jens Standfest, Nicolas	13/08/2024	4509657	24020266.3	German
4510884	L'OREAL SEB S.A.	19/04/2023	4510884	23720133.0	
4511510	10X Genomics, Inc.	15/08/2023	4511510	23765123.7	
4511792	Dolby Laboratories Licensing Corporation	08/03/2023	4511792	23714454.8	
4512195	Ofinno, LLC	20/04/2023	4512195	23724109.6	
4512876	Afton Chemical Corporation	26/06/2024	4512876	24184763.1	
4513241	Uniwersytet Warszawski	24/07/2024	4513241	24190760.9	
4514178	Paul Hettich GmbH & Co. KG	25/04/2023	4514178	23722508.1	German
4514183	LELIT S.R.L.	21/04/2023	4514183	23724387.8	
4514218	Cohere Medical, Inc.	07/04/2023	4514218	23722046.2	
4514548	TECNO ITALIA DIGITAL S.r.l.	26/04/2023	4514548	23726600.2	
4514740	ELAFLEX HIBY GmbH & Co. KG	20/04/2023	4514740	23719782.7	German
4515264	UNIVERSITE DE TECHNOLOGIE DE COMPIEGNE Safran Electrical & Power Centre National de la Recherche Scientifique (CNRS)	17/04/2023	4515264	23725283.8	French
4516669	Airbus Defence and Space GmbH	28/08/2023	4516669	23193753.3	
4516713	Lee, Kye-seol	13/09/2023	4516713	24219213.6	
4516824	Shenzhen BTR New Energy Technology Research Institute Co., Ltd.	04/08/2023	4516824	23866706.7	
4516878	Samsung Display Co., Ltd.	25/07/2024	4516878	24190812.8	
4517463	STMicroelectronics International N.V.	23/08/2024	4517463	24196147.3	
4517490	Meta Platforms, Inc.	30/05/2024	4517490	24179013.8	
4518063	Hauß-Technik GmbH & Co. KG	17/07/2019	4518063	25152068.0	German
4518722	Nardi S.p.A.	28/04/2023	4518722	23727884.1	
4519248	Heraeus Precious Metals GmbH & Co. KG	16/01/2023	4519248	23700838.8	German
4519402	Symrise AG	03/05/2022	4519402	22727792.8	
4519701	Commissariat à l'Energie Atomique et aux Energies Alternatives	02/05/2022	4519701	22748058.9	French
4519762	Microsoft Technology Licensing, LLC	22/02/2023	4519762	23711316.2	
4520409	Declercq, Johan	05/09/2023	4520409	23195288.8	
4521405	STMicroelectronics International N.V.	12/08/2024	4521405	24194079.0	
4522468	Brembo S.p.A.	10/05/2023	4522468	23729170.3	
4522540	Interroll Holding AG	29/07/2024	4522540	24751419.3	
4522892	Brembo S.p.A.	10/05/2023	4522892	23727097.0	
4522901	Siemens Mobility GmbH	22/06/2023	4522901	23739125.5	German
4523205	Luc, Francois	02/04/2023	4523205	23728597.8	French
4523448	Elisa Oyj	02/05/2023	4523448	23723222.8	
4524021	Yamaha Hatsudoki Kabushiki Kaisha	05/08/2024	4524021	24192875.3	
4524350	Carl Fuhr GmbH & Co. KG	25/07/2024	4524350	24190989.4	German
4524387	Rolls-Royce Solutions GmbH	08/08/2024	4524387	24193513.9	German
4525104	Aerostack GmbH	12/09/2024	4525104	24199894.7	German
4525574	Moxa Inc.	21/08/2024	4525574	24195607.7	
4526530	fischerwerke GmbH & Co. KG	02/05/2023	4526530	23724233.4	German
4529600	CASALE SA	22/05/2023	4529600	23729661.1	
4530800	HTC Corporation	24/04/2024	4530800	24172262.8	
4532845	Caterpillar Inc.	08/05/2023	4532845	23729211.5	
4532865	Pluseight Technology AB	24/05/2023	4532865	23729686.8	
4532870	Pluseight Technology AB	24/05/2023	4532870	23729687.6	

4534154	Sportstech Brands Holding GmbH	01/10/2024	4534154	24203988.1	German
4541285	Samsung Medison Co., Ltd.	20/02/2024	4541285	24158624.7	
4541380	Advanced Accelerator Applications S.A.	25/09/2018	4541380	25162391.4	
4541426	Cargill, Incorporated	21/03/2019	4541426	25154234.6	
4543647	Koninklijke Philips N.V.	16/05/2023	4543647	23727960.9	
4545100	Advanced Accelerator Applications S.A.	25/09/2018	4545100	25162394.8	
4545101	Advanced Accelerator Applications S.A.	25/09/2018	4545101	25162396.3	
4545449	SHANGHAI ORIGINCELL BIOLOGICAL CRYO EQUIPMENT CO., LTD.	02/06/2023	4545449	23866971.7	
4545925	Bollhoff Otalú S.A.S.	27/10/2023	4545925	23306873.3	
4546130	Elektrobit Automotive GmbH	24/10/2023	4546130	23205574.9	
4547742	Vito NV	12/08/2024	4547742	24755025.4	
4549796	Ubbink B.V.	31/10/2023	4549796	23206984.9	
4551116	Koninklijke Philips N.V.	04/07/2023	4551116	23738011.8	
4554228	Sun Patent Trust	07/08/2013	4554228	25166543.6	
4554880	Solystic	04/07/2023	4554880	23739192.5	French
4555377	Ignis Photonyx A/S	03/08/2023	4555377	23750630.8	
4556240	BROTHER KOGYO KABUSHIKI KAISHA	14/11/2023	4556240	23209648.7	
4558312	Equanostic AS	04/09/2023	4558312	23768006.1	
4558349	Mercedes-Benz Group AG	14/07/2023	4558349	23745111.7	German
4558902	International Business Machines Corporation	10/07/2023	4558902	23741351.3	
4559118	Nokia Technologies Oy	31/05/2024	4559118	24731263.0	
4559225	Telefonaktiebolaget LM Ericsson (publ)	10/07/2023	4559225	23742478.3	
4560303	VoltStorage GmbH	21/11/2023	4560303	23211079.1	
4560389	Commissariat à l'Energie Atomique et aux Energies Alternatives	06/11/2024	4560389	24211082.3	
4561418	EVOCA S.p.A.	27/07/2023	4561418	23758381.0	
4562816	Palo Alto Networks, Inc.	30/06/2023	4562816	23750799.1	
4563934	Shenzhen Smartsafe Tech Co., Ltd.	30/05/2024	4563934	24178971.8	
4566932	Nexans	08/11/2024	4566932	24306881.4	
4567011	Nippon Electric Glass Co., Ltd.	16/11/2017	4567011	25171881.3	
4567166	Sinotech Academy of Textile (Qingdao) Co., Ltd. Byherb Fiber Inc. Byherb Bigbio Technology (Qingdao) Co., Ltd. BYHERB FUTURE HEALTH TECHNOLOGY (QINGDAO) CO., LTD.	02/12/2024	4567166	24216803.7	
4568044	SAGEMCOM ENERGY & TELECOM SAS	05/12/2024	4568044	24217648.5	French
4570142	EVOCA S.p.A.	06/12/2024	4570142	24218121.2	
4573378	Bruker Switzerland AG	26/01/2024	4573378	24702345.0	
4574087	CADdata 3D GmbH	19/12/2023	4574087	23217864.0	German
4574437	KYOCERA Document Solutions Inc.	02/12/2024	4574437	24216744.3	
4575440	Minebea Mitsumi Inc.	18/10/2019	4575440	25174888.5	
4575862	Biosense Webster (Israel) Ltd.	19/12/2024	4575862	24221358.5	
4575953	Shanghai Hanshi Information Technology Co. Ltd.	10/07/2024	4575953	24187657.2	
4581659	Eldico Scientific AG	28/08/2023	4581659	23757973.5	
4581693	BRP-Rotax GmbH & Co. KG	31/08/2023	4581693	23765195.5	
4584207	DSI Micro Matic GmbH Vinservice Micro Matic S.r.l.	04/09/2023	4584207	23771758.2	
4584826	AVL List GmbH	26/11/2024	4584826	24826954.0	German
4584983	Telefonaktiebolaget LM Ericsson (publ)	06/09/2022	4584983	22783588.1	
4585538	BEUMER Group GmbH & Co. KG	10/01/2024	4585538	24151189.8	
4587706	Saes Getters S.p.A.	02/02/2024	4587706	24702387.2	German
4588616	Sporn, Chris	21/01/2025	4588616	25152980.6	
4589263	Leuze electronic GmbH + Co. KG	16/08/2024	4589263	24194839.7	German
4589881	Axis AB	17/01/2024	4589881	24152432.1	

4594028	SMS group GmbH	17/12/2024	4594028	24829483.7	German
4594452	Evonik Operations GmbH	13/12/2024	4594452	24828782.3	
4594639	Koninklijke Philips N.V.	18/09/2023	4594639	23772842.3	
4599031	Evonik Operations GmbH	13/12/2024	4599031	24827749.3	
4599522	Ciena Corporation	13/11/2024	4599522	24821189.8	German
4601586	Otto Bock Healthcare Products GmbH	09/10/2023	4601586	23789525.5	
4605770	Brainlab SE	12/01/2024	4605770	24700914.5	
4643101	Szabó, Ervin	04/07/2024	4643101	24783341.1	

Withdrawn – Section 33(1)

20240713	Int. Cl. (2025.01) G06T 7/00; G01N 21/00; G05B 13/00 . A MACHINE VISION INSPECTION APPARATUS. VISKA AUTOMATION SYSTEMS LIMITED
20250144	Int. Cl. (2025.01) A01F 15/00; A01D 89/00 . SILAGE PRODUCTION APPARATUS. KEVIN O'KANE
20250244	Int. Cl. (2025.01) B62K 5/00; B62K 3/00; B62M 1/00; B62K 21/00; B62K 15/00 . A MOBILITY DEVICE. SWANMOTION LIMITED

Deemed to have been Withdrawn - Section 23(9)

S20240700	Window or door Modular Surround or System. LOFTUS, SEAN JOSEPH; GIBLIN, JAMES PATRICK
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Refused - Section 31(1)

20230450	Int. Cl. (2025.01) E04D 1/00 . Slate Retaining Device and Method of Retaining a Slate on a Structure. GREENPOLLY LIMITED
S20250225	Lumana - An AI-powered Holographic Communication Device. WAQAS UDDIN JAMAL
20250235	AI-Based System and Method for Dynamic Electricity and Gas Pricing Using Real-Time Grid Data and Machine Learning. INTEC LD HOLDINGS LIMITED
S20250238	System and Method for Interactive Digital Vehicle Service Logging and Booking. SEAN CUSACK
20250243	System for Enhanced Detection of Golf Balls Using Optical Filtering, Fluorescent Pigmentation, and Optional UV Illumination. ROBERT THOMPSON
S20250267	Multifunctional Biotech Platform for Targeted Subcutaneous Delivery of Synergistic Compounds. REGENAGE PHARMA GLOBAL OPERATIONS LTD
S20250274	Autonomous, Verifiable, and Intelligent Distributed File System. EWERTON ISNAR GOMES FRAGA

Request for Grant of Supplementary Protection Certificate

The name and address of the requestor follow the number allocated to the request. The date in brackets following the name and address is the date of receipt of the request. The Patent number is that under which the product in respect of which a certificate is sought is, allegedly, protected. Market Authorisation references in respect of the product concerned are also shown.

- 2025043** VERTEX PHARMACEUTICALS INCORPORATED, 50 Northern Avenue Boston, Massachusetts 02210, United States of America
(02 December 2025)
Patent No: 3752510; MACROCYCLES AS MODULATORS OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR, PHARMACEUTICAL COMPOSITIONS THEREOF, THEIR USE IN THE TREATMENT OF CYCSTIC FIBROSIS, AND PROCESS FOR MAKING THEM
Product: Vanzacaftor, or a pharmaceutically acceptable salt thereof, preferably a calcium salt thereof.
Market Authorisation: Ireland EU/1/25/1943, 01/07/2025
European Union EU/1/25/1943, 01/07/2025
- 2025044** VERTEX PHARMACEUTICALS INCORPORATED, 50 Northern Avenue Boston, Massachusetts 02210, United States of America
(02 December 2025)
Patent No: 3880197; METHODS OF TREATMENT FOR CYSTIC FIBROSIS
Product: A combination of (a) vanzacaftor or a pharmaceutically acceptable salt thereof, preferably a calcium salt thereof, (b) tezacaftor or a pharmaceutically acceptable salt thereof, and (c) deutivacaftor or a pharmaceutically acceptable salt thereof
Market Authorisation: Ireland EU/1/25/1943, 01/07/2025
European Union EU/1/25/1943, 01/07/2025
- 2025045** GENMAB A/S, Carl Jacobsens Vej 30, DK-2500 Valby, Denmark
(03 December 2025)
Patent No: 4249515; HUMANIZED OR CHIMERIC CD3 ANTIBODIES
Product: epcoritamab
Market Authorisation: Ireland EU/1/23/1759, 22/09/2023
European Union EU/1/23/1759, 22/09/2023
- 2025046** ZYMEWORKS BC INC., Suite 800 - 114 East 4th Avenue, Vancouver, BC V5T 1G4, Canada
(03 December 2025)
Patent No: 3074424; BISPECIFIC ANTIGEN-BINDING CONSTRUCTS TARGETING HER2
Product: zanidatamab
Market Authorisation: Ireland EU/1/25/1931, 30/06/2025
European Union EU/1/25/1931, 30/06/2025
- 2025047** ITALFARMACO S.P.A., Viale F. Testi, 330, 20126 Milano, Italy
(05 December 2025)
Patent No: 3370697; PHYSICALLY AND CHEMICALLY STABLE ORAL SUSPENSIONS OF GIVINOSTAT
Product: DUVYZAT-givinostat
Market Authorisation: Ireland EU/1/25/1930, 06/06/2025
European Union EU/1/25/1930, 06/06/2025

Supplementary Protection Certificates Granted

The name and address of the grantee follows the number allocated to the application for grant of a certificate; this number applies also to the granted certificate. The date in brackets following the name and address is the date of grant of the certificate. The number of the basic Patent and the title of the invention are followed by the name of the product for which the certificate is granted. Market authorisation references in respect of the product concerned are also shown, followed by the date of expiry of the certificate.

2022012 ALKERMES PHARMA IRELAND LIMITED, Connaught House 1 Burlington
Road, Dublin 4, Ireland
(01/12/2025)
Patent No: 2970101; PRODRUGS OF FUMARATES AND THEIR USE IN
TREATING VARIOUS DESEASES
Product: diroximel fumarate
Market Authorisation: Ireland EU/1/21/1585/001 and EU/1/21/1585/002,
15/11/2021
Switzerland 68066, 20/09/2021
Certificate Expires on: 19/09/2036

Patents Expired

84432	Int. Cl. (2025.01) G06F 17/00 . A data management system. Codec-dss Limited
84801	Int. Cl. (2025.01) G06F 11/00 . Method to chain events in a system event log. DELL PRODUCTS LP
84877	Int. Cl. (2025.01) G06F 9/00; H04L 29/02; H04L 29/12 . System and method for information handling system image network communication. DELL PRODUCTS LP
85271	Int. Cl. (2025.01) G06F 9/00; H04L 29/02; H04L 29/12 . System and method for information handling system image network communication. DELL PRODUCTS LP
85561	Int. Cl. (2025.01) E01F 15/00; E04H 17/00 . Parapet. HILL & SMITH LIMITED
85778	Int. Cl. (2025.01) B32B 5/00; B32B 37/00 B29C 44/00; E04B 1/00 . Manufacturing a rigid polymeric insulating foam board. KINGSPAN RESEARCH AND DEVELOPMENTS LIMITED
86297	Int. Cl. (2025.01) E04C 2/00; E04B 1/00 . Construction of a concrete panel. JOHN KEEGAN
S86652	Int. Cl. (2025.01) F24H 1/00; F24H 9/00 . An improved boiler heating system. FIREBIRD HEATING SOLUTIONS LTD

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- 1647242 Prosthetic acetabular cups. Stryker European Operations Limited
- 1648128 Selective scrambler for use in a communication system and method to minimize bit error at the receiver. Microchip Technology Incorporated
- 1649867 Stable thrombin composition. Grifols, S.A.
- 1650926 Automatically granting root access to administrators, without requiring the root password. EMC Corporation
- 1652794 Roller track. Creform Corporation
- 1652937 Diagnostic test fo collie eye anomaly. CORNELL RESEARCH FOUNDATION, INC.
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- 1657794 End closing for cable or tubing. gabo Systemtechnik GmbH
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- 1661845 Hoisting gear and method for using the hoisting gear. M.A.T. Malmedie Antriebstechnik GmbH
- 1662630 Connecting sleeve. gabo Systemtechnik GmbH
- 1677214 Extensible file system. Microsoft Technology Licensing, LLC
- 1683375 METHOD FOR ROUTING SMS MESSAGES USING AN INTELLIGENT ROUTING NODE. Intleacht Limited
- 1692281 IDENTIFICATION OF A JAK2 MUTATION IN POLYCYTHEMIA VERA. UNIVERSITÉ PARIS-SACLAY; INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM); INSTITUT GUSTAVE ROUSSY; ASSISTANCE PUBLIQUE - HÔPITAUX DE PARIS; UNIVERSITÉ DE VERSAILLES SAINT-QUENTIN-EN-YVELINES
- 1693137 Thermal deburring machine. SGM S.R.L.
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- 1768490 SYSTEMS AND METHODS FOR EX-VIVO ORGAN CARE. Transmedics, Inc.
- 1774972 Use of selenium yeasts in the treatment of Alzheimers disease. Alltech, Inc.
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- 1788784 Unified directory and presence system. Accenture Global Services Limited
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- 1790701 IR-absorbing intaglio ink. SICPA HOLDING SA
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- 1797186 EXPRESSION SYSTEM, COMPONENTS THEREOF AND METHODS OF USE. NATIONAL RESEARCH COUNCIL OF CANADA
- 1797541 CARGO SECURITY SENSING SYSTEM. Accenture Global Services Limited
- 1799201 4-HYDROXY TAMOXIFEN GEL FORMULATIONS. Besins Healthcare Luxembourg SARL
- 1799204 COMPOSITION CONTAINING OMEGA-3 FATTY ACIDS AND OMEGA-6 FATTY ACIDS. Dr. GERHARD MANN chem.-pharm. Fabrik GmbH
- 1799599 LOADING ASSEMBLY FOR TRANSPORT CONTAINERS. Advanced Steel Recovery, LLC
- 1802193 METHOD FOR GENERATING A MOUSE HOMOZYGOUS FOR A GENETIC MODIFICATION. REGENERON PHARMACEUTICALS, INC.
- 1802198 Synergistic fungicidal compositions. Syngenta Crop Protection A.G.
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- 1802340 COMBINATION OF A RECOMBINANT MYCOBACTERIUM AND
A BIOLOGICALLY ACTIVE AGENT AS A VACCINE. Vakzine
Projekt Management GmbH
- 1802344 ANTIBODY FORMULATION IN HISTIDINE-ACETATE BUFFER.
Genentech, Inc.
- 1802383 REDUCED APERTURE BIOLOGICAL SPECIMEN COLLECTION
AND TRANSFER DEVICE. CYTYC CORPORATION
- 1802579 Derivatives of 3-arylamino-pyridine. Merck Serono SA
- 1802635 Heteroatoms-containing tricyclic compounds. MEDA Pharma S.à.r.l.
- 1802707 APROTIC POLYMER/MOLTEN SALT TERNARY MIXTURE
SOLVENT, METHOD FOR THE PRODUCTION AND USE THEREOF
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- 1802827 Separate tongue for a floor panel, a floor panel with a separate tongue
and a tongue blank with tongues for floor panels. Välinge Innovation AB
- 1802842 DEVICE WITH A DRUM WITH A DRIVE MOTOR MOUNTED
THEREIN. DYNACO EUROPE NV
- 1802945 GRAVIMETRIC METERING DEVICE FOR BULK PRODUCTS.
FLSmidth Cement A/S
- 1802981 EXPRESSION PROFILING PLATFORM TECHNOLOGY.
Biosystems Immunolab Zártkörűen Működő Részvénytársaság
- 1803174 METHOD OF FORMING A LIGHT EMITTING DEVICE
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- 1804729 MODULAR HUMERAL PROSTHESIS FOR AN INVERSE
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David; LaFosse, Laurent; Depuy (Ireland) Limited
- 1804888 BARIATRIC DEVICE. BFKW, LLC
- 1804977 METHOD AND APPARATUS FOR COATING STENTS. SurModics,
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- 1805683 DATA COLLECTION DEVICE, SYSTEM, METHOD, AND
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- 1805731 MONEY HANDLING UNIT PROVIDED WITH A REMOVABLE
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- 1806136 MEDICINAL COMPOSITION FOR PREVENTION OF
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- 1806978 STEREOSELECTIVE PREPARATION OF GAMMA-LACTONES.
V. Mane Fils
- 1806979 GAMMA-UNDECENOLACTONE, METHOD FOR THE
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- 1807009 STEPPED CANNULA. GENZYME CORPORATION; The Regents of
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- 1807114 BIOADHESIVE COMPOSITION WITH PROGRAMMED
RELEASE. Interpharm Development SA
- 1807188 IMPROVED PRODUCT FOR TRANSFORMATION OF A TOXIC
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- 1807253 METHOD TO PRODUCE STRETCHABLE PRODUCTS. Tamicare
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- 1807573 DRAINED BARRIER. ABG Limited
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S.A.
- 1809237 OPHTHALMIC OIL-IN-WATER TYPE EMULSION WITH STABLE
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- 1809280 MITOTIC KINESIN INHIBITORS AND METHODS OF USE
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Represented by the Secretary, Department
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- 1809361 CUTTING BALLOON CATHETER HAVING A SEGMENTED
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AIRPOWER, NAAMLOZE VENNOOTSCHAP
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- 1809817 METHOD FOR SATURATING CAVITIES PRESENT IN A MASS
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- 1809991 METHOD FOR DETERMINING THE INTEGRITY OF A PRODUCT
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- 1809993 TESTING THE INTEGRITY OF PRODUCTS IN CONTAINERS.
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- 1810425 METHOD AND APPARATUS FOR DERIVING TRANSMISSION
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- 1810523 METHOD AND PRODUCTS FOR ALIGNING DATA BETWEEN A
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- 1811995 A TRANSMUCOSAL VETERINARY COMPOSITION
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- 1812005 LACTAM COMPOUNDS AND THEIR USE AS
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- 1819275 SAMPLE TUBE FOR RECEIVING BODY FLUIDS,
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- 1819284 SAFETY SCALPEL. MEDIPURPOSE PTE. LTD.
- 1819525 SECURITY ELEMENT HAVING A VIEWING-ANGLE
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- 1820244 SINGLE-MODE PHOTONIC-CRYSTAL VCSELS. Alight Photonics
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- 1824545 ENDOBRONCHIAL BLOCKING DEVICE HAVING A
REPLACEABLE SNARE. Cook Medical Technologies LLC
- 1824620 DEVICE FOR CORRECTING DAMAGED VEHICLE BODY
SHEETS. Sodini, Dino
- 1824988 SITE-DIRECTED MODIFICATION OF FVIII. Bayer HealthCare LLC
- 1824991 DEVICE AND METHOD FOR DETECTION OF ANALYTES.
TechLab, Inc.
- 1825443 USER-SPECIFIC DISPENSING SYSTEM. Vend4Me LLC
- 1827101 COMBINATION OF IMMUNO GENE THERAPY AND
CHEMOTHERAPY FOR TREATMENT OF CANCER AND
HYPERPROLIFERATIVE DISEASES. Egen, Inc.
- 1827251 VASO-OCCLUSIVE DEVICES COMPRISING COMPLEX-SHAPE
PROXIMAL PORTION AND SMALLER DIAMETER DISTAL
PORTION. Stryker Corporation; Stryker European Operations Limited
- 1827253 A BURR GUIDE ASSEMBLY. Depuy International Limited
- 1827396 ORAL MEDICAMENT FOR THE MODIFIED RELEASE OF AT
LEAST ONE ACTIVE PRINCIPLE, IN MULTIMICROCAPSULE
FORM. Flamel Ireland Limited
- 1827550 CATHETER INCLUDING A COMPLIANT BALLOON. Boston
Scientific Limited
- 1827598 METHOD AND APPARATUS FOR HEARTBEAT ALIGNMENT
AND COMPARISON. Cameron Health, Inc.
- 1827691 CHROMATOGRAPHY MATRIX. Cytiva BioProcess R&D AB
- 1827718 METHOD FOR REDUCING THE AMOUNT OF MIGRATEABLES
OF POLYMER COATINGS. DSM IP Assets B.V.
- 1828813 POLYMERIZABLE SURFACTANTS AND THEIR USE AS DEVICE
FORMING COMONOMERS. BAUSCH & LOMB INCORPORATED
- 1828933 METHOD AND SYSTEM FOR DYNAMIC MANAGEMENT OF
KNOWLEDGE. Bourquin, François
-

- 1828941 DEVICE FOR PROCESSING FORMALLY DEFINED DATA.
Sinalys
- 1829255 OPEN-LOOP RATE CONTROL FOR A TDD COMMUNICATION
SYSTEM. Qualcomm Incorporated
- 1829262 CLOSED-LOOP RATE CONTROL FOR A MIMO
COMMUNICATION SYSTEM. QUALCOMM Incorporated
- 1830718 EMBOLIC COILS. Boston Scientific Limited
- 1830918 APPARATUS FOR SUBCUTANEOUS ELECTRODE INSERTION.
Cameron Health, Inc.
- 1830928 SYSTEM, IN PARTICULAR, FIRE-FIGHTING SYSTEM WITH
VALVES. Phoenix Firefighting Technologies SA
- 1831239 A PROCESS FOR THE PREPARATION OF 17-HYDROXY-6 BETA,
7 BETA, 15 BETA, 16 BETA -BISMETHYLENE-17 ALPHA-PREGN-
4-ENE-3-ONE-21-CARBOXYLIC ACID GAMMA-LACTONE AND
KEY-INTERMEDIATES FOR THIS PROCESS. Richter Gedeon Nyrt.
- 1833386 A DRILL GUIDE ASSEMBLY. Depuy International Limited
- 1833425 SENSING DELIVERY SYSTEM FOR INTRALUMINAL MEDICAL
DEVICES. Cook Incorporated
- 1833462 PHARMACEUTICAL MANUFACTURING PROCESS FOR HEAT
STERILISED GLUCOCORTICOID SUSPENSIONS. NORTON
HEALTHCARE LIMITED
- 1833670 THERMOFORMABLE MULTILAYER FILM. Schur Flexibles Dixie
GmbH
- 1836298 COMPOSITIONS OF AMINOACYL-tRNA SYNTHETASE AND
USES THEREOF. AMBRX, INC.
- 1836629 PREDICTING RESPONSE TO CHEMOTHERAPY USING GENE
EXPRESSION MARKERS. NSABP Foundation, Inc.; Genomic Health,
Inc.
- 1836665 METHOD FOR CUSTOMIZED DISPENSING OF VARIABLE
DOSE DRUG COMBINATION PRODUCTS FOR INDIVIDUALIZING
OF THERAPIES. GlaxoSmithKline LLC
- 1837019 ORALLY-DISPERSIBLE PHARMACEUTICAL COMPOSITIONS.
ITF RESEARCH PHARMA, S.L.U.
- 1838683 A PROCESS FOR THE PREPARATION [1,4,5]-OXADIAZEPINE
DERIVATIVES. Syngenta Participations AG
- 1839032 AN IMAGER. M SQUARED LASERS LIMITED
-

- 1841849 METHODS OF INHIBITING THE ADHERENCE OF LENSES TO SURFACES DURING THEIR MANUFACTURE. Johnson and Johnson Vision Care, Inc.
- 1849166 METHOD FOR PRODUCING A MULTIELECTRODE LEAD. ADVANCED NEUROMODULATION SYSTEMS, INC.
- 1851997 NEAR-TRANSPARENT OR TRANSPARENT MULTI-CHANNEL ENCODER/DECODER SCHEME. Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
- 1853427 PRINTING PLASTIC CONTAINERS WITH DIGITAL IMAGES. Plastipak Packaging Inc.
- 1855759 SYSTEM FOR ULTRASOUND TISSUE TREATMENT. Guided Therapy Systems, L.L.C.
- 1859077 A SYSTEM AND A METHOD FOR THE PRODUCTION OF MICRO-ELECTRO-MECHANICAL SYSTEMS. Primaxx, Inc.
- 1866110 INVESTMENT CASTING MOLD AND METHOD OF MANUFACTURE. Buntrock Industries, Inc.
- 1868598 A NEW DOSING REGIMEN FOR ION CHANNEL MODULATING COMPOUNDS FOR TREATING ACUTE ATRIAL FIBRILLATION IN A HUMAN. Cardiome International AG
- 1871479 SYSTEM FOR CONTROLLED THERMAL TREATMENT OF HUMAN SUPERFICIAL TISSUE. Guided Therapy Systems, L.L.C.
- 1877219 Method for maintaining a hard, smooth floor surface comprising a polymer material. Twister Cleaning Technology AB
- 1888271 INVESTMENT CASTING SHELLS AND COMPOSITIONS INCLUDING RICE HULL ASH. Buntrock Industries, Inc.
- 1900850 PHOTOELECTROCHEMICAL METHOD OF SEPARATING WATER INTO HYDROGEN AND OXYGEN, USING MELANINS AS THE CENTRAL ELECTROLYSING ELEMENT. Solis Herrera, Arturo
- 1934252 PROCESS FOR THE PREPARATION OF INSULIN CONJUGATES.. Biocon Limited
- 1937824 COMPOSITIONS OF tRNA AND USES THEREOF. Ambrx, Inc.
- 1939217 Plasmids coding for p185neu protein sequence variants and therapeutic uses thereof. Amici, Augusto; Marchini, Cristina; Quaglino, Elena; Cavallo, Federica; Forni, Guido
-

1945228	SULFOALKYL ETHER CYCLODEXTRIN COMPOSITIONS AND METHODS OF PREPARATION THEREOF. CyDex Pharmaceuticals, Inc.
1954583	A CHILD-PROOF CAPSULE WITH A SYRINGE DOSER. BORMIOLI PHARMA S.p.A.
1957415	PRODUCT FOR THE TREATMENT OF WASTEWATERS AND SEWAGE. BBA ECOTECH SRL
1972345	FOOD PRODUCT FOR ENTERAL OR ORAL NUTRITION. Vegenat Healthcare, SL
1972346	PROTEIN MIXTURE AND USE THEREOF IN THE PREPARATION OF A PRODUCT THAT IS INTENDED FOR ORAL OR ENTERAL FOOD. Vegenat Healthcare, SL
2161260	Semisynthesis process for the preparation of 10 deacetyl-n-debenzoyl-paclitaxel. INDENA S.p.A.
2174653	Dry powder inhaler formulations comprising surface-modified particles with anti-adherent additives. Vectura Limited
2204949	END-TO-END TEST AND DIAGNOSTIC MANAGER AS WELL AS CORRESPONDING SYSTEM AND METHOD. Accenture Global Services Limited
2213725	Animal protein-free media for cultivation of cells. Takeda Pharmaceutical Company Limited
2251330	4-Hydroxybenzomorphans. RENSSELAER POLYTECHNIC INSTITUTE
2254393	Light emitting device including semiconductor nanocrystals. MASSACHUSETTS INSTITUTE OF TECHNOLOGY
2261714	Optical fiber drop terminal. ADC Telecommunications, Inc.
2272517	ORTHO -CONDENSED PYRIDINE AND PYRIMIDINE DERIVATIVES (E.G. PURINES) AS PROTEIN KINASES INHIBITORS. Astex Therapeutics Limited; The Institute of Cancer Research: Royal Cancer Hospital; Cancer Research Technology Limited
2279699	Method for non-invasive cosmetic enhancement of cellulite. Guided Therapy Systems, L.L.C.
2292379	A method for cleaning a polished hard floor surface of stone or stone-like material. Twister Cleaning Technology AB
2296326	Route selection in wireless networks. INTERDIGITAL CE PATENT HOLDINGS
2325206	FC VARIANTS WITH ALTERED BINDING TO FCRN. Xencor, Inc.

2325207	FC variants with altered binding to FCRN. Xencor, Inc.
2335707	Sulfoalkyl ether cyclodextrin compositions and methods of preparation thereof. CyDex Pharmaceuticals, Inc.
2371856	Site-directed modification of FVIII. Bayer HealthCare LLC
2375584	CLOSED-LOOP RATE CONTROL FOR A MIMO COMMUNICATION SYSTEM. Qualcomm Incorporated
2407127	Atraumatic stent with reduced deployment force. Boston Scientific Scimed, Inc.
2409728	System for ultrasound tissue treatment. Guided Therapy Systems, L.L.C.
2409731	System for controlled thermal treatment of human superficial tissue. Guided Therapy Systems, L.L.C.
2431430	THE USE OF MICRONIZED WOOD PRESERVATIVE FORMULATIONS IN ORGANIC CARRIERS. Koppers Performance Chemicals Inc.
2438948	Tubular rotator for a medicament injection device, and medicament injection device. SHL Medical AG
2502983	ARTHROSPIRA-BASED COMPOSITIONS AND USES THEREOF. Biovite Australia Pty Ltd
2561905	Apparatus for renal neuromodulation. Medtronic Ardian Luxembourg S.à.r.l.
2581078	Sulfoalkyl ether cyclodextrin compositions and methods of preparation thereof. Cydex Pharmaceuticals, Inc.
2583668	Sulfoalkyl ether cyclodextrin compositions and methods of preparation thereof. CyDex Pharmaceuticals, Inc.
2586456	Remodeling and glycopegylation of fibroblast growth factor (FGF). 89 Bio Ltd.
2684579	Bariatric device. BFKW, LLC
2767161	Method for generating an non-human animal homozygous for a genetic modification. Regeneron Pharmaceuticals, Inc.
2808384	Modulation of replicative fitness by using less frequently used synonymous codons. The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services
2845613	Apparatus for sealing a vascular puncture. Incept, LLC

2918286	PHARMACEUTICAL PREPARATION CONTAINING INSULIN IN CRYSTALLINE AS WELL AS IN SOLUBILIZED FORM. Novo Nordisk A/S
2952197	SULFOALKYL ETHER CYCLODEXTRIN COMPOSITIONS AND METHODS OF PREPARATION THEREOF. CyDex Pharmaceuticals, Inc.
3056492	MEGLUMINE SALT AND CRYSTALLINE FORMS THEREOF OF A DRUG (DELAFLORACIN). AbbVie Inc.
3153205	CATHETER INCLUDING A COMPLIANT BALLOON. Boston Scientific Medical Device Limited
3287170	SYSTEM FOR CONTROLLED THERMAL TREATMENT OF HUMAN SUPERFICIAL TISSUE. Guided Therapy Systems, L.L.C.
3295990	PULMONARY OCCLUSAL STENT DELIVERY CATHETER. Pulmonx
3305369	SYSTEM FOR ULTRASOUND TISSUE TREATMENT. Guided Therapy Systems, L.L.C.
3312272	MODULATION OF REPLICATIVE FITNESS BY USING LESS FREQUENTLY USED SYNONYMOUS CODONS. The Government of The United States of America as represented by The Secretary of The Department of Health and Human Services
3428191	B7-H1 AND PD-1 IN TREATMENT OF RENAL CELL CARCINOMA. Mayo Foundation for Medical Education and Research
3446701	PHARMACEUTICAL COMPOSITIONS COMPRISING BOTULINUM NEUROTOXIN. Ipsen Biopharm Limited
3459467	APPARATUS FOR SEALING A VASCULAR PUNCTURE. Access Closure, Inc.
3636097	REEL BASED CLOSURE SYSTEM. Boa Technology, Inc.

Renewal of Designs Registered under the Industrial Designs Act, 2001

Registrations renewed for 2nd period of 5 Years

Design number	Class
23247	25.02

Iris um Oifig Maoine Intleachtúla na hÉireann
Journal of the Intellectual Property Office of Ireland
Cuid II
Trádmharcanna

No. 2558**Wednesday, 31 December, 2025**

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 the following date:
Thursday 1st January 2026

Written Statement of the Grounds of a Decision – Open to public inspection.

Trade Mark Nos. 263829 263831

Decision following opposition

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.

Wish you had

273594 08 August 2025

Class 39. Airline transport.

JOHN DOHERTY, 41 LARCHFIELD, STATION ROAD, DUNBOYNE CO. MEATH A86CF72, Ireland. Address for service is c/o JOHN DOHERTY, 41 LARCHFIELD, STATION ROAD, DUNBOYNE CO. MEATH A86CF72, Ireland.



273595 09 June 2025

Class 9. Optical reflectors; Optical glasses.

Class 25. Sportswear; Clothing.

Class 28. Sportballs; Golf balls.

Robert Thompson, 6 The Avenue Semple Woods, Donabate, Dublin K36HC98, Ireland. Address for service is c/o Robert Thompson, 6 The Avenue Semple Woods, Donabate, Dublin K36HC98, Ireland.

Board Excellence FiveR Framework

273596 03 June 2025

Class 41. Education and instruction services, specifically related governance and board education.

Board Excellence Ltd, Shanendoah, Lahardane, Whites Cross, Cork, Ireland. Address for service is c/o Board Excellence Ltd, Shanendoah, Lahardane, Whites Cross, Cork, Ireland.

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



273597 30 July 2025

Class 35. Merchandising.

Class 41. Night clubs.

DISTICT EIGHT EVENT PROMOTERS LTD, 31 Fitzwilliam Square South, Dublin D02 F403, Ireland. Address for service is c/o DISTICT EIGHT EVENT PROMOTERS LTD, c/o Fernando Martin, 79, Block B. Smithfield Market, D7 D07PH92, Ireland.

ANIYA

273598 06 August 2025

Class 25. Women's clothing; Men's clothing; Children's clothing; Clothing; Denims [clothing]; Casual clothing; Tops [clothing]; Bottoms [clothing]; Jogging bottoms [clothing]; Athletic clothing; Knitted clothing; Shorts [clothing]; Linen clothing; Ladies' clothing; Silk clothing; Capes (clothing); Woolen clothing; Cashmere clothing; Sports clothing; Woven clothing; Hoods [clothing]; Gabardines [clothing]; Jackets [clothing]; Jerseys [clothing]; Knitwear [clothing]; Jogging sets [clothing]; Ready-made clothing; Ready-to-wear clothing; Clothing of imitations of leather; Leather (Clothing of imitations of -); Clothing made of imitation leather; Clothes for sports; Jumpers; Jumpers [pullovers]; Jumpers [sweaters]; Polo neck jumpers; Clothes; Sweaters; Cashmere sweaters; Woollen sweaters; Polo sweaters; Turtleneck sweaters; Mock turtleneck sweaters; V-neck sweaters; Crew neck sweaters; Cardigans; Blazers; Blouses; Tops; Fleece tops;

Knit tops; Knitted tops; Hooded tops; Turtleneck tops; Baselayer tops; Crop tops; Jogging tops; Yoga tops; Polo knit tops; Dresses; Evening dresses; Cocktail dresses; Jumper dresses; Pinafore dresses; Wedding dresses; Bridesmaid dresses; Tennis dresses; Ladies' dresses; Leather dresses; Shift dresses; Imitation leather dresses; Dresses for evening wear; Jackets; Bed jackets; Denim jackets; Fur jackets; Leather jackets; Blouson jackets; Sports jackets; Padded jackets; Riding jackets; Ski jackets; Heavy jackets; Dinner jackets; Sweat jackets; Knit jackets; Long jackets; Sleeveless jackets; Sleeved jackets; Snowboard jackets; Stuff jackets; Down jackets; Rainproof jackets; Waterproof jackets; Wind jackets; Rain jackets; Windproof jackets; Weatherproof jackets; Wind-jackets; Shell jackets; Fleece jackets; Bomber jackets; Reversible jackets; Camouflage jackets; Suede jackets; Polar fleece jackets; Light-reflecting jackets; Quilted jackets [clothing]; Fur coats and jackets; Coats; Frock coats; Heavy coats; Sport coats; Down coats; Trench coats; Rain coats; Denim coats; Wind coats; Cotton coats; Winter coats; Suit coats; Fur coats; Evening coats; Leather coats; Coats made of cotton; Pantsuits; Dress pants; Corduroy pants; Jogging pants; Sweat pants; Track pants; Denim pants; Leather pants; Sports pants; Chino pants; Stretch pants; Camouflage pants; Wind pants; Yoga pants; Cargo pants; Lounge pants; Capri pants; Jeans; Denim jeans;

Blue jeans; Trousers; Corduroy trousers; Short trousers; Casual trousers; Leggings [trousers]; Trousers of leather; Pyjamas; Nighties; Nightwear; Nightgowns; Nightshirts; Nightdresses; Dressing gowns; Night gowns; Evening gowns; Underwear and nightwear; Footwear; Casual footwear; Leisure footwear; Beach footwear; Infants' footwear; Climbing footwear; Athletic footwear; Trainers [footwear]; Athletics footwear; Sports footwear; Footwear soles; Ladies' footwear; Pumps [footwear]; Footwear for sports; Footwear for snowboarding; Footwear for men; Footwear for women; Footwear for track and field athletics.

Class 35. Wholesale services in relation to fabrics; Design of advertising logos; Rental of signs for advertising purposes; Rental of yard signs for advertising purposes; Wholesale services relating to clothing; Retail services relating to clothing; Online retail services relating to clothing; Online retail store services relating to clothing; Advertising services relating to clothing; Retail services connected with the sale of clothing and clothing accessories; Wholesale services in relation to clothing; Retail services in relation to clothing; Retail services in relation to clothing accessories; Online retail store services in relation to clothing; Mail order retail services for clothing; Mail order retail services for clothing accessories; Retail store services in the field of clothing; Mail order retail services connected with

clothing accessories; Retail of third-party pre-paid cards for the purchase of clothing; Retail services relating to jewelry; Online retail services relating to jewelry; Business management of retail outlets; Business management of wholesale and retail outlets; Retail services in relation to headgear; Retail services in relation to jewellery; Retail services in relation to footwear; Wholesale services in relation to footwear; Retail services in relation to bags; Retail services in relation to luggage; Retail shop window display arrangement services; Retail services relating to home textiles; Retail services relating to fake furs; Retail services relating to sporting goods; Online retail services relating to handbags; Online retail services relating to luggage; Retail services in relation to fashion accessories; Retail services in relation to hair products; Presentation of goods on communications media, for retail purposes; Presentation of goods on communication media, for retail purposes; Communication media (Presentation of goods on -), for retail purposes; Retail purposes (Presentation of goods on communication media, for -); Presentation of financial products on communication media, for retail purposes; Retail services connected with the sale of subscription boxes containing cosmetics; Administration of the business affairs of retail stores; Production of advertising materials; Distribution of publicity materials, namely, flyers, prospectuses, brochures,

samples, particularly for catalogue long distance sales [whether crossborder or not]; Distribution of publicity materials (flyers, prospectuses, brochures, samples, particularly for catalogue long distance sales) whether cross border or not.

Mohammad Usman Sattar, Rampark, Castlerea, Roscommon, Ireland. Address for service is c/o Mohammad Usman Sattar, Rampark, Castlerea, Roscommon, Ireland.

Biscuit Factory Games

273599 05 August 2025

Class 9. Computer games; Games software; Computer games programs; Computer games software; Video games cartridges; Video games software; Downloadable computer games; Computer games entertainment software; Computer games programmes [software]; Computer games programs [software]; Games cartridges for use with electronic games apparatus; Computer programmes for playing games; Computer programs for playing games; Software programs for video games; Video games programs [computer software]; Computer programs for pre-recorded games; Games software for use with computers; Video games on disc [computer software];

Computer programs for video and computer games; Programmed video games contained on cartridges [software]; Interactive entertainment computer software for video games; 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; Electronic publications, downloadable, relating to games and gaming; Electronic publications featuring games.

- Class 28. Games; Board games; Boards games; Card games; Building games; Cards [games]; Dart games; Quiz games; Checkers games; Educational games; Party games; Electronic games; Dice games; Arcade games; Games consoles; Mechanical games; Memory games; Computer games apparatus; Electronic board games; Handheld electronic games; Apparatus for games; Table-top games; Automatic electronic games; Role playing games; Role play games; Handheld computer games; Toys, games, and playthings; Electronic educational teaching games; Hand-held electronic games; Trading cards for games; Hand-held computer games; Skill and action games; Joysticks for video games; Hand-held electronic video games; Apparatus for playing electronic games; Games relating to fictional characters; Free-standing video games apparatus; Hand held video games.

- Class 42. Design of board-games; Computer programming of video games; Computer programming of computer games; Development of video and computer games; Computer programming of video and computer games; Advisory and consultancy services relating to computer and video games software.

Biscuit Factory Games Ltd, 44 Mackintosh Park, Dun Laoghaire A96E7W6, Ireland. Address for service is c/o Biscuit Factory Games Ltd, c/o Dan Bergin-Holly, 44 Mackintosh Park, Dun Laoghaire A96E7W6, Ireland.



273600 31 July 2025

- Class 18. Luggage and carrying bags; Sports bags; Luggage, bags, wallets and other carriers; Holdalls; Handbags; Purses; Haversacks, rucksacks; Umbrellas and parasols; Walking sticks; Whips, harness and saddlery; Collars, leashes and clothing for animals.
- Class 25. Clothing, footwear, headwear; Sportswear;

- Sports caps and hats; Sports footwear; Sports jackets; Boots for sport; Sports headgear [other than helmets]; Sports clothing [other than golf gloves].
- Class 28. Games, toys and playthings; Video game apparatus; Gymnastic and sporting articles; Sporting articles and equipment; Swimming equipment; Exercise equipment; Fitness equipment; Sports equipment; Bags adapted for sporting articles; Decorations for Christmas trees.
- Class 35. Advertising; Business management; Business administration; Office functions; retail store service, mail order services, and on-line (or internet) retail services in respect of luggage and carrying bags, sports bags, luggage, bags, wallets and other carriers, holdalls, handbags, purses, haversacks, rucksacks, umbrellas and parasols, walking sticks, whips, harness and saddlery, collars, leashes and clothing for animals, clothing, footwear, headgear, sportswear, sports caps and hats, sports footwear, sports jackets, boots for sports, sports headgear [other than helmets], sports clothing [other than golf gloves], games, toys and playthings, video game apparatus, gymnastic and sporting articles, sporting articles and equipment, swimming equipment, exercise equipment, fitness equipment, sports equipment, bags adapted for sporting articles, decorations for Christmas trees; provision of the aforesaid services from a computer database or the Internet; compilation of

advertisements for use as web pages on the Internet; provision of space on web sites for advertising and retailing goods; advisory and information services relating to the aforesaid.

Thomas O'Brien, Killeen Patrickswell, Limerick V94 Y7YF, Ireland. Address for service is c/o Thomas O'Brien, Killeen Patrickswell, Limerick V94 Y7YF, Ireland.

Wicklow Pride

273601 01 August 2025

- Class 16. Printed materials including posters, programmes, flyers, and educational resources.
- Class 25. Clothing.
- Class 35. Promotion and organisation of community events, festivals and parades; online promotion of events; advertising services provided via the Internet.
- Class 41. Organisation of cultural events; organisation of entertainment events; organisation of festivals for cultural purposes; organisation of festivals for entertainment purposes; organisation of community cultural events; arranging and conducting cultural celebrations; arranging and conducting live entertainment events; arranging and conducting concerts and performances; organisation of exhibitions for cultural or educational

purposes; arranging and conducting workshops; arranging and conducting seminars; educational services relating to culture and community development; provision of community-based cultural and educational activities; arranging and conducting educational events for charitable purposes; arranging and conducting sports events; arranging group recreational activities; arranging of competitions for educational purposes, and cultural purposes; arranging of displays for educational purposes, and cultural purposes; arranging of quizzes; festivals (organisation of) recreational purposes and cultural purposes; the organisation and holding of fairs for cultural and educational purposes; publication of printed matter.

Dave Thomas Fox, 8 St. Brigid's Terrace, Arklow, Wicklow Y14 WY23, Ireland. Address for service is c/o Dave Thomas Fox, 8 St. Brigid's Terrace, Arklow, Wicklow Y14 WY23, Ireland.



273602 09 August 2025

Class 5. Dietary supplements.

Scott Lycett, 22 Liffey Ct, Lucan K78 ER04, Ireland.
Address for service is c/o Scott Lycett, 22 Liffey Ct, Lucan K78 ER04, Ireland.

The mark in use is/will be in the colour(s) Green, Brown, White



websites for others; Creating and maintaining websites for mobile phones; Design and development of homepages and websites; Design, creation, hosting and maintenance of websites for others; Hosting an online website for creating and hosting micro websites for businesses.

Roodler Limited, 20 Rann Mor Meadow, Letterkenny, Ireland. Address for service is c/o Roodler Limited, 20 Rann Mor Meadow, Letterkenny, Ireland.

273603 08 August 2025

Class 43. Coffee shops.

Eoin Maguire, Newry Road, Dowdallshill, Dundalk A91 E3E7, Ireland. Address for service is c/o Eoin Maguire, Newry Road, Dowdallshill, Dundalk A91 E3E7, Ireland.

The mark in use is/will be in the colour(s) Baby pink and black



273605 11 August 2025

Class 35. Recruitment of personnel; Staff recruitment services; Recruitment consultancy services; Personnel recruitment consultancy; Staff recruitment; Talent agency services for employment and



273604 06 August 2025

Class 42. Building and maintaining websites; Design of homepages and websites; Creating and maintaining

management of performing
artist.

Class 41. Training; Employment
training.

Miguel Juan Casali Sarasibar, Valentia Road,
Garranebane (Caherciveen), Kerry V23 TF44,
Ireland. Address for service is c/o Miguel Juan
Casali Sarasibar, Valentia Road, Garranebane
(Caherciveen), Kerry V23 TF44, Ireland.

The mark in use is/will be in the colour(s) Blue and
dark blue



273607 08 August 2025

Class 44. Individual and group
psychology services;
Provision of information
relating to psychology;
Consultancy relating to
integral psychology;
Occupational psychology
services.

Thomas Edward Hannan, Croveigh, Donegal
F94F6H9, Ireland. Address for service is c/o Thomas
Hannan, Croveigh, Donegal F94F6H9, Ireland.

The mark in use is/will be in the colour(s) HEX
#003F7AHEX #935AA0HEX #FDD269HEX
#0868A7HEX #16367B

flightclub.ie

273606 11 August 2025

Class 28. Darts.

Matthew Smith, 4 Orchard Close, eDarts Ireland Ltd,
Stamullen, Meath K32 RH24, Ireland. Address for
service is c/o Matthew Smith, 4 Orchard Close,
Stamullen, Meath K32 RH24, Ireland.



273608 30 July 2025

Class 29. Meat, fish, poultry and game; meat extracts; preserved, frozen, dried and cooked fruits and vegetables; jellies, jams, compotes; eggs; milk, cheese, butter, yoghurt and other milk products; oils and fats for food.

Jerin Joy, 18 Latchford Court, Castaheany, Dublin D15CF85, Ireland. Address for service is c/o Jerin Joy, 18 Latchford Court, Castaheany, Dublin D15CF85, Ireland.

CLUBBER

273609 05 August 2025

Class 9. Mobile applications software; software for streaming audiovisual and multimedia content to mobile

digital electronic devices; software for searching, organizing, retrieving and recommending audiovisual and multimedia content; application software for use in broadcasting, reception, transmission, delivery and conveyance of audiovisual content, multimedia content, recorded programmes for television and radio, television shows, sporting broadcasts, sporting shows, live broadcasts of sporting events, recorded sporting events, documentaries, sporting commentaries, podcasts, video, video files, motion picture films, audio-visual recordings, still and moving images, graphics, voice, music, text, messages, news, information and data, by means of electronic communications systems, telephonic, telegraphic, cable and satellite transmissions and Internet protocol; software for use in video-on-demand and near-video-on-demand broadcasting, reception, transmission, distribution, delivery and conveyance of audiovisual content, multimedia content, television programmes and television shows; software for use in the live broadcast and streaming of sporting events, sporting commentary and other sports-related audiovisual and multimedia content; recorded, downloadable or streamable audiovisual content, multimedia content, programmes for television and radio, television shows, sporting broadcasts, sporting shows, live broadcasts of sporting events, recorded sporting events, documentaries, sporting commentaries, video, video files, motion picture films,

Class 38.	audio-visual recordings, still and moving images, graphics, voice, music, text, messages, news, information and data; podcasts; downloadable electronic publications, including downloadable electronic newsletters, magazines, fanzines, journals, news articles, editorials, texts, television programming schedules, television programming information, sporting events fixtures; downloadable electronic publications of third parties provided via a video-on-demand or near-video-on-demand service; electronic databases of audiovisual content, multimedia content, programmes for television and radio, television shows, sporting broadcasts, sporting shows, live broadcasts of sporting events, recorded sporting events, documentaries, sporting commentaries, video, video files, motion picture films, audio-visual recordings, still and moving images, graphics, voice, music, text, messages, news, information, data and podcasts. Broadcasting services; communications and telecommunications; broadcasting of audiovisual content and multimedia content over the internet and other communication networks; streaming of audiovisual content and multimedia content; video-on-demand and near-video-on-demand transmission services; video-on-demand and near-video-on-demand streaming services; over-the-top broadcasting, transmission and delivery of sports-related content; subscription television broadcasting; subscription	over-the-top broadcasting; on-line delivered television services; computer-aided transmission of audiovisual broadcasts; interactive television broadcasting services; transmission, broadcast, reception, delivery and conveyance of audiovisual content, multimedia content, recorded programmes for television and radio, television shows, sporting broadcasts, sporting shows, live broadcasts of sporting events, recorded sporting events, documentaries, sporting commentaries, podcasts, video, video files, motion picture films, audio-visual recordings, still and moving images, graphics, voice, music, text, messages, news, information, data and podcasts by means of electronic communications systems, telephonic, telegraphic, cable and satellite transmissions and Internet protocol; webcasting services; consultancy, advisory and information services relating to any of the aforesaid services. Class 41. Entertainment services; entertainment services relating to sporting events, sports entertainment, sport and sports; television entertainment services; entertainment services provided in connection with a video-on-demand or near-video-on-demand service; entertainment, sporting and cultural activities and events; providing non-downloadable audiovisual content, multimedia content, recorded programmes for television and radio, television shows, sporting broadcasts, sporting shows, live broadcasts of sporting events, recorded sporting events,
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documentaries, sporting commentaries, podcasts, video, video files, motion picture films, audio-visual recordings, still and moving images, graphics, voice, music, text, messages, news, information and data, all relating to sporting events, sports entertainment, sport and sports; providing news, information, reviews, and recommendations regarding entertainment, television programmes, movies, sporting events, sports entertainment, sport, sports, audiovisual entertainment content and multimedia entertainment content; providing information in the nature of pre-game and post-game recaps and analysis, line-up introductions, press conferences, venue announcements, historical documentaries, scenes from movies and TV shows, and video highlights, previews, analysis, interviews and discussions regarding sports entertainment, athletes, sports, sport, sporting events, sporting competitions, and sporting venues; organisation, presentation, distribution, syndication, networking and rental of audiovisual content, multimedia content, television programmes, television shows, sporting broadcasts, sporting shows, live broadcasts of sporting events, recorded sporting events, documentaries, sporting commentaries, podcasts, webcasts, video, video files, motion picture films, audio-visual recordings, still and moving images, graphics, voice, music, text, messages, news, information, data and television productions for all media; organisation,

production, presentation and provision of shows, competitions, contests, games, quizzes and events; preparation, development, creation, production and editing of audiovisual content, multimedia content, television programmes, television shows, sporting broadcasts, sporting shows, live broadcasts of sporting events, recorded sporting events, documentaries, sporting commentaries, podcasts, webcasts, video, video files, motion picture films, audio-visual recordings, still and moving images, graphics, voice, music, text, messages, news, information, data and television productions for all media; non-downloadable audiovisual content, multimedia content, television programmes, television shows, sporting broadcasts, sporting shows, live broadcasts of sporting events, recorded sporting events, documentaries, sporting commentaries, podcasts, webcasts, video, video files, motion picture films, audio-visual recordings, still and moving images, graphics, voice, music, text, messages, news, information, data and television productions for all media; provision of audio visual content of third parties relating to entertainment, sport, sports and culture via a video-on-demand service or a video-on-demand service; providing television programs, movies, videos, webcasts, and images of third parties via a global computer network; translation, dubbing and sub-titling services; interactive entertainment services in the nature of interactive television

programmes, interactive games, interactive television shows, interactive contests, interactive game shows, interactive competitions, interactive quizzes, interactive studio entertainment, interactive audience participation events and interactive live entertainment services; publishing of information relating to sport and sports; fan clubs services; data analysis services relating to sports results, sports personalities, sports and sporting statistics, sports news and sports events; consultancy, advisory and information services relating to any of theaforesaid services.

Doyleup Limited, Glenlossera, Kilmacud Road Upper, Dublin 14, Dublin D14C6P3, Ireland.
Address for service is c/o Bird & Bird LLP, Avenue Louise 235, B-1050 Brussels, Belgium.

AquaSilk

273610 21 July 2025

Class 11. Water treatment filters; Water treatment apparatus for water softening; Water treatment apparatus for water softening for domestic use; Water softening units; Water softening apparatus; Softening apparatus (Water -).

Class 40. Water treatment; Treatment of water; Treatment [purification] of water; Water treatment and purification.

Patrick Buckley, EPS, Quarters town, Mallow, Mallow P51 AC94, Ireland. Address for service is c/o Patrick Buckley, EPS, Quarters town, Mallow, Cork P51 AC94, Ireland.

AquaSilk

Maxi

273611 21 July 2025

Class 11. Water treatment filters; Water treatment apparatus for water softening; Water treatment apparatus for water softening for domestic use; Water softening units; Water softening apparatus; Softening apparatus (Water -).

Class 40. Water treatment; Treatment of water; Treatment [purification] of water; Water treatment and purification.

Patrick Buckley, EPS, Quarters town, Mallow, Cork P51 AC94, Ireland. Address for service is c/o Patrick Buckley, EPS, Quarters town, Mallow, Cork P51 AC94, Ireland.

AquaSilk
Midi

273612 21 July 2025

- Class 11. Water treatment filters; Water treatment apparatus for water softening; Water treatment apparatus for water softening for domestic use; Water softening units; Water softening apparatus; Softening apparatus (Water -).
- Class 40. Water treatment; Treatment of water; Treatment [purification] of water; Water treatment and purification.

Patrick Buckley, EPS, Quarters town, Mallow, Cork P51 AC94, Ireland. Address for service is c/o Patrick Buckley, EPS, Quarters town, Mallow, Cork P51 AC94, Ireland.

AquaSilk
Mini

273613 21 July 2025

- Class 11. Water treatment filters; Water treatment apparatus for water softening; Water treatment apparatus for water softening for domestic use; Water softening units; Water softening apparatus;

Softening apparatus (Water -).

- Class 40. Water treatment; Treatment of water; Treatment [purification] of water; Water treatment and purification.

Patrick Buckley, EPS, Quarters town, Mallow, Cork P51 AC94, Ireland. Address for service is c/o Patrick Buckley, EPS, Quarters town, Mallow, Mallow P51 AC94, Ireland.

KEENOVA

273614 23 June 2025

- Class 5. Pharmaceuticals; pharmaceutical and medical preparations in connection with critical care, critical testing, maternal health, anesthesia, diseases, kidney disorders, cellulite, skin care, dermatological use, folds, scars, and body contouring and for rejuvenating to-administer injectable pharmaceutical preparations for the treatment of allergic reactions, hypotension, shock, malignant diseases, and kidney disorders, and to provide and reverse muscle relaxation to be used in patient care facilities, namely, hospitals, acute care facilities, and long term care facilities and in doctor's offices; pharmaceutical preparations, namely, analgesics and pain management preparations, preparations for the treatment of cancers, preparations for the treatment of urological

diseases and disorders, preparations for the treatment of schizophrenia; pharmaceutical preparations for the treatment of diseases and disorders of the endocrine system, hormone replacement therapy preparations; drug substances, namely, enzymes for medical purposes; pharmaceutical preparations for the treatment of cellulite; pharmaceutical preparations for skin care; medicated gels and mineral supplements; food supplements; radio frequency identification tagged pharmaceutical products, namely, sympathomimetic agents, diagnostic agents, anticoagulants, thrombin inhibitors, anesthetics, analgesics, endocrine metabolics, antibacterial agents, antibiotics, skeletal muscle relaxants, injectable estrogens, antifungals, immunosuppressive agents, parasympathomimetic agents, vasoconstrictors, oxytocic agents, antiemetics, vasopressin antagonists, vasodilators, vasopressors, anti-epileptics, anticonvulsants, cholinesterase inhibitors, and antimuscarinic agents; pharmaceutical preparations for endocrinology, orthopedics, urology, sympathomimetic agents, diagnostic agents, anticoagulants, thrombin inhibitors, anesthetics, analgesics, endocrine metabolics, antibacterial agents, antibiotics, skeletal muscle relaxants, injectable estrogens, antifungals, immunosuppressive agents, parasympathomimetic agents, vasoconstrictors, oxytocic agents, antiemetics, vasopressin antagonists,

vasodilators, vasopressors, antiepileptics, anticonvulsants, cholinesterase inhibitors, and antimuscarinic agents; pharmaceuticals for human use; ready-to-administer injectable pharmaceutical preparations for the treatment of allergic reactions, hypotension, shock, malignant diseases, and kidney disorders, and to provide and reverse muscle relaxation to be used in patient care facilities, namely, hospitals, acute care facilities, and long term care facilities.

Class 10. Medical devices and apparatus; Medical devices for use in treating pelvic disorders; Medical devices for use in treating pelvic organ prolapse; Medical devices for use in treating urinary incontinence; Medical devices for use in pain management and alleviation; Medical devices, namely, surgical equipment in the fields of urology and men's health; Medical devices, namely, intrauterine devices; Injection syringes; Injection device for pharmaceuticals and medicine; medical devices for use in treating critical care, critical testing, maternal health, anesthesia, diseases, kidney disorders, cellulite, skin care, dermatological use, folds, scars, and body contouring; Medical devices.

Class 35. Healthcare management services, namely, providing administrative support services to physicians and healthcare providers who prescribe pharmaceutical preparations; Outsourcing in the field of pharmaceuticals; Business administration of patient reimbursement programs for

- pharmaceuticals; Business administration of patient assistance programs that provide pharmaceuticals to help patients with insufficient resources get treatment at little or no cost to the patient.
- Class 36. Providing health insurance information about health insurance benefits to patients; Financial administration of patient reimbursement programs for pharmaceuticals; Financial administration of patient assistance programs that provide pharmaceuticals to help patients with insufficient resources get treatment at little or no cost to the patient; Financial assistance programs that provide pharmaceuticals to help patients with insufficient resources to get treatment at little or no cost to the patient.
- Class 40. Manufacture of pharmaceutical products to the order and/or specification of others; Providing technical information in the field of pharmaceutical manufacturing.
- Class 42. Development of pharmaceutical preparations and medicines; Pharmaceutical drug development services; Pharmaceutical research and development; Pharmaceutical research services; Medical research in the fields of chemicals and pharmaceuticals; Scientific research and testing services in the fields of chemicals and pharmaceuticals; Research and development of new products for others in the fields of chemicals and pharmaceuticals; Development of pharmaceutical products to

specifications of others; Research and development of pharmaceutical products for others.

- Class 44. Providing medical information and medical information via a website on the subjects of pharmaceutical preparations and medicines, medical devices and techniques; Providing medical information and online medical and healthcare information to healthcare professionals and patients; Providing a website featuring medical information; Providing medication counseling information, namely, advice and data on the subjects of pharmaceutical preparations and medicine; Providing medical information on the subjects of aesthetic solutions to help patients feel better about their bodies.

Mallinckrodt Pharmaceuticals Ireland Limited,
College Business & Technology Park, Cruiserath
Road, Blanchardstown, Dublin 15 D15 TX2V,
Ireland. Address for service is c/o Tomkins & Co, 5
Dartmouth Road, Dublin 6 D06 F9C7, Ireland.

Darlo

273615 10 August 2025

- Class 45. Rental of clothing; Online rental of clothing; Clothing rental.

Darlo Rentals, 5 Dartry House, Dublin D06 HD77, Ireland. Address for service is c/o Darlo Rentals, c/o Rachel Molloy, 5 Dartry House, Dublin D06 HD77, Ireland.

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

anois.

273616 05 August 2025

Class 42. Graphic art design; Graphic art services; Graphic arts design; Graphic arts designing; Industrial and graphic art design; Industrial art design; Designing (Graphic arts -); Design services relating to artwork; Design services for art-work; Design of stationery; Design (Graphic arts -); Design of artwork; Commercial art design; Art work design; Designing; Design consultancy; Design consultation; Visual design; Packaging design; Furniture design; Design planning; Urban design; Commercial design services; Consumer product design; Consultancy services relating to design; Consultancy relating to the design of packaging; Design and development of consumer products; Design and development of new products.

Judith Sherry, 33 Cathedral Walk, Cork T23 WC5E, Ireland. Address for service is c/o Judith Sherry, 33 Cathedral Walk, Cork T23 WC5E, Ireland.



273617 28 July 2025

Class 44. Medical services; Healthcare services.

Dr Anna Marie O'Brien, Abbey Medical, Wexford Primary Care Centre, Grogans Road, Wexford Y35DA39, Ireland
Dr Kieran MacCormack, Abbey Medical, Wexford Primary Care Centre, Grogans Road, Wexford Y35DA39, Ireland
Dr Peter Meier, Abbey Medical, Wexford Primary Care Centre, Grogans Road, Wexford Y35DA39, Ireland. Address for service is c/o Cruickshank, 8 A Unit, Sandyford Business Centre, Sandyford D18R2N8, Ireland.

Cabinpac Hire

273618 05 February 2025

- Class 6. Wall panels of metal; Dividing wall panels of metal; Insulated metal cladding panels for walls; Metal panels; Steel beams; Building beams (Metal -); Construction materials of metal; Metal beams; Metal roofing materials; Portable metal buildings; Portable mobile metal office buildings; portable metal accommodation; Portable metallic constructions; Portable cabins of metal; Modular portable building structures [metal]; Portable structures of metal; Metal flooring; Metal joists; Metal ceilings; Roofing materials of metal; Storage containers of metal.
- Class 19. Non-metallic wall panels; Dividing wall panels of (Non-metallic -); Insulated cladding panels for walls (Non-metallic -); Panels (Building -) not of metal; Construction materials, not of metal; Beams (Non-metallic -) for building purposes; Portable buildings (Non-metallic -); Portable mobile office buildings (Non-metallic -); portable accommodation (Non-metallic -); Portable constructions (Non-metallic -); Portable cabins (Non-metallic -); Modular portable building structures (Non-metallic -); Portable structures (Non-metallic -); Roofing materials (Non-metallic -); Flooring (Non-metallic -); Joists, not of metal; Ceilings, not of metal.
- Class 39. Rental of space, structures, units and containers, for storage and transportation; Rental of storage containers; Rental of portable storage containers.
- Class 43. Rental and hire of temporary accommodation; rental and

hire of furniture; Rental and hire of transportable buildings; Rental and hire of portable buildings; Rental and hire of portable modular buildings.

CPAC Modular Limited, 1 Dunshaughlin Business Park, Dunshaughlin, Co. Meath A85 FX60, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.



Application is for a Series of 4 Trade Marks.

273619 30 July 2025

- Class 31. Raw and unprocessed agricultural, aquacultural, horticultural and forestry products; Raw and unprocessed grains and seeds; Fresh fruits and vegetables, fresh herbs;

Natural plants and flowers;
 Bulbs, seedlings and seeds
 for planting; Live animals;
 Foodstuffs and beverages for
 animals; Malt; Fresh nuts,
 vegetables and herbs; organic
 fresh fruit; organic fresh
 vegetables; organic fresh
 herbs; seeds; flowers; fresh
 bananas; fresh apples; fresh
 cherries; fresh grapefruits;
 fresh blueberries; fresh
 pineapples; fresh mulberries;
 fresh grapes; fresh
 raspberries; fresh peaches;
 fresh nectarines; fresh
 watermelon; fresh kiwi
 berries; fresh plums; fresh
 passion fruit; fresh
 blackberries; fresh mangos;
 citrus fruits; fresh
 cranberries; fresh coconuts;
 fresh gooseberries; fresh
 avocados; fresh oranges;
 fresh cucumbers; fresh edible
 mushrooms; fresh tomatoes;
 fresh cherry tomatoes; fresh
 plum tomatoes; fresh
 beetroot; fresh legumes;
 fresh strawberries; fresh
 raspberries; fresh cabbage;
 fresh spinach; unprocessed
 fruits; fresh peppers; fresh
 wheatgrass; fresh almonds;
 fresh lemons; fresh parsley;
 fresh ginger; fresh mint;
 fresh thyme; fresh garlic;
 fresh rosemary; fresh sweet
 potatoes; fresh basil; fresh
 kiwi fruit; fresh pistachio
 nuts; fresh walnuts; potted
 fresh herbs; fresh lentils;
 fresh dates; fresh limes; fresh
 avocados; fresh pears; fresh
 oranges; fresh plums; fresh
 carrots; fresh peppers; fresh
 broccoli; fresh tomatoes;
 fresh ginger; fresh onions;
 spring onions; potatoes;
 garlic; fresh cucumber; fresh
 artichokes; fresh pak choi;
 fresh aubergine; fresh salad
 mixes; sweetcorn; green
 beans; runner beans; shallots;
 butternut squash; turnips;
 parsley; rosemary; turmeric;

chili peppers; fresh
 cauliflower; fresh broccoli;
 kale; lettuce; French beans;
 fresh beetroot; fresh fennel;
 fresh courgette; fresh
 coriander; fresh radishes;
 fresh beans; plants and their
 fresh produce; root
 vegetables, fresh; salad
 vegetables, fresh; raw
 vegetables; unprocessed
 fruits and vegetables.

Class 35. Advertising; Business
 management, organization
 and administration; Office
 functions; Retail, online
 retail and wholesale retail
 services in relation to Fresh
 nuts, vegetables and herbs,
 organic fresh fruit, organic
 fresh vegetables, organic
 fresh herbs, seeds, flowers,
 fresh bananas, fresh apples,
 fresh cherries, fresh
 grapefruits, fresh blueberries,
 fresh pineapples, fresh
 mulberries, fresh grapes,
 fresh raspberries, fresh
 peaches, fresh nectarines,
 fresh watermelon, fresh kiwi
 berries, fresh plums, fresh
 passion fruit, fresh
 blackberries, fresh mangos,
 citrus fruits, fresh
 cranberries, fresh coconuts,
 fresh gooseberries, fresh
 avocados, fresh oranges,
 fresh cucumbers, fresh edible
 mushrooms, fresh tomatoes,
 fresh cherry tomatoes, fresh
 plum tomatoes, fresh
 beetroot, fresh legumes, fresh
 strawberries, fresh
 raspberries, fresh cabbage,
 fresh spinach, unprocessed
 fruits, fresh peppers, fresh
 wheatgrass, fresh almonds,
 fresh lemons, fresh parsley,
 fresh ginger, fresh mint,
 fresh thyme, fresh garlic,
 fresh rosemary, fresh sweet
 potatoes, fresh basil, fresh
 kiwi fruit; Retail, online
 retail and wholesale retail
 services in relation to fresh
 pistachio nuts, fresh walnuts,

potted fresh herbs, fresh lentils, fresh dates, fresh limes, fresh avocados, fresh pears, fresh oranges, fresh plums, fresh carrots, fresh peppers, fresh broccoli, fresh tomatoes, fresh ginger, fresh onions, spring onions, potatoes, garlic, fresh cucumber, fresh artichokes, fresh pak choi, fresh aubergine, fresh salad mixes, sweetcorn, green beans, runner beans, shallots, butternut squash, turnips, parsley, rosemary, turmeric, chili peppers, fresh cauliflower, fresh broccoli, kale, lettuce, French beans, fresh beetroot, fresh fennel, fresh courgette, fresh coriander, fresh radishes, fresh beans; Retail, online retail and wholesale retail services in relation to organic composts, eggs, butter, yoghurt, vegetable salads, sausages, pickles, edible oils, fruit based snack foods, cooked vegetables, beans, soups, dried fruits, dried fruit, cooked fruits, olives; Retail, online retail and wholesale retail services in relation to poultry, chicken, meat, fish, cheese, milk, soya milk, oat milk, cashew milk; Retail, online retail and wholesale retail services in relation to fruit juices, apple juice, orange juice, pear juice, grape juice, prune juice and grapefruit juice, kombucha, non-alcoholic beverages, tea, fruit teas, coffee, hot chocolate, water, mineral water, sparkling water, coconut water, vegetable juices, carbonated drinks; Retail, online retail and wholesale retail services in relation to oil, vinegar, sauces, dips and spices, olive oil, balsamic vinegar, soy sauce, pesto sauce, ghee, tomato passata, mayonnaise,

salad cream, tzatziki, apple cider vinegar, coconut oil, sesame seed oil, salsa dip, sunflower oil, sea salt, pasta sauce, yeast flakes, rapeseed oil, red wine vinegar, malt vinegar, white wine vinegar, sundried tomatoes, chilli flakes, cinnamon sticks, coriander, dill, bouillon, chilli sauce, kelp, seaweed, moss; Retail, online retail and, wholesale retail services in relation to bread, artisan bread, rye bread, sprouted bread, sourdough bread, sesame seed bread, poppy seed bread, spelt bread, multigrain bread and olive bread; Retail, online retail and wholesale retail services in relation to rice cakes, pita breads, tortilla wraps and pizza bases, burger buns; Retail, online retail and wholesale retail services in relation to jams, honey, spreads, organic jams, spreads, maple syrup, chocolate spread, peanut and nut butters, marmalade, sandwich spreads; Retail, online retail and wholesale retail services in relation to pasta, white and brown rice, pulses and grains; Retail, online retail and wholesale retail services in relation to nuts, seeds and dried fruits, sunflower seeds, pumpkin seeds, chia seeds, sesame seeds, linseed, pumpkin seeds, pine nuts, peanuts, pecan nuts, almonds, cashew nuts, hazelnuts, mixed nuts, walnuts, pistachios, Brazil nuts, dried mango, dried figs, dried pineapple, dried goji berries, prunes, coconut flakes, desiccated coconut; Retail, online retail and wholesale retail services in relation to cereals, flour, porridge oats, muesli and granola, sugar, cane sugar, brown cane sugar, plain

flour, self-raising flour, spelt flour, dried yeast, buckwheat flakes, wholemeal flour, rye flour, almond flour; Retail, online retail and wholesale retail services in relation to desserts, dairy desserts, chocolate desserts, baked desserts, yogurt desserts, milk desserts; Retail, online retail and wholesale services connected with the sale of subscription boxes; Retail, online retail, wholesale retail services in relation to personal care products including soap, shower gel, shampoo, conditioner, toothpaste, children's toothpaste, deodorants, menstrual care, hand sanitizer, hand disinfectant, cotton buds, panty liners; Retail, online retail and wholesale retail services in relation to cleaning and household products, bin bags, sponges, compostable bags, laundry liquid, laundry detergent, fabric softener, dishwasher tablets, bleach and stain remover, washing up liquid, degreaser and descaler, toilet cleaner, all-purpose cleaning sprays, aluminum foil, tea lights, firelighters, parchment paper, arranging and conducting trade shows; information, advisory and consultancy services in relation to the aforesaid.

Class 39. Transport; Packaging and storage of goods; Travel arrangement; Transportation information; Delivery of goods; Transport brokerage; Delivery of food by restaurants; Distribution services; Delivery of foodstuffs and prepared meals; Delivery services; Food delivery services; Delivery of food and drink prepared for consumption; Delivery of subscriptions

boxes containing food and drink; Delivery of groceries; information, advisory and consultancy services in relation to the aforesaid services.

Green Earth Organics Limited, Tí Darach, Caherlea, Corrandulla, Galway, Ireland. Address for service is c/o Stobbs Ireland Limited, Suite 308, The Merrion Buildings, 18-20 Merrion Street Upper, Dublin D02 XH98, Ireland.

ErnieApp

273620 03 April 2025

Class 9. Information technology and audio-visual, multimedia and photographic equipment; data processing equipment and accessories, electrical and mechanical; computers and computer hardware; software; application software; Internet bots being computer programs; computer chatbot software for simulating conversations; mobile apps; games software; communication, networking and social networking software; data and file management and database software; privacy protection software; artificial intelligence and machine learning software; artificial intelligence software for analysis; system and system support software, and firmware; privacy software; privacy protection software.

Class 35. Advertising, marketing and promotional services;

- organisation of prize draws for advertising purposes; loyalty, incentive and bonus program services; administration of consumer loyalty programs; data processing, systematisation and management; business information; business inquiries; organisation, operation and supervision of an incentive scheme; promoting the sale of goods and services of others by means of contests and incentive award programs; administration of loyalty and incentive schemes; commercial intermediation services; compilation of information into computer databases; negotiation and conclusion of commercial transactions for third parties; negotiation of business contracts for others; opinion polling.
- Class 36. Financial, monetary and banking services; financial transfers and transactions, and payment services; financial transaction services namely distributed ledger-based transactions [financial, blockchain]; brokerage [financial]; brokerage of personal data for advertising; digital payment services; digital voucher and coupons issuing services; digital wallet [payment services]; financial management of reimbursement payments for others; issuing electronic payment cards in connection with bonus and reward schemes; issuance of tokens of value; micropayment services; tokenization of transactions.
- Class 38. Telecommunication services; computer communication and Internet access; provision of access to content, websites and portals;
- providing access to chatrooms; data communication services by electronic means; instant messaging services.
- Class 41. Education and training; instruction services; on-line publication of electronic books and journals providing online games; providing on-line electronic publications, not downloadable; providing on-line music, not downloadable; providing on-line videos, not downloadable; publication of texts and images, including in electronic form, except for advertising purposes.
- Class 42. IT services; hosting services, software as a service, and rental of software; providing artificial intelligence computer programs on data networks; platform as a service [PaaS]; software as a service; IT security, protection and restoration; cloud-based data protection services; IT services for data protection; applying a digital seal to a data set, namely, recording the consent of a user to an agreement in a digital seal applied to a database record representing the agreement; digital signature services, namely, recording the consent of a user by creating a digital signature; online signing services, namely, recording the consent of a user by creating a digital signature in a web or mobile application.
- Class 45. Legal services; on-line social networking services; legal services relating to on-line tracking of personal identifiers stored by third parties; legal services relating to on-line tracking of privacy data retrieved by third parties; legal services relating to on-line tracking of

stolen privacy data; security services for protecting privacy data; legal services relating to on-line services for providing evidence of a user's consent to an agreement.

Ernieapp Ltd., 88 Harcourt Street, Dublin 2 D02 DK18, Ireland. Address for service is c/o Peter Herre, Dendorfer & Herrmann Patentanwalte Part mbB, Nymphenburger Str. 20a, 80335 Munich, Germany.



273621 14 May 2025

Class 1. Chemical products for use in industry and science; chemical products for use in the manufacture of cleaning or polishing preparations; cleaning preparations, detergents and degreasing preparations; all for use in industrial and manufacturing processes; artificial and synthetic resins; solvents and

chemical agents; all included in Class 1.

Class 3. Polishing preparations, common soap, detergents, starch, blue and other preparations for laundry purposes, polishing soap; soaps; cleaning, scouring and polishing powders, liquids and pastes; polishing substances; abrasives; washing substances, bleaching substances for laundry use; preparations for removing foreign matter from metal and other substances; waxes and preparations in the nature of waxes; polishes; solvents for cleaning or stripping purposes; degreasing preparations and substances, polish, lacquer and varnish removing preparations; shampoos; non-medicated toilet preparations; preparations in the form of creams and of preservatives, all for furniture and or leather; shoe cleaning and shoe polishing preparations; abrasive cloths; preparations for window and glass cleaning; dentifrices; all included in Class 3; oven cleaning preparations; oven cleaners; barbecue cleaning preparations; cleaning preparations for ovens and barbecues; general purpose household cleaning preparations; hard surface cleaning preparations; preparations for cleaning household appliances; disposable cleaning cloths pre-moistened with cleaning solution for cleaning hard surfaces; dish washing detergents; bleaching preparations; toilet cleaning preparations; toilet bowl cleaners; cleaning, polishing, scouring or abrasive preparations; drain and sink cleaning preparations;

detergents; all-purpose cleaners; limescale removers, rust removers, stain removers, grease removers; decalcifying and descaling preparations for household use; cleaning preparations which prevent the build-up of stains and limescale.

- Class 5. Chemical preparations included in Class 5 for use in hygiene; disinfectants (other than for laying and absorbing dust), chemical preparations for sanitary purposes; Germicidal and disinfectant preparations; disinfectant solutions for use in wiping surfaces; disinfectants for household use or for hygiene purposes; disinfecting agents and preparations having disinfecting properties; anti-bacterial preparations; air freshening or air purifying preparations or substances; fungicides; preparations or substances having air freshening, air purifying or fungicidal properties.

Boyne Valley Unlimited Company, Platin Road, Drogheda, Co Meath, Ireland. Address for service is c/o John Milligan, 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 Disclaimer : Registration of this Trade Mark gives no right to the exclusive use of : the terms "Good Housekeeping Institute" seal.

Trade Mark is Brillo with orange background on a plastic pour bottle shape that is designed with an "easy grip" feature for simple handling for drain cleaner. As stated FOR THE TOUGHEST BLOCKAGES NEW BRILLO 100% DRAIN CLEAR IN JUST 30 MINS KITCHEN GOOD HOUSEKEEPING INSTITUTE APPROVED 2024

The mark in use is/will be in the colour(s) Black, White, Grey, Silver and Pantone: 6021C (Orange), 032C (Red), 072C (Blue).



273622 14 May 2025

- Class 1. Compositions for the removal of grease as part of a manufacturing process; Chemical products for use in industry and science; chemical products for use in the manufacture of cleaning or polishing preparations; cleaning preparations, detergents and degreasing preparations; all for use in industrial and manufacturing processes; artificial and synthetic resins; solvents and chemical agents; all included in Class 1.
- Class 3. Polishing preparations, common soap, detergents, starch, blue and other preparations for laundry purposes, polishing soap; soaps; cleaning, scouring and polishing powders, liquids and pastes; polishing substances; abrasives; washing substances, bleaching substances for laundry use; preparations for removing foreign matter from metal and other substances; waxes and preparations in the nature of

waxes; polishes; solvents for cleaning or stripping purposes; degreasing preparations and substances, polish, lacquer and varnish removing preparations; shampoos; non-medicated toilet preparations; preparations in the form of creams and of preservatives, all for furniture and or leather; shoe cleaning and shoe polishing preparations; abrasive cloths; preparations for window and glass cleaning; dentifrices; all included in Class 3; oven cleaning preparations; oven cleaners; barbecue cleaning preparations; cleaning preparations for ovens and barbecues; general purpose household cleaning preparations; hard surface cleaning preparations; preparations for cleaning household appliances; disposable cleaning cloths pre-moistened with cleaning solution for cleaning hard surfaces; dish washing detergents; cleaning sprays; spray cleaners for household purposes; spray cleaners for household use; spray cleaners for use on textiles; bleaching preparations; toilet cleaning preparations; toilet bowl cleaners; cleaning, polishing, scouring or abrasive preparations; drain and sink cleaning preparations; detergents; all-purpose cleaners; limescale removers, rust removers, stain removers, grease removers; decalcifying and descaling preparations for household use; cleaning preparations which prevent the build-up of stains and limescale.

Class 5. Chemical preparations included in Class 5 for use in hygiene; disinfectants (other than for laying and absorbing

dust), chemical preparations for sanitary purposes.

Boyne Valley Unlimited Company, Platin Road, Drogheda, Co Meath, Ireland. Address for service is c/o John Milligan, 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 terms "Good Housekeeping Institute" seal.

Trade Mark is Brillo with teal background on a conventional cleaning spray bottle shape for air fryer cleaner. As stated GOOD HOUSEKEEPING INSTITUTE APPROVED 2024 NEW BRILLO 100%* AIR FRYER CLEAN IN JUST 5 MINS AIR FRYER CLEANER | NON-STICK SAFE

The mark in use is/will be in the colour(s) Black, White, Grey, Silver and Pantone:6136C (Teal),032C (Red),072C (Blue).



273623 14 May 2025

Class 1. Compositions for the removal of grease as part of a manufacturing process;

	Chemical products for use in industry and science; chemical products for use in the manufacture of cleaning or polishing preparations; cleaning preparations, detergents and degreasing preparations; all for use in industrial and manufacturing processes; artificial and synthetic resins; solvents and chemical agents; all included in Class 1.		disposable cleaning cloths pre-moistened with cleaning solution for cleaning hard surfaces; dish washing detergents; cleaning sprays; spray cleaners for household purposes; spray cleaners for household use; spray cleaners for use on textiles; bleaching preparations; toilet cleaning preparations; toilet bowl cleaners; cleaning, polishing, scouring or abrasive preparations; drain and sink cleaning preparations; detergents; all-purpose cleaners; limescale removers, rust removers, stain removers, grease removers; decalcifying and descaling preparations for household use; cleaning preparations which prevent the build-up of stains and limescale.
Class 3.	Polishing preparations, common soap, detergents, starch, blue and other preparations for laundry purposes, polishing soap; soaps; cleaning, scouring and polishing powders, liquids and pastes; polishing substances; abrasives; washing substances, bleaching substances for laundry use; preparations for removing foreign matter from metal and other substances; waxes and preparations in the nature of waxes; polishes; solvents for cleaning or stripping purposes; degreasing preparations and substances, polish, lacquer and varnish removing preparations; shampoos; non-medicated toilet preparations; preparations in the form of creams and of preservatives, all for furniture and or leather; shoe cleaning and shoe polishing preparations; abrasive cloths; preparations for window and glass cleaning; dentifrices; all included in Class 3; oven cleaning preparations; oven cleaners; barbecue cleaning preparations; cleaning preparations for ovens and barbecues; general purpose household cleaning preparations; hard surface cleaning preparations; preparations for cleaning household appliances;		
		Class 5.	Chemical preparations included in Class 5 for use in hygiene; disinfectants (other than for laying and absorbing dust), chemical preparations for sanitary purposes.
			Boyne Valley Unlimited Company, Platin Road, Drogheda, Co Meath, Ireland. Address for service is c/o John Milligan, 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 terms "Good Housekeeping Institute" seal
			Trade Mark is Brillo with orange background on a conventional cleaning product spray bottle shape for oven cleaner. As stated #1 PERFORMS BETTER IN INDEPENDENT TESTS NEW BRILLO 100% OVEN CLEAN IN JUST 30 MINS DEEP OVEN CLEANER FOAMING ACTION GOOD HOUSEKEEPING INSTITUTE APPROVED 2024.
			The mark in use is/will be in the colour(s) Black, White, Grey, Silver and Pantone: 152C (Orange),032C (Red),072C (Blue).



273624 14 May 2025

- Class 1. Chemical products for use in industry and science; chemical products for use in the manufacture of cleaning or polishing preparations; cleaning preparations, detergents and degreasing preparations; all for use in industrial and manufacturing processes; artificial and synthetic resins; solvents and chemical agents; all included in Class 1.
- Class 3. Polishing preparations, common soap, detergents, starch, blue and other preparations for laundry purposes, polishing soap; soaps; cleaning, scouring and polishing powders, liquids and pastes; polishing substances; abrasives; washing substances, bleaching substances for laundry use; preparations for removing foreign matter from metal and other substances; waxes and preparations in the nature of waxes; polishes; solvents for cleaning or stripping purposes; degreasing preparations and substances,

polish, lacquer and varnish removing preparations; shampoos; non-medicated toilet preparations; preparations in the form of creams and of preservatives, all for furniture and or leather; shoe cleaning and shoe polishing preparations; abrasive cloths; preparations for window and glass cleaning; dentifrices; all included in Class 3; oven cleaning preparations; oven cleaners; barbecue cleaning preparations; cleaning preparations for ovens and barbecues; general purpose household cleaning preparations; hard surface cleaning preparations; preparations for cleaning household appliances; disposable cleaning cloths pre-moistened with cleaning solution for cleaning hard surfaces; dish washing detergents; cleaning sprays; spray cleaners for household purposes; spray cleaners for household use; spray cleaners for use on textiles; bleaching preparations; toilet cleaning preparations; toilet bowl cleaners; cleaning, polishing, scouring or abrasive preparations; drain and sink cleaning preparations; detergents; all-purpose cleaners; limescale removers, rust removers, stain removers, grease removers; decalcifying and descaling preparations for household use; cleaning preparations which prevent the build-up of stains and limescale.

- Class 5. Chemical preparations included in Class 5 for use in hygiene; disinfectants (other than for laying and absorbing dust), chemical preparations for sanitary purposes.

Boyne Valley Unlimited Company, Platin Road, Drogheda, Co Meath, Ireland. Address for service is c/o John Milligan, 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 terms “Good Housekeeping Institute” seal.

Trade Mark is Brillo with green background on a conventional cleaning product spray bottle shape for mould cleaner. As stated #1 NOTHING BETTER IN INDEPENDENT TESTS NEW BRILLO 100%* MOULD GONE IN JUST 10 MINS BLACK MOULD & MILDEW REMOVER GOOD HOUSEKEEPING INSTITUTE APPROVED 2024

The mark in use is/will be in the colour(s) Black, White, Grey, Silver, and Pantone: 6166C (Green), 032C (Red), 072 (Blue).



273625 14 May 2025

Class 1. Compositions for the removal of grease as part of a manufacturing process; Chemical products for use in industry and science; chemical products for use in

the manufacture of cleaning or polishing preparations; cleaning preparations, detergents and degreasing preparations; all for use in industrial and manufacturing processes; artificial and synthetic resins; solvents and chemical agents; all included in Class 1.

Class 3. Polishing preparations, common soap, detergents, starch, blue and other preparations for laundry purposes, polishing soap; soaps; cleaning, scouring and polishing powders, liquids and pastes; polishing substances; abrasives; washing substances, bleaching substances for laundry use; preparations for removing foreign matter from metal and other substances; waxes and preparations in the nature of waxes; polishes; solvents for cleaning or stripping purposes; degreasing preparations and substances, polish, lacquer and varnish removing preparations; shampoos; non-medicated toilet preparations; preparations in the form of creams and of preservatives, all for furniture and or leather; shoe cleaning and shoe polishing preparations; abrasive cloths; preparations for window and glass cleaning; dentifrices; all included in Class 3; oven cleaning preparations; oven cleaners; barbecue cleaning preparations; cleaning preparations for ovens and barbecues; general purpose household cleaning preparations; hard surface cleaning preparations; preparations for cleaning household appliances; disposable cleaning cloths pre-moistened with cleaning solution for cleaning hard

surfaces; dish washing detergents; cleaning sprays; spray cleaners for household purposes; spray cleaners for household use; spray cleaners for use on textiles; bleaching preparations; toilet cleaning preparations; toilet bowl cleaners; cleaning, polishing, scouring or abrasive preparations; drain and sink cleaning preparations; detergents; all-purpose cleaners; limescale removers, rust removers, stain removers, grease removers; decalcifying and descaling preparations for household use; cleaning preparations which prevent the build-up of stains and limescale.

- Class 5. Chemical preparations included in Class 5 for use in hygiene; disinfectants (other than for laying and absorbing dust), chemical preparations for sanitary purposes.

Boyne Valley Unlimited Company, Platin Road, Drogheda, Co Meath, Ireland. Address for service is c/o John Milligan, 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 terms "Good Housekeeping Institute" seal.

Trade Mark is Brillo with purple background on a conventional cleaning product spray bottle shape for grease cleaner. As stated FOR THE TOUGHEST GREASE NEW BRILLO 100%* GREASE GONE IN JUST 30 SECS TOUGH GREASE REMOVER | KITCHEN GOOD HOUSEKEEPING INSTITUTE APPROVED 2024

The mark in use is/will be in the colour(s) Black, White, Silver, Grey and Pantone: 2028C (Purple), 032C (Red), 072C (Blue).



273626 14 May 2025

- Class 1. Compositions for the removal of grease as part of a manufacturing process; Chemical products for use in industry and science; chemical products for use in the manufacture of cleaning or polishing preparations; cleaning preparations, detergents and degreasing preparations; all for use in industrial and manufacturing processes; artificial and synthetic resins; solvents and chemical agents; all included in Class 1.
- Class 3. Polishing preparations, common soap, detergents, starch, blue and other preparations for laundry purposes, polishing soap; soaps; cleaning, scouring and polishing powders, liquids and pastes; polishing substances; abrasives; washing substances, bleaching substances for laundry use; preparations for removing foreign matter from metal and other substances; waxes and preparations in the nature of waxes; polishes; solvents for

cleaning or stripping purposes; degreasing preparations and substances, polish, lacquer and varnish removing preparations; shampoos; non-medicated toilet preparations; preparations in the form of creams and of preservatives, all for furniture and or leather; shoe cleaning and shoe polishing preparations; abrasive cloths; preparations for window and glass cleaning; dentifrices; all included in Class 3; oven cleaning preparations; oven cleaners; barbecue cleaning preparations; cleaning preparations for ovens and barbecues; general purpose household cleaning preparations; hard surface cleaning preparations; preparations for cleaning household appliances; disposable cleaning cloths pre-moistened with cleaning solution for cleaning hard surfaces; dish washing detergents; cleaning sprays; spray cleaners for household purposes; spray cleaners for household use; spray cleaners for use on textiles; bleaching preparations; toilet cleaning preparations; toilet bowl cleaners; cleaning, polishing, scouring or abrasive preparations; drain and sink cleaning preparations; detergents; all-purpose cleaners; limescale removers, rust removers, stain removers, grease removers; decalcifying and descaling preparations for household use; cleaning preparations which prevent the build-up of stains and limescale.

Class 5. Chemical preparations included in Class 5 for use in hygiene; disinfectants (other than for laying and absorbing

dust), chemical preparations for sanitary purposes.

Boyne Valley Unlimited Company, Platin Road, Drogheda, Co Meath, Ireland. Address for service is c/o John Milligan, 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 terms "Good Housekeeping Institute" seal.

Trade Mark is Brillo with cyan blue background on a conventional cleaning product spray bottle shape for limescale cleaner. As stated #1 PERFORMS BETTER IN INDEPENDENT TESTS NEW BRILLO 100%* LIMESCALE GONE IN JUST 5 MINS LIMESCALE REMOVER | KITCHEN & BATHROOM GOOD HOUSEKEEPING INSTITUTE APPROVED 2024.

The mark in use is/will be in the colour(s) Black, White, Silver, Grey and Pantone: 298C (Cyan), 032C (Red), 072C (Blue).



273627 11 August 2025

Class 44. Beauty consultation; Salons (Beauty -); Beauty care; Beauty treatment services; Beauty salon services; Beauty therapy services; Salon services (Beauty -); Beauty care services; Beauty therapy treatments; Facial beauty treatment services; Human hygiene and beauty

care; Information relating to beauty care; Beauty care for human beings; Advisory services relating to beauty; Consultancy services relating to beauty; Advisory services relating to beauty care; Consultation services relating to beauty care; Advisory services relating to beauty treatment; Beauty treatment services especially for eyelashes; Services of a hair and beauty salon; Hygienic and beauty care for human beings; Provision of hygienic and beauty care services; Providing information relating to beauty salon services; Beauty care services provided by a health spa; Consultancy in the field of body and beauty care; Consultancy provided via the Internet in the field of body and beauty care; Beauty treatment; Beauty salons; Beauty consultancy; Beauty counselling; Beauty information services; Beauty consultation services; Beauty consultancy services; Beauty advisory services; Beauty spa services; Beauty care of feet; Hygienic and beauty care; Hygienic and beauty care services; Beauty salons for wig cutting; Hygienic and beauty care for humans; Hygienic and beauty care for animals.

Marina Marinova Filcheva, Ashgrove House, Kill Avenue, Dublin A96 N9K0, Ireland. Address for service is c/o Marina Marinova Filcheva, Ashgrove House, Kill Avenue, Dublin A96 N9K0, Ireland.

Pure Craic

273628 11 August 2025

- Class 5. Food supplements; Vitamin drinks.
Class 28. Gaming apparatus.
Class 32. Energy drinks.

Aileen Salmon, Eskerboy, Kiltormer, Ballinasloe H53KH90, Ireland. Address for service is c/o Aileen Salmon, Eskerboy, Kiltormer, Ballinasloe H53KH90, Ireland.

Radien Hub

273629 27 April 2025

- Class 35. Retail services relating to jewellery; Retail services relating to food; Retail services in relation to jewellery; Retail services in relation to teas; Retail services in relation to coffee; Online retail services relating to cosmetics; Online retail services relating to jewellery.

Rian Rosado Garcia de Oliveira, 1 Magenta Crescent, Santry, Dublin D09 CH28, Ireland.
Address for service is c/o Rian Rosado Garcia de Oliveira, 1 magenta crescent, santry, Dublin D09CH28, Ireland.



ellere

Application is for a Series of 2 Trade Marks.

273630 21 March 2025

Class 14. Wall clocks; Clocks; Clockworks; Clock dials; Clock housings; Clock hands; Clock movements; Clock cases; Clock cabinets; Clock faces; Clock boxes; Clock mechanisms; Automobile clocks; Table clocks; Desk clocks; Travel clocks; Floor clocks; Pendulum clocks; Quartz clocks; Industrial clocks; Mantle clocks; Miniature clocks; Digital clocks; Alarm clocks; Small clocks; Electronic clocks; Atomic clocks; Control clocks [master clocks]; Master clocks; Grandfather clocks; Timing clocks; Control clocks; Clockwork movements; Clock hands [clock- and watchmaking]; Time clocks [master clocks] for controlling other clocks; Clock hands [clock and watch making]; Hands (Clock -) [clock and watch making]; Clock cases being parts of clocks; Clocks incorporating radios; Parts for clocks; Stands for clocks; Clocks incorporating ceramics; Electric alarm clocks; Electronic alarm clocks; Watches and clocks; Clocks and watches; Cabinets for clocks; Faces for clocks; Dials for clocks; Hands for clocks; Oscillators for clocks; Parts for clockworks; Watch and clock springs; Clock and watch hands; Watch and clock hands; Dials [clock- and watchmaking]; Pendulums [clock- and watchmaking]; Barrels [clock- and watchmaking]; Anchors [clock- and watchmaking]; Clocks and parts therefor; Cases [fitted] for clocks; Clocks having quartz movements; Digital clocks incorporating radios; Clocks and watches, electric; Dials

	(clockmaking and watchmaking); Dials for clock- and watchmaking; Anchors [clock and watch making]; Cases for clock- and watchmaking; Dials [clock and watch making]; Pendulums [clock and watch making]; Barrels [clock and watch making]; Digital clocks with automatic timers; Electrically operated movements for clocks; Electronically operated movements for clocks; Movements for clocks and watches; Cases for watches and clocks; Housings for clocks and watches; Movements for watches and clocks; Dials for clock and watch-making; Cases for clock and watch-making; Dials for clock and watch making; Dials for clock-and-watch-making; Clocks and watches for pigeon-fanciers; Cases of precious metals for clocks.	Coffee pots [non-electric]; Bases for plant pots; Non-electric cooking pots; Cooking pots [non-electric]; Cooking pots, non-electric; Glue pots, non-electric; Hot pots, non-electric; Plastic lids for plant pots; Non-electric rice cooking pots; Couscous cooking pots, non-electric; Tea pots of precious metal; Coffee pots not of precious metal; Cooking pots and pans [non-electric]; Japanese style tea-serving pots (kyusu); Portable pots and pans for camping; Non-electric cooking pots and pans; Covers, not of paper, for flower pots; Cooking pots for use in microwave ovens; Non electric coffee pots not of precious metal; Portable non-electric pots and pans for camping; Japanese style tea-serving pots of precious metal (kyusu); Candlesticks; Candle extinguishers; Candle snuffers; Candle holders; Candle sticks; Candle rings; Candelabra [candlesticks]; Pillar candle plates; Candle jars [holders]; Candle drip rings; Candlesticks of glass; Glass holders for candles; Candlesticks of precious metal; Candlesticks with wind protection; Candle holders of wrought iron; Candle extinguishers of precious metal; Candle holders of precious metal; Candle rings of precious metal; Candle extinguishers, not of precious metal; Candle holders not of precious metal; Non-electric wall sconces [candle holders]; Candle rings, not of precious metal; Candle snuffers, not of precious metal; Candle warmers, electric and non-electric; Non-electric wall sconces being candle holders; Soap containers; Soap holders; Soap brackets;
Class 21.	Vases; Flower vases; Bud vases; Glass vases; Floor vases; Clay floor vases; Stone floor vases; Glass floor vases; Ritual flower vases; Earthenware floor vases; Urns being vases; Vases of precious metal; Vases not of precious metal; Flower vases of precious metal; Planters of earthenware; Planters of pottery; Planters of glass; Planters of plastic; Raised garden planters; Pots; Mustard pots; Flower pots; Pots (Flower -); Plant pots; Chamber pots; Coffee pots; Serving pots; Jam pots; Earthen pots; Shaving pots; Pepper pots; Glass pots; Cooking pots; Tea pots; Stone pots; Porcelain flower pots; Pots for flowers; Pots for plants; Paper cooking pots; Paper flower pots; Saucers for flower pots; Non-electric coffee pots;	

Soap racks; Wall soap dishes; Dishes for soap; Hand soap racks; Hand soap holders; Stainless steel soap; Soap dispensing bottles; Soap dispensing dish brushes; Plastic molds for household use in making soap.

WISEWAVE LIMITED, 39 Cooley Park, Dundalk, Co Louth A91AP2V, Ireland. Address for service is c/o WISEWAVE LIMITED, 39 Cooley Park, Dundalk, Co Louth A91AP2V, Ireland.

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

Mulligan's

273631 14 June 2024

Class 32. Beer, ale, lager, stout, porter; shandy; non- alcoholic beer, ale, lager, stout and porter; beer, ale, lager, stout or porter based cocktails; preparations for making the aforesaid.

Aldi Stores (Ireland) Limited, 67-68 Fitzwilliam Square, Dublin 2, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.



273632 24 June 2025

Class 37. Installation, maintenance, and repair of audio visual systems and multimedia equipment across entity estates.

Class 42. Planning, development, and technical support of audio visual equipment, unified collaboration systems, digital media solutions, broadcast solutions, enterprise solutions, Visualizations; planning, development, and technical support of new technology for others, collaboration and other enterprise technologies, digital signage visualizations, and computer graphics (digital imaging services); Design of audio visual systems and multimedia equipment across entity estates.

Priority Date Claimed: 29 April 2025 United States of America

AVI Systems, Inc, 9675 W. 76th St., Suite 130, Eden Prairie, Minnesota 55344, United States of America. Address for service is c/o Lewis Silkin Ireland LLP, Fitzwilliam Court, Leeson Close, Dublin D02 YW24, Ireland.

The mark consists of a white ring with a multi-colored halo of colors around it consisting of light green, red, pink, purple, blue, and green. The color black is not claimed as a feature of the mark.

PING

273633 21 May 2025

Class 9. Downloadable computer software for issuing receipts regarding mobile payment transactions; downloadable computer software for creating, preparing, managing, sending, processing, tracking, and reconciling invoices; downloadable authentication software for controlling access to and communications with computers and computer networks; Downloadable software, namely, instant messaging software, file sharing software, communications software for electronically exchanging data, audio, video images and graphics via computer, mobile, wireless, telecommunications networks and downloadable computer software for processing images, graphics, audio, video, and text; downloadable mobile application software for processing electronic payments and for transferring funds to and from others; Downloadable and recorded computer software for processing electronic payments and for transferring funds to and from others.

Class 36. Financial services, namely, electronic funds transfer; electronic transfer of money for others; electronic foreign exchange payment processing; providing electronic processing of electronic funds transfer, ACH, credit card, debit card, electronic check and electronic, mobile and online

payments; payment processing services, namely, providing virtual currency transaction processing services for others; clearing and reconciling financial transactions via a global computer network and wireless networks; credit card and debit card transaction processing services; credit card transaction processing services and payment processing services in the field of credit card payments and electronic payments; providing electronic mobile payment services for others in the nature of providing secure commercial transactions and payment options using a mobile device at a point of sale; credit services, namely, providing revolving credit account services; bill payments services; credit card transaction processing services; providing a wide variety of payment and financial services, namely, credit card payment processing services, issuing credit cards and providing personal and business lines of credit, electronic payment services involving electronic processing of bill payment data, bill payment services with guaranteed payment delivery, all conducted via a global communications network; providing payment and financial services, namely, electronic creation, processing, transmission and reconciliation of invoice payments.

Class 38. Instant messaging services; Telecommunication services, namely, data transmission and reception services via telecommunication networks; mobile phone communication services;

electronic exchange of voice, data, audio, video, text and graphics accessible via computer and telecommunications networks; transmission of bill payment data via a global communications network.

- Class 42. Providing temporary use of online non-downloadable software for creating, preparing, managing, sending, processing, tracking, and reconciling invoices; providing temporary use of online non-downloadable software for issuing receipts regarding mobile payment transactions; Providing temporary use of online non-downloadable software for processing electronic payments; providing temporary use of online non-downloadable authentication software for controlling access to and communications with computers and computer networks.

Priority Date Claimed: 21 November 2024 United States of America

Karsten Manufacturing Corporation, 2201 West Desert Cove, Phoenix, Arizona 85029, United States of America. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.



273634 07 August 2025

- Class 39. Advisory services relating to the distribution of goods.

Total Brand Solutions, 28 The Crescent, Robswall, Malahide Dublin K36 W571, Ireland. Address for service is c/o Total Brand Solutions, C/O Rachel Troy, 28 The Crescent, Robswall, Malahide Dublin K36 W571, Ireland.

SLIMMING WORLD'S ACTIVE LIFESTYLE PROGRAMME

273635 06 August 2025

- Class 9. Electronic downloadable publications relating to food, beverages, recipes, meal preparation, cooking and cookery; databases of information relating to food, beverages, recipes, meal preparation, cooking and cookery; downloadable recipe books and cook books; computer software for use in data management in the fields of slimming, weight control, weight management, diet, dieting, exercise, health, fitness, food, beverages, meal preparation, cooking, cookery, nutrition, recreation, lifestyle and eating habits; downloadable course materials for cooking and cookery courses; software applications for

	slimming, weight control, weight management, diet, dieting, exercise, health, fitness, food, beverages, meal preparation, cooking, cookery, nutrition, recreation, lifestyle and eating habits; software applications for ordering foodstuffs and meals; downloadable podcasts, vodcasts, webinars and videos.		digital magazines, newsletters, flyers, posters, journals and books relating to slimming, weight control, weight management, diet, dieting, food, nutrition, cooking, cookery, meal preparation, exercise, health, lifestyle, and eating habits; publication of advice and information concerning slimming, weight control, weight management, diet, dieting, food, nutrition, cooking, cookery, meal preparation, exercise, health, lifestyle, and eating habits; publication of photographs, books, booklets, recipes, diaries, charts, greetings cards, magazines, flyers, teaching materials, posters, plans, pads, newsletters, manuals, cards, calendars, note books, calculating tables, all relating to slimming, weight control, weight management, diet, dieting, food, nutrition, cooking, cookery, meal preparation, exercise, health, lifestyle and eating habits; production of podcasts, vodcasts, webinars and videos; provision of entertainment and education via podcasts, vodcasts, webinars and videos.
Class 16.	Printed materials relating to slimming, weight control, weight management, diet, dieting, exercise, health, fitness, food, beverages, meal preparation, cooking, cookery, nutrition, recreation, lifestyle and eating habits; recipe cards; recipe books; cookbooks; printed menus; magazines; flyers; posters; newsletters; journals; cardboard packaging; instructional and teaching materials in the field of slimming, weight control, weight management, diet, dieting, exercise, health, fitness, food, beverages, meal preparation, cooking, cookery, nutrition, recreation, lifestyle and eating habits.		
Class 41.	Providing education, instruction, training and coaching services relating to slimming, weight control, weight management, diet, dieting, food, nutrition, cooking, cookery, meal preparation, exercise, health, lifestyle, eating habits, fitness and weight training; providing electronic publications; providing non-downloadable publications relating to slimming, weight control, weight management, diet, dieting, food, nutrition, cooking, cookery, meal preparation, exercise, health, lifestyle, and eating habits; publication of electronic and	Class 44.	Advisory, counselling, consultancy, information and guidance services relating to slimming, weight control, weight management, diet, dieting, exercise, health, lifestyle, eating habits, food and nutrition; hygiene and beauty services; health care services; providing nutritional information about food and drink for weight loss, weight control and weight management purposes.

Priority Date Claimed: 05 August 2025 United Kingdom

Miles-Bramwell Executive Services Limited, Clover Nook Road, Somercotes, Alfreton, Derbyshire DE55 4RF, United Kingdom. Address for service is c/o Cruickshank, 8 A Unit, Sandyford Business Centre, Sandyford D18R2N8, Ireland.



273636 30 May 2025

- Class 11. Heating pads, electric, not for medical purposes.
- Class 16. Handkerchiefs of paper.
- Class 21. Household utensils.
- Class 27. Mats.

Priority Date Claimed: 19 March 2025 Ireland

YAN LIN, 508B Mitchelstown Rd, Dublin D15A276, Ireland. Address for service is c/o YAN LIN, C/o Jerry Liu, 508B Mitchelstown Rd, Dublin D15 A276, Ireland.

BraidStop

273637 12 June 2025

- Class 44. Hairdressing; Hair braiding services; Hairdressing salon services; Salon services (Hairdressing -); Hairdressing salon services for children; Hair salon services; Hairdressing salons; Hair salon services for women; Hair salon services for men; hairdressing services; mobile hairdressing; Hair weaving; Hair treatment; Hair restoration; Haircare services; Salons (Hairdressing -).

Moyinoluwa Ade, 32 Moylaragh Crescent, Balbriggan, Dublin K32kd37, Ireland. Address for service is c/o Moyinoluwa Ade, 32 moylaragh crescent, Balbriggan, Dublin K32kd37, Ireland.



273638 15 January 2024

- Class 30. Doughnuts; Cakes; Pizza; Pasta; Confectioner; Cereal-based snack food; Chocolate; Tea; Tea-based beverages; Coffee; Coffee based beverages; Roasted coffee beans; Chocolate-based beverages; Ice cream; Ice confections; Frozen beverages [edible ices]; Edible ices; Shaved ices with sweetened red beans; Sauces [condiments]; Rice cakes; Cooked rice; Puddings; Tarts.
- Class 35. Retail services relating to foodstuffs; Retail services relating to coffee; Retail

services in relation to non-alcoholic beverages; Retail services relating to confectionery; Advertising; Marketing; Publicity; Sales promotion services; Administrative processing of purchase orders; Online ordering services in the field of restaurant take-out and delivery; Business management; Brand management services; Business management advisory services relating to franchising; Commercial administration of the licensing of the goods and services of others; Provision of an on-line marketplace for buyers and sellers of goods and services; Promoting the goods and services of others through discount card programs; Business intermediary services relating to the commercialisation of goods; Mail order retail services; The bringing together, for the benefit of others, of a variety of goods (excluding the transport thereof), enabling customers to conveniently view and purchase those goods from a general merchandise catalogue by means of telecommunications; Developing and coordinating volunteer projects for charitable organizations; Charitable services, namely, coordination of the procurement and distribution of food to children.

- Class 43. Canteen services; Restaurant services; Cafe services; Cafeteria services; Providing food and drink; Self-service restaurant services; Food and drink catering; Bar services; Salad bars; Supplying meals to the homeless or underprivileged.

PARIS CROISSANT CO., LTD., 18, Sagimakgol-ro 31beon-gil, Jungwon-gu, Seongnam-si, Gyeonggi-do, Republic of Korea. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.



273639 02 August 2025

- Class 41. Educational services; Providing online non-downloadable publications, including articles and blog content, in the fields of education, personal development, lifestyle, and fashion; Production and publication of podcasts; Entertainment services in the nature of podcast series and online audio content; Providing online tutorials and informational content for educational purposes.

Maryanne Whelan, No. 19 Beechwood Close, Silversprings, Clonmel Co. Tipperary E91X228, Ireland. Address for service is c/o Maryanne Whelan,

No. 19 Beechwood Close, Silversprings, Clonmel
Co.Tipperary E91X228, Ireland.

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

STAYWELL

273640 06 March 2023

Class 35. Advertising; promotional services; organisation, operation and supervision of loyalty programmes and of promotional incentive schemes; loyalty card services; organisation of competitions for advertising or business purposes; copying services; copying of documents for others; Retail services and online retail services in connection with the sale of medicines, pharmaceuticals, cosmetic products, beauty care products, toiletries, perfumery, oral care products, products for care of the teeth, hair, nails, skin, eyes and body, personal care products, personal hygiene products, deodorants, soaps, creams and lotions, babycare products, food products, drinks, vitamins and food supplements, dietary products, medical products, medical apparatus and instruments, hand tools, implements and appliances for personal and cosmetic care and grooming, eyewear, laundry preparations, cleaning and polishing preparations, printed matter,

luggage, bags, wallets and other carriers; advisory, information and consultancy services relating to the aforesaid services in this class.

Class 40. Processing, printing, and reproduction of images and photographs; advisory, information and consultancy services relating to the aforesaid services in this class.

Class 44. Pharmacy services; preparation and dispensing of pharmaceuticals and medications; hygienic, cosmetic, beauty care and healthcare services; advisory, information and consultancy services relating to the aforesaid services in this class.

Thera Pharmaceuticals Limited, First Floor, Unit 1, Trinity Court, Fonthill Business Park, Clondalkin, Dublin 22, Ireland. Address for service is c/o Keltie Limited, Portershed a Dó, 15 Market Street, Galway H91 TCX3, Ireland.

The application for registration is proceeding based on honest concurrent use with European Union Trade Mark No. 011415502 and European Union Trade Mark No. 018712517

Shackleton Experience

273641 12 August 2025

Class 41. Education information; Information (Education -); Educational research; Educational seminars; Educational services; Higher education services; Primary

education services; Adult education services; Education information services; Developing educational manuals; Educational information services; Organising of education conferences; Organising of education conventions; Provision of education courses; Organising of education exhibitions; Organising of education competitions; Organization of education competitions; Competitions (Organising of education -); Organising of education seminars; Organization of educational conferences; Conducting of educational conferences; Organising of educational conferences; Arranging of educational conferences; Organising of educational exhibitions; Publication of educational books; Publishing of educational matter; Publishing of educational material; Organising of educational games; Provision of educational information; Conducting of educational courses; Development of educational materials; Secondary school educational services; Organization of educational symposia; Organising of educational lectures; Workshops for educational purposes; Organisation of educational seminars; Organising of educational seminars; Providing facilities for educational purposes; Arranging of guided educational tours; Organisation of guided educational tours; Conducting of guided educational tours; Organising of conferences relating to education; Arranging of conferences relating to

education; Organisation of conferences relating to education; Organisation of seminars relating to education; Arranging of seminars relating to education; Organisation of competitions [education or entertainment]; Organisation of competitions (education or entertainment); Competitions (organisation of -) [education or entertainment]; Cultural activities; Cultural services; Providing cultural activities; Organising community cultural events; Organization of cultural shows; Workshops for cultural purposes; Organisation of cultural events; Arranging of cultural events; Conducting of cultural events; Conducting of cultural activities; Exhibitions (Arranging -) for cultural purposes; Exhibitions (Conducting -) for cultural purposes; Entertainment, sporting and cultural activities; Organising events for cultural purposes; Arranging and conducting of cultural activities; Organization of shows for cultural purposes; Organizing community sporting and cultural events; Arranging of presentations for cultural purposes; Arranging of displays for cultural purposes; Arranging of exhibitions for cultural purposes; Arranging of festivals for cultural purposes; Festivals (Organisation of -) for cultural purposes; Organisation of entertainment and cultural events; Arranging of seminars relating to cultural activities; Arranging of conferences relating to cultural activities; Provision of visitor attractions for

cultural purposes; Providing user reviews for entertainment or cultural purposes; Providing user rankings for entertainment or cultural purposes; Providing user ratings for entertainment or cultural purposes; Organization of exhibitions for cultural or educational purposes; Exhibitions (Organization of -) for cultural or educational purposes; Organisation of exhibitions for cultural or educational purposes; Organisation of exhibitions for cultural and educational purposes; Organization of exhibitions for cultural and educational purposes; Arranging of exhibitions for cultural or educational purposes; Ticket reservation and booking services for cultural events; Organisation of events for cultural, entertainment and sporting purposes; Conducting guided tours of cultural sites for educational purposes; Organisation and holding of fairs for cultural or educational purposes.

Shackleton Experience, Town Hall, Emily Square, Athy R14 KW65, Ireland
Aline FitzGerald, Town Hall, Emily Square, Athy R14 KW65, Ireland.
Address for service is c/o Shackleton Experience & Aline FitzGerald, c/o Aline FitzGerald, Town Hall, Emily Square, Athy R14 KW65, Ireland.

The mark in use is/will be in the colour(s) C91 M5 Y2 K0



273642 18 July 2025

- Class 11. Installations for cooling drinking water; Apparatus for filtering drinking water.
- Class 43. Rental of drinking water dispensers.

Ronan Synnott, 20 The Elms, Clane W91 EP60, Ireland. Address for service is c/o Ronan Synnott, 20 The Elms, Clane W91 EP60, Ireland.

Journey Protector

273643 10 July 2025

- Class 9. Artificial intelligence software.
- Class 42. Hardware design.

Journey Protector Limited, 7 Evora Terrace, Howth, Dublin 13, Ireland. Address for service is c/o Journey Protector Limited, C/O Anne Lawlor, 58 Grange Abbey Road, Dublin D13 V5W4, Ireland.

Pellador

273644 07 August 2025

Class 25. Clothing; Knitted clothing; Knitwear [clothing]; Jackets [clothing]; Bottoms [clothing]; Jerseys [clothing]; Shorts [clothing]; Weatherproof clothing; Woolen clothing; Casual clothing; Embroidered clothing; Men's clothing; Ready-made clothing; Jogging bottoms [clothing]; Jogging sets [clothing]; Women's clothing; Ready-to-wear clothing; Clothes.

Gregory Hall, 8 Sarsfield Street, Limerick City V94 R9V9, Ireland. Address for service is c/o Gregory Hall, 8 Sarsfield Street, Limerick City V94 R9V9, Ireland.

The mark in use is/will be in the colour(s) 1795 C (PANTONE)

AOR MEDA
The Power of Passion



273645 07 August 2025

Class 41. Entertainment services in the nature of organizing social entertainment events.

AIKLING O REILLY, Ennistown, Ratoath, Meath A85HY07, Ireland. Address for service is c/o AISLING O REILLY, Ennistown, Ratoath, Meath A85HY07, Ireland.



273646 12 August 2025

Class 36. Financial services; Financial analysis services; Financial

research services; Financial management services; Financial investigation services; Financial intermediary services; Financial affairs services; Financial appraisal services; Financial advisory services; Financial consulting services.

Viewmount Financial Planning Limited, 40 Viewmount Park, Dunmore Road, Waterford X91KH2R, Ireland. Address for service is c/o Viewmount Financial Planning Limited, c/o John M Furlong, 40 Viewmount Park, Dunmore Road, Waterford X91 KH2R, Ireland.

PLACEMATE

273647 12 August 2025

Class 9. Downloadable software applications and mobile apps for navigation in healthcare facilities, providing location-based services, educational resources, and role-specific information for healthcare staff, students, and patients.

Melissa Rodrigues De Freitas, Annaserragh, Clontibret, Monaghan H18AW68, Ireland. Address for service is c/o Melissa De Freitas, Annaserragh, Clontibret, Monaghan H18AW68, Ireland.

FoodFlow

273648 09 August 2025

Class 9. Software.
Class 35. Business consultancy services.
Class 42. Software as a service [SaaS].

i-va connect ltd, 50 Grove Pk, Mountmellick R32FX56, Ireland. Address for service is c/o i-va connect ltd, C/o Siobhan McGinley, 50 Grove Pk, Mountmellick R32FX56, Ireland.



273649 12 August 2025

Class 41. Training services relating to health and safety; Education and training in the field of occupational health and safety; Education and training services in the field

of occupational health and safety.

GHEORGHE POPESCU, 20 Harcourt Street, Dublin D02H364, Ireland. Address for service is c/o GHEORGHE POPESCU, 20 Harcourt Street, Dublin D02H364, Ireland.



273650 14 August 2025

Class 36. Fundraising; arranging fundraising; fundraising services; charitable fundraising; fundraising and sponsorship; charitable fundraising services; fundraising and financial sponsorship; providing information relating to charitable fundraising; mutual fund distribution; fund transfers; providing monetary grants for sports and recreational activities.

Ireland Football Facility Fund Company Limited by Guarantee, National Sports Campus, Abbotstown, Dublin Dublin 15, Ireland. Address for service is c/o John Milligan, Mason Hayes & Curran LLP, South Bank House, Barrow Street, Dublin D04TR29, Ireland.

The mark in use is/will be in the colour(s) White; Green; Green Pantone 341C; Green Pantone 2256C; Green Pantone 2253C; Green Pantone 347C; Green Pantone 3302C.

KINETIC

273651 09 February 2023

- Class 18. Leather and imitations of leather; animal skins, hides; trunks and travelling bags; umbrellas and parasols; walking sticks; whips, harness and saddlery
- Class 25. Headgear for use in recreational and sports fishing only.
- Class 28. Fishing equipment; fish hooks, gut for fishing, fish traps, rods for fishing, reels for fishing, lines for fishing, artificial fishing bait, floats for fishing, bite indicators (fishing tackle); sporting articles (not included in other classes) for use in recreational and sports fishing; bags and rucksacks adapted for fishing tackle, for use in recreational and sports fishing; fishing bags and rucksacks for use in recreational and sports fishing

Fairpoint Outdoors A/S, Gydevang 4,1., DK-3450 Allerød, Denmark. Address for service is c/o Tomkins & Co, 5 Dartmouth Road, Dublin 6 D06 F9C7, Ireland.

The application for registration is proceeding with the consent of the proprietor of Registered EUTM No. 018221685.

Grassroots Is Our Game

273652 08 March 2024

Class 28. Footballs, Reduced sized footballs, Football equipment, Soccer balls, Soccer ball bags, Sportsequipment, Sports training apparatus, Sliotar, Bags adapted to carry sports implements, Bags specially adapted for sports equipment.

Striker Football Europe Ltd, Clonteens, Lombardstown, Cork p51fhh6, Ireland. Address for service is c/o Striker Football Europe Ltd, Clonteens, Lombardstown, Cork p51fhh6, Ireland.

The mark is proceeding with the consent of the proprietors of accepted Trade Mark 270353

HAWK

273653 04 February 2025

Class 9. Photocells; photocells for use with security lighting; photoelectric cells; parts and fittings for the aforementioned goods.

Class 11. Photocells (security lighting operated by-); parts and fittings for the aforementioned goods.

Priority Date Claimed: 22 October 2024 United Kingdom

Lucy Group Ltd, Eagle Works, Walton Well Road, Oxford, Oxfordshire OX2 6EE, United Kingdom. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.

The application for registration is proceeding with the consent of the proprietors of Registered EUTM No's. 01543486 and 019050219.



273654 15 August 2025

Class 18. Dog leashes, Dog leads, Dog collars, Dog shoes, Dog coats, Dog clothing, Dog apparel, Harnesses for dogs, Coats for dogs, Clothing for dogs, Raincoats for pet dogs, Dog waste bag dispensers adapted for use with leashes.

Class 20. Dog baskets, Dog beds, Dispensers, not of metal, for dog waste bags.

James Brown, Rahconorkill Farm, Loughrea, Galway H62W528, Ireland. Address for service is c/o James Brown, Rahconorkill Farm, Loughrea, Galway H62W528, Ireland.

Gareth-Charles Private International Trust

273655 11 August 2025

Class 35. Business Management; business administration; office functions; business consultancy; business advisory services related to the establishment, operation, and management of trusts, estates, and private membership associations; commercial management services; business management assistance for trustees and fiduciaries; compilation of business information; administrative services for legal entities and trusts.

Class 36. Financial services; trust fund investment services; financial planning; estate planning; wealth management; fiduciary services; investment management; fund management; providing financial information; financial consultancy; administration of trusts; administration of investment portfolios; management of assets for trusts, estates and private clients.

Class 45. Legal services; trust and estate administration; preparation and execution of legal documents; provision of fiduciary services; acting as trustee; guardianship services; registration, enforcement and defence of intellectual property rights; legal consultancy in the fields of trust law, estate planning, and private international law; management and administration of private

membership associations; provision of legal information and advisory services.

Gareth Charles Gargan, The Lilies, Newport Road, Castlebar F23RUC, Ireland. Address for service is c/o Gareth Charles Gargan, The Lilies, Newport Road, Castlebar F23RUC, Ireland.

REDZ DIAMONDS

273656 12 August 2025

Class 14. Diamond jewelry.

Messrs Leslie O Neill and Liam Scully, 83 Spencer House, Custom House Square, Dublin 1 D01 CD59, Ireland. Address for service is c/o Messrs Leslie O Neill and Liam Scully, c/o Leslie O Neill, 83 Spencer House, Custom House square, Dublin 1 D01 CD59, Ireland.

BIM Ireland

273657 12 August 2025

Class 16. Printed publications; Advertising publications; Educational publications.

Class 35. Providing business information via a website; Providing marketing information via websites;

- Provision of business and commercial contact information via the Internet.
- Class 37. Construction information; Providing construction information; Building construction advisory services; Providing information relating to building construction; Providing information relating to the construction, repair and maintenance of buildings; Providing building construction information via a website.
- Class 41. Providing electronic publications; Publishing of electronic publications; Providing online electronic publications; Providing on-line publications; Providing on-line electronic publications; Multimedia publishing; Multimedia publishing of magazines, journals and newspapers; Multimedia publishing of books; Multimedia publishing of electronic publications; Publication of electronic magazines; News reporting; Publication of newsletters.

National and International Publications Limited, Railway House, Cregg Road, Carrick on Suir, Tipperary, Ireland. Address for service is c/o Jeremy Erwin, Hayes solicitors LLP, Lavery House, Earlsfort Terrace, Dublin 2 D02 T625, Ireland.

SOLFI

273658 14 August 2025

- Class 9. Software.
- Class 36. Financial services.
- Class 40. Production of electrical energy from renewable sources.
- Class 42. Software as a service [SaaS].

Jonathan Madden, Ballyleen, Tynagh, Galway H62X067, Ireland. Address for service is c/o Jonathan Madden, Ballyleen, Tynagh, Galway H62X067, Ireland.



273659 22 July 2025

- Class 43. Take-away fast food services; Fast food restaurants.

KASHIF SIDDIQUE QAZI, 50 HEATHFIELD, KINNEGAD, WESTMEATH N91WK40, Ireland. Address for service is c/o KASHIF SIDDIQUE QAZI, 50 HEATHFIELD, KINNEGAD, WESTMEATH N91WK40, Ireland.

CME BROKERTEC**273660** 06 February 2024

Class 35. Compiling data for measuring the performance of financial markets.

BROKERTEC EUROPE LIMITED, London Fruit And Wool Exchange, 1 Duval Square, London, E1 6PW, United Kingdom. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

The Application for Registration is proceeding with the consent of the Proprietors of Registered Irish Trade Mark No. 271710.

The logo for Cleanology, featuring the word "Cleanology" in a blue, sans-serif font.**273661** 20 May 2025

Class 37. Cleaning Services.

Raed Taha Mohammad Habat, Claremont Broadford, Co. Clare V94K2N1, IrelandSaad Taha Mohammad Habat, Claremont Broadford, Co. Clare V94K2N1, Ireland. Address for service is c/o Raed Taha Mohammad Habat and Saad Taha Mohammad Habat, c/o Raed Taha Mohammad Habat, Claremont Broadford, Clare V94K2N1, Ireland.

Shibumi Consulting Limited**273662** 18 July 2025

Class 42. Technical planning and consulting in the field of light engineering.

Shibumi Consulting Limited, Unit 6 Airside, Gulf Stream Avenue, Waterford X91 HR67, Ireland. Address for service is c/o Shibumi Consulting Limited, Unit 6 Airside, Gulf Stream Avenue, Waterford X91 HR67, Ireland.

The logo for Shibumi, featuring a stylized blue 'S' icon followed by the word "shibumi" in a lowercase, sans-serif font.**273663** 18 July 2025

Class 42. Technical planning and consulting in the field of light engineering.

Shibumi Consulting Limited, Unit 6 Airside, Airport Business Park, Waterford X91 HR67, Ireland. Address for service is c/o Shibumi Consulting Limited, c/o Anthony Owens, Unit 6 Airside, Airport Business Park, Waterford X91 HR67, Ireland.

The mark in use is/will be in the colour(s) Pantone 534C and Pantone 7683C.

Pico-Mist

273664 27 March 2025

Class 10. Nebulisers; Inhalers; Inhalers for therapeutic use; Inhalers for medical use; Inhalers for the evaporation of aromatherapeutical substances; Inhalers for the evaporation of para-medical substances.

Brian Fitzpatrick, 57 Abbeyfield, Clontarf West, Dublin D05X9X4, Ireland. Address for service is c/o Brian Fitzpatrick, 57 Abbeyfield, Clontarf West, Dublin D05X9X4, Ireland.



273665 13 August 2025

Class 41. Training services relating to computer software.
Class 42. Information technology consultancy.

Enda Kelly, Kitown, Killygordon, Donegal F93 R850, Ireland. Address for service is c/o CloudNua, 51 Bracken Road, Dublin D18 CV48, Ireland.

Hug Your Book

273666 14 August 2025

Class 9. Downloadable electronic publications in the nature of books, manuals, and workbooks in the field of literacy and educational development for children; downloadable educational course materials; downloadable e-books; downloadable instructional guides in electronic form.
Class 16. Printed educational materials in the field of literacy and educational development for children; printed books; printed teaching manuals; printed workbooks; printed instructional guides; printed worksheets.
Class 41. Education services, namely, conducting literacy programmes; arranging and conducting workshops, seminars, and training in the field of literacy and educational development for children; provision of online non-downloadable educational courses and training materials in the field

of literacy and educational
development for children.

Priority Date Claimed: 13 August 2025 United
Kingdom

Lana McCarthy, 5 Churchwell Crescent, Dublin 13,
Ireland. Address for service is c/o David Bridgeman,
The Academy, 42 Pearse Street, Dublin D02 HV59,
Ireland.



**Irish Construction
Excellence Awards**

273667 13 August 2025

Class 37. Construction information;
Providing construction
information; Providing
information relating to
building construction;
Construction advisory
services; Providing
information relating to the
construction, repair and
maintenance of buildings.

Class 41. Hosting [organising] awards;
Arranging of award
ceremonies; Arranging and
conducting award
ceremonies; Arranging of
award ceremonies to
recognise achievement.

National and International Publications Limited,
Railway House, Cregg Road, Carrick on Suir,
Tipperary, Ireland. Address for service is c/o Jeremy
Erwin, Hayes solicitors LLP, Lavery House,
Earlsfort Terrace, Dublin 2 D02 T625, Ireland.



273668 13 August 2025

Class 37. Cleaning of mats.

Footfall Ltd, Briarhill Business Park, Unit 55c
Ballybrit, Galway H91 TR2K, Ireland. Address for
service is c/o Footfall Ltd, c/o Malcolm Goodbody,
Briarhill Business Park, Unit 55c Ballybrit, Galway
H91 TR2K, Ireland.

The mark in use is/will be in the colour(s) #5c6061
and #64b140

James Brown

273669 15 August 2025

Class 5. Dog washes [insecticides];
Diapers for dogs; Repellents
for dogs; Dogs (Repellents
for -); Dog washes being
insecticides; Dog lotions for
veterinary purposes.

Class 6. Metal dog tags; Dispensers
of metal for dog waste bags.

Class 18. Dog leashes; Dog leads; Dog
collars; Dog shoes; Dog
coats; Dog clothing; Dog
apparel; Harnesses for dogs;
Coats for dogs; Clothing for
dogs; Raincoats for pet dogs;
Dog waste bag dispensers
adapted for use with leashes.

Class 20. Dog baskets; Dog beds;
Dispensers, not of metal, for
dog waste bags.

- Class 21. Dog food scoops.
- Class 28. Dog toys; Toys for dogs.
- Class 31. Dog food; Dog foods; Dog biscuits; Edible dog treats; Dog treats [edible]; Beverages for dogs; Biscuits for dogs; Bones for dogs; Pet food for dogs; Food preparations for dogs; Chewing bones for dogs; Canned foods for dogs; Canned foodstuffs for dogs; Edible chews for dogs; Foods containing chicken for feeding dogs; Foods containing liver for feeding dogs; Foods containing beef for feeding dogs; Foods flavoured with liver for feeding dogs; Foods flavoured with beef for feeding dogs; Foods flavoured with chicken for feeding dogs; Foods in the form of rings for feeding to dogs.

James Brown, Rahconorkill Farm, Loughre, Co. Galway H62W528, Ireland. Address for service is c/o James Brown, Rahconorkill Farm, Loughre, Co. Galway H62W528, Ireland.

Salt & Steam Coffee

273670 26 June 2025

- Class 11. Coffee machines; Electric coffee making machines; Coffee makers; Electric coffee makers; Coffee makers, electric; Espresso coffee machines; Electric espresso machines.

DWR Ecommerce Solutions Limited, UNIT 3D NORTH POINT HOUSE, NORTH POINT BUSINESS PARK, NEW MALLOW ROAD, CORK, Ireland. Address for service is c/o DWR Ecommerce Solutions Limited, UNIT 3D NORTH POINT HOUSE, NORTH POINT BUSINESS PARK, NEW MALLOW ROAD, CORK, Ireland.

Fokearn

273671 14 August 2025

- Class 9. Charging stations for electric vehicles.
- Class 37. Charging of electric vehicles.

Andrew Fogarty, 88 Boyne Meadows, Edenderry, Offaly R45fd63, Ireland. Address for service is c/o Andrew Fogarty, 88 Boyne Meadows, Edenderry, offaly R45fd63, Ireland.



273672 12 August 2025

Class 44. Beauty salons; Spa services.

REGINA V&H LIMITED, 121 SAINT, PATRICK STREET, CORK, Ireland. Address for service is c/o REGINA V&H LTD c/o THU HA LE, 9 THE BEECHES, WOODVILLE, GLANMIRE, cork, Ireland.

The mark in use is/will be in the colour(s) LIGHT GRAY, BLACK, MUSTARD YELLOW

uhomes.com

273673 03 March 2025

Class 9. Downloadable software; data processing apparatus; recorded or downloadable computer operating programs; computer programs (downloadable software); intercommunication apparatus; smartphones; internet communications apparatus; global positioning systems (GPS); downloadable electronic publications; measuring equipment.

Class 35. Advertising; marketing studies; commercial intermediation services; providing business information via a website; providing online marketplaces for buyers and sellers of goods and/or services; human resources consultation; human resources management and recruitment services; updating and maintenance of data in computer databases; compilation of business

information; sponsorship search.

Class 36. Electronic funds transfer; fund investment; rent collection; financial evaluation [insurance, banking real estate]; business liquidation services, financial; rental of real estate; real estate agencies; real estate brokerage; financial analysis; trust services.

Uhomes.com Tianjin Inc., 2301-01, Tower A, Tianjin Lujiazui Financial Sq., No. 170 Beima Rd, Hongqiao, Tianjin, China. Address for service is c/o Anne Ryan & Co, 2 Crofton Terrace, Dun Laoghaire, Co. Dublin, A96 V6P7, Ireland.

The application for registration is proceeding based on honest concurrent use with Registered European Union Trade Mark No: 018693394 and Registered European Union Trade Mark No. 018968619.

KISH FISH

273674 24 October 2024

Class 29. Seafood; Processed seafood; Fish; processed fish; smoked fish; smoked salmon; prepared meals consisting primarily of fish; prepared meals consisting primarily of seafood; Cooked meals consisting principally of fish; soups; chowder; Fish cakes; Fish cakes; Fish preserves; Fish spread; Frozen fish; Tinned fish; Fish extracts; Cooked fish; Fish, preserved; Prepared fish dishes; Processed fish products for human consumption; Food products made from fish;

- Foods prepared from fish;
Fish eggs for human consumption; Fish roe, prepared; Chilled foods consisting predominately of fish; sashimi; Oysters, not live; Fish with chips.
- Class 31. Raw fish and raw seafood; Live oysters; Live seafood; Live fish; Live fish for human consumption.
- Class 35. Retail and wholesale services relating to seafood, shellfish and fish.
- Class 40. Processing of fish, seafood and shellfish; fish smoking services.
- Class 43. Catering services; services for the provision of food and drinks; Snack bar services; Take-away food and drink services; Restaurant services.

KISH FISH COMPANY LIMITED, Malahide Road Industrial Park, Coolock, Dublin D17 C674, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

The application for registration is proceeding based on honest concurrent use with International Registration No. W01795020.



Application is for a Series of 3 Trade Marks.

273675 14 July 2025

- Class 35. Retail and trade sales services in relation to vehicles, vehicle parts and fittings, and vehicle accessories; Distributorship services in relation to vehicles and vehicle parts and fittings; Advertising services; Organisation of exhibitions and trade fairs for commercial or advertising purposes; Promotion of goods and services through sponsorship; Operation of loyalty schemes; Providing information about vehicles for sale by means of the internet; Business consultancy services and business management advisory services, relating to the distribution, sale, maintenance, restoration, repair, and customisation of vehicles including used vehicles; Business management of a vehicle fleet for others; Consultancy,

advisory and information services relating to the aforesaid services.

- Class 36. Financial services relating to the purchase and maintenance of vehicles; Loan and credit, and lease-finance services; Fundraising and financial sponsorship; Financial appraisal services; Financial analyses in the field of vehicle fleets; Consultancy, advisory and information services relating to the aforesaid services.

- Class 37. Repair, servicing, maintenance, restoration, cleaning, painting, and polishing of vehicles and parts and fittings thereof; Installation services in relation to vehicle parts and fittings; Vehicle diagnostic or inspection services; Vehicle breakdown assistance [repair]; Providing emergency roadside repair assistance service; Providing maintenance and vehicle repair assistance and information to drivers regarding their vehicles; Custom modification of vehicles; Vehicle battery charging services and vehicle battery replacement services; Consultancy, advisory and information services relating to the aforesaid services.

Blackstone Motors Limited, Newgrange Business Park, Donore Road, Drogheda Co. Louth A92 YE81, Ireland. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.



273676 14 July 2025

- Class 35. Retail and trade sales services in relation to vehicles, vehicle parts and fittings, and vehicle accessories; Distributorship services in relation to vehicles and vehicle parts and fittings; Advertising services; Organisation of exhibitions and trade fairs for commercial or advertising purposes; Promotion of goods and services through sponsorship; Operation of loyalty schemes; Providing information about vehicles for sale by means of the internet; Business consultancy services and business management advisory services, relating to the distribution, sale, maintenance, restoration, repair, and customisation of vehicles including used vehicles; Business management of a vehicle fleet for others; Consultancy, advisory and information services relating to the aforesaid services.

- Class 36. Financial services relating to the purchase and

maintenance of vehicles;
Loan and credit, and lease-finance services; Fundraising and financial sponsorship; Financial appraisal services; Financial analyses in the field of vehicle fleets; Consultancy, advisory and information services relating to the aforesaid services.

- Class 37. Repair, servicing, maintenance, restoration, cleaning, painting, and polishing of vehicles and parts and fittings thereof; Installation services in relation to vehicle parts and fittings; Vehicle diagnostic or inspection services; Vehicle breakdown assistance [repair]; Providing emergency roadside repair assistance service; Providing maintenance and vehicle repair assistance and information to drivers regarding their vehicles; Custom modification of vehicles; Vehicle battery charging services and vehicle battery replacement services; Consultancy, advisory and information services relating to the aforesaid services.

Blackstone Motors Limited, Newgrange Business Park, Donore Road, Drogheda Co. Louth A92 YE81, Ireland. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.

ActiveApe

273677 05 August 2025

- Class 18. Bags; gym bags; sports bags; duffel bags; backpacks; rucksacks; holdalls; waist bags; bum bags; tote bags; shoe bags; shoulder bags; drawstring bags; kit bags; travel bags; handbags; sling bags; messenger bags; carry-all bags; waterproof bags; pouches; cosmetic cases (sold empty); toiletry bags (sold empty); garment bags for travel; wallets; card holders; key cases; luggage; suitcases; trolley bags; leather and imitation leather goods; leather straps and handles for bags.

- Class 25. Clothing, footwear, and headgear; sportswear; gym wear; athletic apparel; activewear; compression garments; moisture-wicking and thermal clothing; base layers; training tops and bottoms; quarter-zip tops; long-sleeve and short-sleeve tops; t-shirts; tank tops; crop tops; sweatshirts; hooded sweatshirts; jumpers; fleeces; sweaters; sports bras; leggings; tights; joggers; tracksuits; shorts (including cycling and running shorts); swimwear; jackets (including sports jackets, windbreakers, and rainwear); gilets; vests; outerwear; casual wear; accessories namely headbands, wristbands, gloves, socks; headgear including caps, beanies, hats, baseball caps and bandanas; footwear including trainers, gym shoes, running shoes, sandals, slides, and performance footwear; insoles.

- Class 35. Retail and wholesale services, including online retail and wholesale services, relating to clothing, gym wear, sportswear, athletic apparel, footwear, and headgear; operation of an

online store featuring fitness, sports, and lifestyle clothing and accessories; provision of an online marketplace for buyers and sellers of fitness and lifestyle apparel; advertising, marketing, and promotional services; brand promotion through digital media, influencer collaborations, affiliate marketing, and commercial partnerships; social media marketing services; content creation and management for marketing purposes on digital platforms including Instagram, Facebook, TikTok, YouTube, and X (formerly Twitter); organisation and management of product launch campaigns; online and offline brand activation events; customer loyalty program management and implementation; distribution of promotional materials; provision of consumer information, product reviews, and recommendations; business management and administrative services relating to the operation of e-commerce platforms; logistics, order fulfilment, and supply chain management services related to online retail.

Rory Ryan, Cappahuse, Ballydangan, Athlone, Roscommon N37DK83, Ireland. Address for service is c/o Rory Ryan, Cappahuse, Ballydangan, Athlone, Roscommon N37DK83, Ireland.

Blackstone Motors

273678 15 July 2025

- Class 35. Retail and trade sales services in relation to vehicles, vehicle parts and fittings, and vehicle accessories; Distributorship services in relation to vehicles and vehicle parts and fittings; Advertising services; Organisation of exhibitions and trade fairs for commercial or advertising purposes; Promotion of goods and services through sponsorship; Operation of loyalty schemes; Providing information about vehicles for sale by means of the internet; Business consultancy services and business management advisory services, relating to the distribution, sale, maintenance, restoration, repair, and customisation of vehicles including used vehicles; Business management of a vehicle fleet for others; Consultancy, advisory and information services relating to the aforesaid services.
- Class 36. Financial services relating to the purchase and maintenance of vehicles; Loan and credit, and lease-finance services; Fundraising and financial sponsorship; Financial appraisal services; Financial analyses in the field of vehicle fleets; Consultancy, advisory and information services relating to the aforesaid services.
- Class 37. Repair, servicing, maintenance, restoration, cleaning, painting, and polishing of vehicles and parts and fittings thereof;

Installation services in relation to vehicle parts and fittings; Vehicle diagnostic or inspection services; Vehicle breakdown assistance [repair]; Providing emergency roadside repair assistance service; Providing maintenance and vehicle repair assistance and information to drivers regarding their vehicles; Custom modification of vehicles; Vehicle battery charging services and vehicle battery replacement services; Consultancy, advisory and information services relating to the aforesaid services.

Blackstone Motors Limited, Newgrange Business Park, Donore Road, Drogheda, Co Louth A92 YE81, Ireland. Address for service is c/o Tomkins & Co, 5 Dartmouth Road, Dublin 6 D06 F9C7, Ireland.

Modh

273679 18 August 2025

Class 9. Software; Mobile apps; Downloadable software applications; Mobile application software.

Shona Flynn, 44 Applewood Heights, Greystones, Ireland. Address for service is c/o Shona Flynn, 44 Applewood Heights, Greystones, Ireland.

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

Capital Financial Planning Ltd

273680 13 August 2025

Class 36. Financial advice; Financial advice relating to pensions; Financial advice relating to investment.

Alan Bailey, 1 The Rise, Boden Park, Rathfarnham D16E5W0, Ireland. Address for service is c/o Alan Bailey, 1 The Rise, Boden Park, Rathfarnham D16E5W0, Ireland.



Application is for a Series of 2 Trade Marks.

273681 22 July 2025

Class 20. Mattresses; Mattress toppers; Mattress pads; Mattress bases; Spring mattresses; Bed mattresses; Foam mattresses; Beds, mattresses, pillows and cushions; Pillows; Furniture; Bedroom furniture; Headboards.

Class 24. Mattress covers; Covers for mattresses; Pillowcases; Pillowcovers; Pillowcases [pillow slips]; Pillow cases; Pillow covers; Pillow slips.

Paul O'Dwyer, Spafield, Cahir Road, Cashel E25 NW82, Ireland. Address for service is c/o Paul

O'Dwyer, Spafield, Cahir Road, Cashel E25 NW82, Ireland.



273682 12 August 2025

Class 44. Beauty salons; Spa services.

REGINA V&H LIMITED, 121 SAINT PATRICK STREET, CORK, Ireland. Address for service is c/o REGINA V&H LTD c/o THU HA LE, 9 THE BEECHES, WOODVILLE, GLANMIRE, CORK, CORK, Ireland.

The mark in use is/will be in the colour(s) LIGHT GRAY, BLACK, GOLD, SILVER, GREEN, RED & WHITE



273683 16 August 2025

- Class 7. Stamping machines for printed materials in sheet form.
- Class 9. Software and applications for mobile devices; Computer software for controlling the operation of audio and video devices; Computer software for mobile applications that enable interaction and interface between vehicles and mobile devices; Downloadable computer game software via a global computer network and wireless devices; Computer software for use on handheld mobile digital electronic devices and other consumer electronics; Software for the control of stage lighting apparatus and instruments; Electronic device software drivers that allow computer hardware and electronic devices to communicate with each other; Computer software for the remote control of office machines and equipment.
- Class 16. Printed teaching materials; Printed educational materials; Printed training materials; Printed correspondence course materials; Printed packaging materials of paper.
- Class 24. Printed fabrics.
- Class 35. Business management and consultancy services; Business management and consulting services; Business management and consultation services; Business assistance, management and administrative services; Business management consultancy and advisory services; Consultancy and advisory services for business management; Advisory services and information in business

organization and management; Advisory services relating to business management and business operations; Advisory services relating to business organisation and management; Consultancy and advisory services relating to business management; Assistance, advisory services and consultancy with regard to business management; Assistance and consultancy services in the field of business management of companies in the energy sector; Distribution and dissemination of advertising materials [leaflets, prospectuses, printed material, samples].

Class 41. Education and training; Education and training consultancy; Education and training services; Linguistic education and training services; Vocational education and training services; Career counselling relating to education and training; Education and training services in relation to business management.

Class 42. Rental of computer software, data processing equipment and computer peripheral devices; Maintenance of computer software used for operating filling apparatus and machines; Scientific and technological services.

Class 44. Medical and healthcare services.

SLEEP AND BRAIN RESEARCH CENTRE LIMITED, 26 CLARE STREET, SLEEP NEUROLAB, DUBLIN D02VX59, Ireland. Address for service is c/o Sleep and Brain Research Centre c/o Cesar Jayaro, 26 Clare Street, Sleep Neurolab, dublin d02vx59, Ireland.



273684 17 August 2025

Class 41. Health and wellness training.

Anamaria de Paula Costa-Mueller, 109 Glazier House, Mayor Street Upper, Dublin D01H7Y0, Ireland. Address for service is c/o Anamaria de Paula Costa-Mueller, 109 Glazier House, Mayor Street Upper, Dublin D01H7Y0, Ireland.

Fastnet AMS

273685 13 August 2025

Class 42. Information technology services.

Ali Chabaane, 90 Morehampton Road, Dublin D04 W0C1, Ireland. Address for service is c/o Ali Chabaane, 90 Morehampton Road, Dublin D04 W0C1, Ireland.

AÉRA

273686 31 July 2025

Class 18. Luggage and carrying bags; Sports bags; Luggage, bags,

- wallets and other carriers;
Holdalls; Handbags; Purses;
Haversacks, rucksacks
Umbrellas and parasols;
Walking sticks; Whips,
harness and saddlery;
Collars, leashes and clothing
for animals.
- Class 25. Clothing, footwear,
headwear; Sportswear;
Sports caps and hats; Sports
footwear; Sports jackets;
Boots for sport; Sports
headgear [other than
helmets]; Sports clothing
[other than golf gloves].
- Class 28. Games, toys and playthings;
Video game apparatus;
Gymnastic and sporting
articles; Sporting articles and
equipment; Swimming
equipment; Exercise
equipment; Fitness
equipment; Sports
equipment; Bags adapted for
sporting articles; Decorations
for Christmas trees.
- Class 35. Advertising; Business
management; Business
administration; Office
functions; retail store service,
mail order services, and on-
line (or internet) retail
services in respect of luggage
and carrying bags, sports
bags, luggage, bags, wallets
and other carriers, holdalls,
handbags, purses,
haversacks, rucksacks,
umbrellas and parasols,
walking sticks, whips,
harness and saddlery, collars,
leashes and clothing for
animals, clothing, footwear,
headgear, sportswear, sports
caps and hats, sports
footwear, sports jackets,
boots for sports, sports
headgear [other than
helmets], sports clothing
[other than golf gloves],
games, toys and playthings,
video game apparatus,
gymnastic and sporting
articles, sporting articles and

equipment, swimming
equipment, exercise
equipment, fitness
equipment, sports equipment,
bags adapted for sporting
articles, decorations for
Christmas trees; provision of
the aforesaid services from a
computer database or the
Internet; compilation of
advertisements for use as
web pages on the Internet;
provision of space on web
sites for advertising and
retailing goods; advisory and
information services relating
to the aforesaid.

Thomas O Brien, Killeen Patrickswell, Limerick
V94 Y7YF, Ireland. Address for service is c/o
Thomas O Brien, Killeen Patrickswell, Limerick
V94 Y7YF, Ireland.

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

- 270891** Advertised in Journal No. 2521 dated
31/07/2024
- Specification of goods amended to read:
- Class 25 Clothing, footwear, headgear
for use in connection with security and
staff services and merchandise.
Class 37 Building maintenance and
repair; property development and
property maintenance services; on-site
building project management.
- 272569** Advertised in Journal No. 2543 dated
04/06/2025
- Specification of goods amended to read:
- Class 33 Wine.

Opposition(s) under Section 43 of the 1996 Act

- 272913** ICSG Limited. Opposition filed 25 November 2025
- 270353** Boulder Formats Ltd. Opposition withdrawn 09 December 2025
- 272572** Serosep Ltd. Application withdrawn 04 December 2025

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

- 272244** Isaac O'Neill
- 272246** Stephen Hayes
- 272256** Emmett Hegarty
- 272282** Tracey Diamond
- 272297** Tham Nguyen
- 272298** Tham Nguyen
- 272300** PATRICK MAUGHAN

Trade Marks Registered under the 1996 Act

- 265194** (2441) Cl. 33. BLACKWATER DISTILLERY LIMITED
- 270891** (2521) Cl. 25 37. Google LLC
- 271966** (2536) Cl. 18 25. Rachel McCormack
- 272349** (2541) Cl. 9 16 35 41. Roisin Fitzpatrick
- 272520** (2543) Cl. 35 41. Sky Red Leadership Limited
- 272671** (2545) Cl. 25. Ellie Rodgers
- 272676** (2545) Cl. 25. William Enearu
- 272696** (2545) Cl. 32. Simon Lambert & Sons Ltd
- 272701** (2545) Cl. 44. Yayicsia Yoliset Escalona Alba
- 272716** (2546) Cl. 25. Michael Sweeney
- 272727** (2546) Cl. 9 16 35 41. Paul Redmond
- 272729** (2546) Cl. 44. Yayicsia Yoliset Escalona Alba
- 272734** (2546) Cl. 44. Saffron Hennigan
- 272736** (2546) Cl. 43. Christopher Coyle
- 272746** (2546) Cl. 3. RonnocoB Ltd
- 272792** (2547) Cl. 35 36. easyGroup Limited
- 272811** (2547) Cl. 11 21. Zaadys Limited

- 272826** (2548) Cl. 3 5 35 44. Hickey's Pharmacy Limited
- 272827** (2548) Cl. 29. Devrone Unlimited Company
- 272832** (2548) Cl. 9 16 35 36. Goodbody Stockbrokers UC
- 272836** (2548) Cl. 33. E. & J. Gallo Winery
- 272838** (2548) Cl. 5. Aldi Stores (Ireland) Limited
- 272853** (2548) Cl. 1. Textiles Coated, Inc.
- 272857** (2548) Cl. 3 4. Handsome Scent Limited
- 272859** (2548) Cl. 5. Pharmacia & Upjohn Company LLC
- 272862** (2548) Cl. 3 5. Kenvue Inc.
- 272865** (2548) Cl. 41 44. Seamus Smyth
- 272868** (2548) Cl. 9 42. Clanwilliam Headquarters Limited
- 272876** (2548) Cl. 9 38 41. Bally's Management Group, LLC
- 272883** (2548) Cl. 41. Naledi Kumalo
- 272885** (2548) Cl. 36. 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
- 272891** (2549) Cl. 36. Christopher James Stuart Freeland
- 272892** (2549) Cl. 40 42. Stephen Kehoe
- 272894** (2549) Cl. 41. Mutaz Mahmoud
- 272895** (2549) Cl. 41. Board of Management of St Attracta's Community School
- 272897** (2549) Cl. 9 42. RAMDVG LIMITED
- 272898** (2549) Cl. 9 42. RAMDVG LIMITED
- 272900** (2549) Cl. 9 41. CrackIt Learning Ltd
- 272901** (2549) Cl. 10. AMO Ireland
- 272902** (2549) Cl. 25. NEWCASTLE UNITED FOOTBALL COMPANY LIMITED
- 272903** (2549) Cl. 7 9 35 37 38 40 41 42 45. Robotics and Control
- 272911** (2549) Cl. 5 29 30 32. N.V. Nutricia
- 272918** (2549) Cl. 19. Roadstone Limited
- 272919** (2549) Cl. 9 16 35 36 41. Allied Irish Banks PLC
- 272920** (2549) Cl. 41. Colaiste Pobail Fola
- 272921** (2549) Cl. 30. Dunhills (Pontefract) Plc
- 272923** (2549) Cl. 9 16 18 35 39 41 43. Times Media Limited
- 272924** (2549) Cl. 9 16 18 35 39 41 43. Times Media Limited
- 272926** (2549) Cl. 29 30. PEPSICO, INC.
- 272927** (2549) Cl. 33. Joanne Kangley
- 272928** (2549) Cl. 29 30. PEPSICO, INC.
- 272930** (2549) Cl. 3 44. Celtic Seaweed Bath Products Limited
- 272931** (2549) Cl. 9 42. Paul Kenny McGrath
- 272932** (2549) Cl. 36 42. Pipe Technologies Inc.

272934 (2549) Cl. 9. APPLE INC.
 272935 (2549) Cl. 42. APPLE INC.
 272936 (2549) Cl. 41. Big Fish Promotions Ltd
 272938 (2549) Cl. 25 41. Board of Management
 of Galway Educate Together Secondary
 School

Renewal of Registrations Under Section 48 of the 1996 Act

48293 Cl. 7. GILBARCO INC.
 48294 Cl. 9. GILBARCO INC.
 49201 Cl. 30. KRAFT FOODS SCHWEIZ
 HOLDING GMBH
 51557 Cl. 7. MASSEY FERGUSON
 CORPORATION
 66173 Cl. 3. Laboratoires Expanscience
 67884 Cl. 1. Lanxess Deutschland GmbH
 77421 Cl. 3. Moncler S.p.A.
 77661 Cl. 5. PHIBRO ANIMAL HEALTH
 CORPORATION
 77662 Cl. 31. PHIBRO ANIMAL HEALTH
 CORPORATION
 77945 Cl. 16. Luxembourg Brands S.à r.l.
 78018 Cl. 14. Time Products (UK) Limited
 78335 Cl. 14. CHRISTIAN DIOR COUTURE
 78377 Cl. 30. CADBURY UK LIMITED
 78516 Cl. 3. ANTONIO PUIG, S.A.
 79114 Cl. 33. Irish Distillers International
 Limited
 79294 Cl. 30. THE EZAKI GLICO
 KABUSHIKI-KAISHA (THE EZAKI
 GLICO COMPANY, LIMITED)
 113271 Cl. 3. YVES SAINT LAURENT
 PARFUMS
 114450 Cl. 9. Richemont International SA
 114451 Cl. 16. Richemont International SA
 114452 Cl. 34. Richemont International SA
 114864 Cl. 1, Cl. 17. Envalior B.V.
 115293 Cl. 18. Mandarina Duck S.p.A.
 115661 Cl. 7, Cl. 8, Cl. 9. HUSQVARNA
 AKTIEBOLAG
 115665 Cl. 9. HSBC Group Management
 Services Limited
 115666 Cl. 16. HSBC Group Management
 Services Limited
 115668 Cl. 12. BRAMBLES TECHNOLOGY
 PTY LIMITED
 115669 Cl. 21. BRAMBLES TECHNOLOGY
 PTY LIMITED
 116321 Cl. 9, Cl. 16, Cl. 25. BFD Group
 Creative Ventures, LLC
 116782 Cl. 33. J. Carranca Redondo, LDA
 119219 Cl. 3. Richemont International SA
 119220 Cl. 8. Richemont International SA
 119221 Cl. 9. Richemont International SA

119222 Cl. 14. Richemont International SA
 119223 Cl. 16. Richemont International SA
 119224 Cl. 18. Richemont International SA
 119225 Cl. 21. Richemont International SA
 119226 Cl. 25. Richemont International SA
 119227 Cl. 28. Richemont International SA
 119228 Cl. 33. Richemont International SA
 119229 Cl. 34. Richemont International SA
 120175 Cl. 30. Ritter Schönbuch
 Vermögensverwaltungs GmbH & Co.
 KG
 233474 Cl. 4, Cl. 35, Cl. 39. GREAT GAS
 PETROLEUM (IRELAND) PLC
 233554 Cl. 5. BAYER CONSUMER CARE AG
 233643 Cl. 9, Cl. 16, Cl. 35, Cl. 36, Cl. 41, Cl.
 42. ULSTER BANK LIMITED
 233645 Cl. 9, Cl. 16, Cl. 35, Cl. 36, Cl. 41, Cl.
 42. NatWest Group Plc
 233669 Cl. 9, Cl. 16, Cl. 35, Cl. 36, Cl. 41, Cl.
 42. NatWest Group Plc
 233674 Cl. 9, Cl. 16, Cl. 35, Cl. 36, Cl. 41, Cl.
 42. NatWest Group Plc
 233922 Cl. 16, Cl. 22. Tama Plastic Industry
 234317 Cl. 3. Unilever Global IP Limited
 234415 Cl. 16, Cl. 35, Cl. 41. BMF BUSINESS
 SERVICES LIMITED
 234546 Cl. 3. Unilever Global IP Limited
 234554 Cl. 3. Unilever Global IP Limited
 234670 Cl. 6, Cl. 14, Cl. 16, Cl. 20, Cl. 21, Cl.
 26, Cl. 35, Cl. 36, Cl. 41, Cl. 43, Cl. 44,
 Cl. 45. CONGREGATION OF THE
 SISTERS OF MERCY
 234672 Cl. 6, Cl. 14, Cl. 16, Cl. 20, Cl. 21, Cl.
 26, Cl. 35, Cl. 36, Cl. 41, Cl. 43, Cl. 44,
 Cl. 45. CONGREGATION OF THE
 SISTERS OF MERCY
 234673 Cl. 6, Cl. 14, Cl. 16, Cl. 20, Cl. 21, Cl.
 26, Cl. 35, Cl. 36, Cl. 41, Cl. 43, Cl. 44,
 Cl. 45. CONGREGATION OF THE
 SISTERS OF MERCY
 236200 Cl. 9, Cl. 16, Cl. 41. INTELLECTUAL
 RESERVE, INC.
 237017 Cl. 7, Cl. 9, Cl. 11. LG Corp.
 243284 Cl. 36. Sheraton International IP, LLC
 243285 Cl. 3. Cosmetic Dermatology, LLC
 253604 Cl. 41, Cl. 42, Cl. 44. Kerry Group
 Services International Limited
 254214 Cl. 29, Cl. 30, Cl. 32. Kerry Group
 Services International Limited
 254215 Cl. 29, Cl. 30, Cl. 32. Kerry Group
 Services International Limited
 254224 Cl. 5. Cf Pharma Ltd
 254294 Cl. 16, Cl. 35. Sofidel S.p.a.
 254319 Cl. 5. MOUNT MILLS (NI) LIMITED
 254411 Cl. 30. Coghlan's Bakery Products
 Limited
 254418 Cl. 38. Cubic Telecom

254426	Cl. 9. Cubic Telecom
254427	Cl. 38. Cubic Telecom
254437	Cl. 38. Cubic Telecom
254450	Cl. 41. Esperanto Limited
254557	Cl. 38. Cubic Telecom
254706	Cl. 9. Cubic Telecom
254797	Cl. 30. CADBURY UK LIMITED
255060	Cl. 1, Cl. 3, Cl. 5, Cl. 29, Cl. 30, Cl. 32. NURITAS LIMITED
255120	Cl. 32. Treaty City Brewing
255148	Cl. 45. ERNEST J. CANTILLON
255309	Cl. 32. Treaty City Brewing Company
255312	Cl. 30. CADBURY UK LIMITED
256003	Cl. 36, Cl. 37, Cl. 42. SENNOCKE INTERNATIONAL INSURANCE SERVICES LIMITED

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

261201 Class 36. Mortgage Horizons Ltd.
The mark in the proposed altered form, is as shown
hereunder:

doddl
doddl

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.

OVENPAK

0402169 08/10/2025

Class 11. Installations for lighting, heating, steam generating, cooking, refrigerating, drying, ventilating, water supply and sanitary purposes.

Honeywell Measurex (Ireland) Limited, Block A,
5Th Floor, The Atrium, Blackthorn Road,
Sandyford, Dublin 18, Ireland

Representative: Bird & Bird (Netherlands) LLP,
Zuid-Hollandplein 22, NL-2596
AW Den Haag, The
Netherlands

Class 6. Window frames of metal, window stops of metal, windows of metal, strap-hinges, shutters of metal, jalousies of metal, door chassis of metal, door panels of metal, doors of metal, door frames of metal, outdoor blinds of metal.

Class 19. Window frames not of metal, window glass, windows not of metal, shutters not of metal, jalousies not of metal, doors not of metal, door frames not of metal, door panels not of metal, insulating glass (construction), moldings (construction) not of metal, outdoor blinds neither of metal nor of textile materials.

FINSTRAL SPA, Via Gasterer, 1, I-39050
RENON/AUNA DI SOTTO (BZ), Italy

Representative: Oberosler Ludwig c/o
Oberosler Sas, Via Dante 20/A,
CP 307, I-39100 Bolzano, Italy



0708112 10/09/2025



1425775 11/07/2025

- Class 2. Dyes; binding preparations for paints; glazes [paints, lacquers]; primers; paints; lacquers; coatings [paints]; undercoating for vehicle chassis; anti-fouling paints; anti-corrosive preparations; protective preparations for metals; anti-tarnishing preparations for metals; enamels [varnishes].
- Class 17. Plastic film, other than for wrapping; plastic film for protecting paint and glass.
- Class 35. Import-export agency services; invoicing; demonstration of goods; opinion polling; market studies; marketing research; layout services for advertising purposes; marketing; organization of exhibitions for commercial or advertising purposes; organization of trade fairs for commercial or advertising purposes; commercial intermediation services; presentation of goods on communication media, for retail purposes; auctioneering; sales

promotion for others;
 publicity material rental;
 rental of sales stands; radio
 advertising; bill-posting;
 distribution of samples;
 dissemination of advertising
 matter; direct mail
 advertising; advertising by
 mail order; television
 advertising; telemarketing
 services; administrative
 processing of purchase
 orders; pay per click
 advertising.

NANOSHINE LTD, Room 1003, 10/F, Tower 1
 Lippo Centre, 89 Queensway, Admiralty, Hong
 Kong, China

Colour Claimed: Black, white, magenta., The
 figurative element is in
 magenta and white colors; the
 verbal element «Ceramic Pro»
 is in white color, except letter
 «e», which is in magenta color;
 the figurative element
 «rectangular frame» is in black
 color.

TRUSTED 卐 HANDWORK

1641336 08/10/2025

Class 25. Clothing, footwear, headgear.

Vision C AG, Bahnhofplatz 7, CH-7000 Chur,
 Switzerland

Representative: lexTM GmbH
 Rechtsanwalts-gesellschaft,
 Friedensstr. 11, 60311
 Frankfurt, Germany

mticket**1667255** 15/10/2025

Class 41. Entertainment services; sporting and cultural activities; ticket agency services [entertainment]; arranging and conducting of colloquiums; arranging and conducting of conferences; arranging and conducting of congresses; arranging and conducting of concerts; entertainer services; songwriting; production of shows; music composition services; production of music; presentation of live performances; presentation of variety shows; writing of texts*; scriptwriting, other than for advertising purposes; screenplay writing; organization of shows [impresario services]; organization of exhibitions for cultural or educational purposes; organization of competitions [education or entertainment]; videotape editing; disc jockey services; discotheque services; karaoke services; club services; organization of sports competitions; organization of balls; organization of fashion shows for entertainment purposes; coaching [training]; party planning [entertainment]; movie studio services; nightclub services [entertainment]; orchestra services; recording studio services; rental of audio equipment; rental of show scenery; publication of texts, other than publicity texts; radio entertainment; production of radio and television programmes; film production, other than advertising films; subtitling;

theatre productions; television entertainment; photography; videotaping; arranging and conducting of seminars; dubbing; providing online videos, not downloadable; providing online electronic publications, not downloadable; providing online music, not downloadable; providing films, not downloadable, via video-on-demand services; booking of seats for shows; providing information in the field of entertainment.

Class 42. Design and development of computer hardware and software; installation of computer software; computer technology consultancy; computer software consultancy; maintenance of computer software; updating of computer software; software as a service [saas]; rental of computer software.

Poriadchenko Oleksandr, vul. Yakuba Kolasa, 4, kv. 12, Kyiv 03148, Ukraine

Representative: Petro Borovyk, P.O.Box 32, Kyiv 01042, Ukraine

KOOKAI**1810897** 07/10/2025

Class 9. Spectacles; sunglasses; frames, covers and lenses for spectacles, eyeglasses and sunglasses; mobile phone cases; mobile phone covers; mobile phone ring holders; eyeglasses; camera cases; cases for smartphones.

Kookai Enterprises UK Limited, C/O Parker
Cavendish, Suite 301, Stanmore Business and
Innovation Centre, Howard Road, Stanmore,
Middlesex HA7 1FW, United Kingdom

Representative: MILLS OAKLEY, PO BOX
453, Collins Street West,
MELBOURNE VIC 3001,
Australia



1828965 19/09/2025

Class 30. Coffee, tea, cocoa and substitutes thereof; processed grains, starches and goods made thereof, baker's products and yeast; edible ices, frozen yogurts and sorbets; sugar, natural sweeteners, sweet topping and filling products and beekeeping products and edible decorations; salts, sauces, seasonings and condiments; ice for refreshment; rice; pasta; tapioca; sago; flours; bread; pastry products; sauces; chocolate; chocolate beverages; spices; prepared food in the form of pizzas; foods prepared from cereals.

Class 43. Services for providing food and beverages; temporary accommodation services; providing temporary accommodation; temporary accommodation information, advisory and reservation services; information, consultancy and reservation services for providing food and beverages; providing food and beverages; rental of furniture, linens, table services and equipment for providing food and beverages; boarding for animals; canteen services; cafeteria services; day-nurseries [crèches]; rental of exhibition rooms; bar services; catering in fast-food cafeterias; snack-bar services.



1823917 24/10/2025

Class 7. Pumps [machines]; driving motors, other than for land vehicles; straw [chaff] cutters; lawnmowers [machines]; aerating pumps for aquaria; compressed air machines; compressed air pumps; blowing machines.

DAFU INTELLIGENT TECHNOLOGY CO.,LTD.,
No.3 Gongfu Road, Zhegan Bilateral Cooperation
(Quraio) Demonstration Plot, High-tech Zone,
Yushan County, Shangrao City, Jiangxi Province,
China

Representative: Taizhou Zhongsheng
Intellectual Property Agency
Co., Ltd., Room 1201, unit 1,
block 1, Guomao building,
Nanyuan community, Xicheng
road, Huangyan, Taizhou,
Zhejiang, China

INDUSTRIA DE DISEÑO TEXTIL, S.A.
(INDITEX, S.A.), Avenida de la Diputación
"Edificio Inditex", E-15142 Arteixo (A Coruña),
Spain

Colour Claimed: Brown and white, White
appears in text and graphics,
while brown is used for
outlines and details

Representative: BALDER IP LAW, S.L., Paseo
de la Castellana, 93, 5 planta,
E-28046 MADRID, Spain



1830077 27/10/2025

Class 3. Non-medicinal toiletry
preparations and cosmetic
products; non-medicinal
dentifrices; perfumery
products, essential oils;
bleaching preparations and
other substances for laundry
use; cleaning, polishing,
scouring and abrasive
preparations.

ERNESTO JAFET ABREU GARCIA, PASEO
VISTA HERMOSA NUM. EXT. 198, EL CIELO,
45643 TLAJOMULCO DE ZUÑIGA, JALISCO,
Mexico

Colour Claimed: PANTONE 3165 C LOGO

Representative: MONICA PAOLA LOERA
RUBIO, INDUSTRIA
ELECTRICA NUM. EXT. 35,
PARQUE INDUSTRIAL
BUGAMBILIAS, 45645
TLAJOMULCO DE ZUÑIGA,
JALISCO, Mexico

LOUIS VUITTON TRAVELS WITH

1854587 19/03/2025

Class 14. Jewelry and jewelry articles;
rings [jewelry]; earrings; cuff
links; bracelets [jewelry];
bracelets of embroidered
textile materials [jewelry];
jewelry charms; brooches
[jewelry]; chains [jewelry];
necklaces [jewelry]; pendants
[jewelry]; medallions
[jewelry]; amulets [jewelry];
presentation cases for
jewelry; pins [jewelry]; tie
pins; tie clips; jewelry boxes;
boxes of precious metals and
their alloys; medals; pearls
[jewelry]; semi-precious
stones; precious stones;
diamonds; jewelry for bags;
charms for key rings; key
rings [split rings with charms
or trinkets]; statues of
precious metals and their
alloys; works of art of
precious metals and their
alloys; figurines and
statuettes of precious metal;
timepieces (horological
articles); watches;
wristwatches; watch bands;
watch cases; dials
[timepieces]; watch chains;
chronometers; presentation
cases for watches; clocks;
alarm clocks; chronometric
instruments; movements for
timepieces.

Class 18. Bags; backpacks; handbags;
traveling bags; suitcases
[carrying cases]; attaché
cases; wheeled shopping
bags; net bags for shopping;
trunks [luggage]; suitcases;
traveling trunks; vanity cases,
not fitted; travel sets
[leatherware]; garment bags
and shoe bags for travel; hat
boxes of leather; boxes of
leather or leatherboard;

	wallets; purses (coin purses); card cases [wallets]; business card cases; key cases; address tags for luggage; leather labels; leather laces; shoulder belts of leather or imitation leather; straps of leather or imitation leather; girths of leather; leather and imitations of leather; bags for transporting animals; collars for animals; leashes; clothing for pets; umbrellas; parasols and sunshades; whips; walking sticks; saddlery articles; furniture coverings of leather.	
Class 25.	Clothing; tee-shirts; shirts; short-sleeve shirts; overalls; vests; sweaters and pullovers; jerseys [clothing]; knitwear [clothing]; coats; jackets; parkas; raincoats; overcoats; hoods [clothing]; ponchos; suits; combinations [clothing]; dresses; skirts; skorts; shorts; trousers; boxer shorts; leggings [trousers]; underwear and underclothing; pajamas; nightgowns; dressing gowns (robes); bathrobes; bathing suits; bathing trunks; corsets [underwear]; collars [clothing]; detachable collars; Ascots; cuffs [clothing]; kimonos; layettes [clothing]; belts [clothing]; money belts [clothing]; scarves and long scarves; shawls; stoles; bandanas [neckerchiefs]; pocket squares; neckties; suspenders; gloves [clothing]; fingerless gloves; mittens; muffs [clothing]; ear muffs [clothing]; neck scarves and mufflers; headwear; hats; stocking caps; headbands [clothing]; caps; cap peaks; socks; tights; stockings; masks for sleeping; footwear; footwear and shoes; sports shoes; boots; ankle boots; espadrilles; sandals; gaiters; after-ski boots; slippers and	slippers ("chaussons"); ornamental masks [clothing].
Class 35.	Retail services in relation to jewelry, jewelry articles, presentation cases for jewelry, tie pins, tie clips, jewelry boxes, boxes made from precious metals, boxes made from precious metal alloys, medals, semi-precious stones, precious stones, diamonds, charms for key rings, key rings, statues, works of art made from precious metals, works of art made from precious metal alloys, trophies, timepieces, horological articles, parts for horological articles, watches, watch bands, watch cases, watch chains, presentation cases for watches, clocks, chronometric instruments, bags, backpacks, handbags, traveling bags, suitcases, carrying cases, attaché cases, wheeled shopping bags, shopping bags, trunks, luggage, suitcases, travel sets, garment bags, shoe bags, hat boxes, boxes made from leather or leatherboard, wallets, business card cases, key cases, address tags for luggage, leather labels, leather, imitation leather, bags for transporting animals, collars for animals, leashes, umbrellas, parasols, sunshades, whips, walking sticks, saddlery articles, leather furniture coverings, clothing, underwear, underclothing, pajamas, nightgowns, dressing gowns, robes, bathrobes, bathing suits, collars for clothing, ascots, belts, kimonos, scarves, bandanas, neckerchiefs, pocket squares, neckties, suspenders, gloves, ear muffs, headwear, hats, socks, footwear, shoes and ornamental masks; management, organization and administration of	

commercial affairs; office functions; administration of consumer loyalty programs; bill-posting; procurement services for third parties [purchasing goods and services for other businesses]; compilation of information in computer databases; shop window dressing; organization of fashion shows for promotional purposes; demonstration of goods; distribution of samples; dissemination of advertising material; registration of gift lists; organization of exhibitions for commercial or advertising purposes; production of advertising films; providing commercial information and advice to consumers regarding choice of goods and services; marketing; presentation of goods on all communication media, for retail purposes; promotion of goods and services through sponsorship of sports events; publication of advertising texts; advertising; online advertising on a computer network; advertising by mail order; television advertising; referencing of websites for commercial or advertising purposes; public relations; press relations services; commercial event hosting services; online ordering services in the field of restaurant take-out and delivery; promotion of goods through influencers; online retail services for downloadable and pre-recorded music and movies.

Priority Date Claimed: 11 October 2024 France
LOUIS VUITTON MALLETIER, 2 rue du Pont Neuf, F-75001 Paris, France

Representative: Madame REGISSER Sophie
SOCIETE LOUIS VUITTON
SERVICES, Département de la

Address for
service:

Propriété Intellectuelle, 2 rue
du Pont Neuf, F-75001 Paris,
France

TOMKINS & CO., 5
Dartmouth Road, Dublin 6,
Ireland

Ôrabella

1861247 22/09/2025

Class 3. Fragrance.

BKH Essential, LLC, 12100 Wilshire Blvd, Suite
1150, Los Angeles CA 90025, United States of
America

Representative: Jessica L. Rothstein Goodwin
Procter LLP, 620 Eighth
Avenue, New York NY 10018,
United States of America

JOARCA

1872533 16/10/2025

Class 5. Pharmaceuticals for the
treatment of cancer.

Eagle Pharmaceuticals Inc., 50 Tice Boulevard, Suite 315, Woodcliff Lake NJ 07677, United States of America

Representative: John M. Mueller Baker & Hostetler LLP, 312 Walnut Street, Suite 3200, Cincinnati OH 45202, United States of America



1882638 23/07/2025

- Class 16. Printed matter.
- Class 31. Raw and unprocessed agricultural products.
- Class 35. Import-export agency services in the field of raw and unprocessed agricultural products.
- Class 39. Packaging and storage of goods services in the field of raw and unprocessed agricultural products.

Ever Green For Food Industries, 24 Abdel Latif ElFahham Street, Sahel – Shubra, Cairo, Egypt

Colour Claimed: Green.

Notings: Transliteration of the mark is E G KGM.

PARKSIDE - YOU GOT THIS!

1882640 28/08/2025

- Class 35. Retail trade services and online retail services relating to tools (electric and manual), DIY, handicraft, construction and garden machinery and equipment, accessories and consumables therefor, workshop equipment, ladders and scaffolding, cleaning equipment, household and kitchen utensils, barbecues, lighting equipment, paints, varnishes, renovation and painting supplies, chemical products, adhesives, fertilizers, plant soil and composts, seeds, plants, bulbs, pots and greenhouses, batteries, batteries and chargers, textiles and textile goods, protective and working clothing and accessories therefor; compilation of the aforementioned goods for third parties in order to facilitate the viewing and purchase of these goods by stationary shops, catalogs or electronic means of communication; presentation of goods in communication media for sales promotion; advertising, marketing and sales promotion relating to the above goods; management of customer loyalty and discount programs.

Priority Date Claimed: 27 August 2025 Germany
Lidl Stiftung & Co. KG, Stiftsbergstr. 1, 74172 Neckarsulm, Germany

Representative: Brandstock Legal
Rechtsanwalts-gesellschaft

mbH, Möhlstraße 2, 81675
München, Germany

Hippopocketmus

1882781 10/04/2025

Class 28. Pocket sized toys; toy dolls; toy playsets; toy figurines; toys; toy figures; toy animals; toy models; toy action figurines; toy figure playsets; toy dogs; toy sets; clothing for toy figures; plush toys; modeled plastic toy figurines; stuffed toy animals; collectable toy figures; cuddly toys; pet toys; plastic toys; stuffed toys; dog toys; bendable toys; positionable toy figures; toy action figures; stuffed toy bears.

Priority Date Claimed: 10 April 2025 United Kingdom

COO & Co (London) Limited, Stansted House,
Malthouse Road, Stansted, SEVENOAKS Kent
TN15 7PH, United Kingdom

PARAFIX

1882874 12/06/2025

Class 1. Chemical products for use in industry, namely chemical products for the aeronautical industry, chemical products for construction and housing, chemical products for the automotive industry, chemical products for the rail and marine industries, chemical sealants, adhesives [sticky substances], glues, silicones, glues, jointing compounds [adhesives]; cement for joints [adhesives], sticky or adhesive materials for industrial use, varnish adhesives for industrial use, glues for industrial use, glues for the aeronautical industry, glues for construction and housing, glues for the automotive industry, glues for the railway and marine industries, waterproofing glues, glues for bonding metals for industrial use, adhesive cut-outs.

Class 5. Pharmaceutical products, medical and veterinary preparations; sanitary products for medicine; dietetic substances and foodstuffs for medical or veterinary use, food for babies; food supplements for humans and animals; plasters, material for dressings; articles for dressings; materials for dental fillings and dental impressions; disinfectants; preparations for destroying vermin; fungicides, herbicides; except for antiparasitic, anti-lice and anti-mosquito preparations.

Class 16. Packaging cardboards and papers; transparent packaging (blister films); paper packaging; packages made of plastic films; materials for packaging (paper); blister packs for packaging; packaging boxes and containers of paper and cardboard; polypropylene sheets for packaging; sheets

- for packaging made of paper; paper ribbons for wrapping; plastic bags and pouches for packaging; packaging sheets of plastic; waterproof films (of plastic) for packaging; plastic film for wrapping; packaging containers of paper for industrial use; polyethylene films for wrapping or packaging, bubble packs (of plastic) for wrapping or packaging; bags and articles for packaging, wrapping and storage of paper, cardboard or plastic.
- Class 17. Foils of metal for insulating; non-woven plastic insulating film and insulating laminates; insulating fabrics; electrical insulators; insulating panels; varnish and insulating tapes; insulators for electrical conductors; insulating materials for construction; insulators for construction; insulating material for winding films; insulating sleeves for power lines; insulating materials for electrical use; insulating materials for construction, shipbuilding, the aviation industry, the automotive industry; thermal insulation mattresses; rigid electrical insulators, insulating materials, rubber or plastic packaging materials, plastic materials in sheet form and cut plastic parts for use in manufacturing operations, insulating tapes, insulating fabrics, insulating varnishes, artificial resins (semi-finished products), synthetic resins; adhesive tapes intended for industry; adhesive tapes for use in industry; adhesive tapes for use in the aeronautical industry; adhesive tapes for construction and home use; adhesive tapes for automotive use; adhesive tapes for railway and marine use;
- adhesive tapes for sealing; tapes for bonding metals for industrial use; adhesive cut parts intended for industry particularly for the aeronautical, automotive, construction and housing, rail, energy and marine industries.
- Class 40. Processing and transformation of materials; cutting, cutting-off, lamination and adhesive coating services; processing services, extrusion of plastic materials, processing of chemicals; processing of adhesives, technical materials and plastic films; customized cutting services; processing of parent reels of non-woven fabrics and technical textiles as finished products in the form of rollers, pre-cut rollers, printed rollers and folded rollers; processing of parent reels of non-woven fabrics in the form of wipes (tinted or not, printed and non-printed); nonwoven product converting services with printing operations; processing of self-adhesive materials, such as glues, adhesive tapes, pens, hook pads, shock absorbers, hooks, labels; processing of adhesive tapes and industrial sealing tapes; processing and cutting of plastic films; cutting of flexible electrical insulating materials, pipes, cables, adhesive tapes, cut parts, adhesives, resins, silicone, abrasive and technical packaging; machining services for thermosets and composites for third parties, machining of thermoplastics for third parties, treatment of fabrics, treatment of materials, manufacturing of insulating mattresses for third parties, conversion of high-performance materials and

customized solutions for
industry.

ADDEV MATERIALS, 30 quai Perrache, F-69002
LYON, France

Representative: Madame CONTENSOU Agnès
Cabinet GERMAIN &
MAUREAU, 12 rue Boileau, F-
69006 LYON, France



1883094 07/08/2025

Class 30. Biscuits and cookies; cakes;
pastry; confectionery;
chocolate and chocolate-
based products; edible ices;
ice cream; sorbets [ices].

Priority Date Claimed: 04 June 2025 Benelux

NV Biscuits Delacre SA, Avenue Emile van
Becelaere 2, B-1170 Watermael-Boitsfort, Belgium

Colour Claimed: Red, white, gold, green, nuance
of beige and nuance of cream.

Representative: Pascal Becker Avocat au
Barreau de Luxembourg, L-
1840 Boulevard Joseph II 41,
Luxembourg

ECOOBIX

1883351 16/05/2025

Class 3. Cosmetics; preparations for
cleaning dentures; facial
cleansing cream; hand
creams; perfumes; lipsticks;
tooth powder; teeth whitening
preparations; breath
freshening sprays; cleaning
preparations; mouthwashes;
air fragrance reed diffusers;
breath freshening strips;
breath freshening
preparations for personal
hygiene; incense; toothpaste;
teeth whitening strips.

Hangzhou Baixi Brand Management Co., Ltd.,
Room 1501, Minghao Building, No. 1688, Binsheng
Road, Changhe Street, Binjiang District, Hangzhou
City, 310000 Zhejiang Province, China

Representative: Beijing Juhao Intellectual
Property Agency Co., Ltd.,
Room 1805, 18 / F, Building
53, Yunjingbeili, Tongzhou
District, Beijing, China



1883352 16/05/2025

Class 3. Lipsticks; beauty masks;
cleaning preparations;
shampoos; essential oils;

shining preparations [polish];
mouthwashes; toothpaste;
incense; cosmetics.

Hangzhou Baixi Brand Management Co., Ltd.,
Room 2606, Minghao Building, No. 1688, Binsheng
Road, Changhe Street, Binjiang District, Hangzhou
City, 310000 Zhejiang Province, China

Notings: Translation: Two Chinese
characters separately mean as
"white", "cherish" in English.
Transliteration: Bai Xi

Representative: Beijing Juhao Intellectual
Property Agency Co., Ltd.,
Room 1805, 18 / F, Building
53, Yunjingbeili, Tongzhou
District, Beijing, China

flagsticks; golf gloves; golf
practice nets; golf putter
covers; golf tee bags; golf tee
markers; golf tees; golf towel
clips for attachment to golf
bags; golf training apparatus,
namely, golf practice
platforms; golf training
equipment, namely, a golf
training cage; covers for golf
club heads; covers for golf
clubs; driving practice mats;
gloves for golf; head covers
for golf clubs; putting
practice mats.

NeverLostGolf, 8437 Bell Oaks Drive #811,
Newburgh IN 47630, United States of America

Colour Claimed: The color(s) red, black, green,
white, blue, and silver is/are
claimed as a feature of the
mark., The mark consists of a
black and red bullseye formed
from four concentric circles
alternating black and red.
Extending from top right and
left sides of the bullseye are
two black poles with red
pennant flags at the end. In
front of the bullseye are the
terms "NEVERLOSTGOLF" in
green and outlined in white
across the bullseye. Within the
"O" in the center of "LOST" is
the stylized image of a golf ball
in white. Below the term
"GOLF" is the term "PATENT
PENDING" in stylized black
font. Centered below
"NEVERLOSTGOLF" is the
terms "TEE SAVER" in white
with blue outline. Extending
from the bottom right and left
sides of the bullseye are
stylized silver golf clubs.
Below in stylized black font are
the terms "KEEPS YOUR TEE
WHERE IT IS SUPPOSED TO
BE" and below that is
"NEVERLOSTGOLF.COM"
also in stylized black font.



1883425 20/03/2025

Class 28. Golf accessories, namely,
holders specially adapted for
holding golf ball markers;
golf accessory pouches; golf
accessory, namely, support
for holding a golf club; golf
bag covers; golf bag straps;
golf bag tags; golf bag
trolleys; golf bags; golf ball
markers; golf ball sleeves;
golf balls; golf club bags;
golf club covers; golf club
head covers; golf divot repair
tools; golf flags; golf

Registration of this Trade Mark gives no right to the
exclusive use of "TEE", ".COM" and "PATENT
PENDING".



1883459 11/07/2025

Class 9. Computer software; artificial intelligence and machine learning software; artificial intelligence software for analysis; artificial intelligence software for surveillance; artificial intelligence software; interactive software based on artificial intelligence; software for the integration of artificial intelligence and machine learning in the field of Big Data; downloadable computer software for use as an application programming interface (API); software for automatic generation of text, images and advertising content; machine learning software for advertising; downloadable software applications; computer programs, downloadable; downloadable software for generating videos and images; downloadable software for creating, generating, and editing videos and images based on natural language cues, visual cues, text, speech, images and/or video; downloadable

software for recognizing, processing, analyzing, understanding and generating videos and images; downloadable software for editing, organizing, transmitting, uploading, downloading and sharing videos, images and audiovisual materials; downloadable software for creating and generating text-to-video and text-to-image content.

Class 42. Software as a service [SaaS]; computer software design; software as a service [SaaS] featuring software for deep learning; maintenance and updating of computer software; maintenance of computer software; programming of telecommunications software; technical services for the downloading of software; computer software design; software development; provision of non-downloadable online software for generating video and images; provision of non-downloadable online software for creating, generating and editing videos and images based on natural language cues, visual cues, text, language, images and/or video; provision of non-downloadable online software for recognizing, processing, analyzing, understanding and generating videos and images; provision of non-downloadable online software for editing, organizing, transmitting, uploading, downloading and sharing videos, images and audiovisual materials; provision of non-downloadable online software for text-to-video and text-to-image creation and generation; software upgrading and maintenance.

Priority Date Claimed: 09 June 2025 Italy

AGILE TELECOM S.P.A., Via Baldassarre Peruzzi
26, I-41012 CARPI (Modena), Italy

Representative: ING. C. CORRADINI & C.
S.R.L., Piazza Luigi di Savoia
24, I-20124 MILANO (MI),
Italy

QLARA

1883462 11/07/2025

Class 9. Computer software; artificial intelligence and machine learning software; artificial intelligence software for analysis; artificial intelligence software for surveillance; artificial intelligence software; interactive software based on artificial intelligence; software for the integration of artificial intelligence and machine learning in the field of Big Data; downloadable computer software for use as an application programming interface (API); software for automatic generation of text, images and advertising content; machine learning software for advertising; downloadable software applications; computer programs, downloadable; downloadable software for generating videos and images; downloadable software for creating, generating, and editing videos and images based on natural language cues, visual cues, text, speech, images and/or

video; downloadable software for recognizing, processing, analyzing, understanding and generating videos and images; downloadable software for editing, organizing, transmitting, uploading, downloading and sharing videos, images and audiovisual materials; downloadable software for creating and generating text-to-video and text-to-image content.

Class 42. Software as a service [SaaS]; computer software design; software as a service [SaaS] featuring software for deep learning; maintenance and updating of computer software; maintenance of computer software; programming of telecommunications software; technical services for the downloading of software; computer software design; software development; provision of non-downloadable online software for generating video and images; provision of non-downloadable online software for creating, generating and editing videos and images based on natural language cues, visual cues, text, language, images and/or video; provision of non-downloadable online software for recognizing, processing, analyzing, understanding and generating videos and images; provision of non-downloadable online software for editing, organizing, transmitting, uploading, downloading and sharing videos, images and audiovisual materials; provision of non-downloadable online software for text-to-video and text-to-image creation and generation; software upgrading and maintenance.

Priority Date Claimed: 09 June 2025 Italy
 AGILE TELECOM S.P.A., Via Baldassarre Peruzzi
 26, I-41012 CARPI (Modena), Italy

Representative: ING. C. CORRADINI & C.
 S.R.L, Piazza Luigi di Savoia
 24, I-20124 MILANO (MI),
 Italy



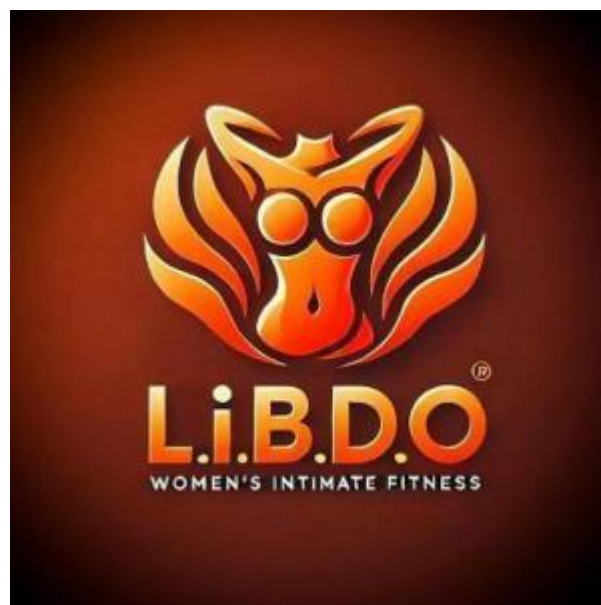
1883489 16/06/2025

Class 5. Biological preparations for medical purposes; bacterial poisons; pharmaceutical preparations; diagnostic preparations for medical purposes; chemical preparations for the diagnosis of pregnancy; dietetic foods adapted for medical purposes; dietetic substances adapted for medical use; surgical dressings; sanitary towels; medical dressings.

Class 10. Medical apparatus and instruments; medical analytical instruments; testing apparatus for medical purposes; analysers for bacterial identification for medical purposes; apparatus for DNA and RNA testing for medical purposes; urological apparatus and instruments; brushes for cleaning body cavities; diagnostic apparatus for medical purposes; probes for medical purposes; medical sampling tubes.

Jiangsu Bioperfectus Technologies Co., Ltd.,
 Bioperfectus Technologies Industrial Park, No. 837
 Yaocheng Avenue, Taizhou City, 225300 Jiangsu
 Province, China

Representative: JIANGSU NEW&HIGH
 TRADEMARK AGENCY,
 15/F Soho Mansion, No.8
 South Zhongshan Road,
 Nanjing, Jiangsu Province,
 China



1883637 11/06/2025

Class 35. Promotion of teaching services; retail sale of teaching materials for third parties, including wholesale and through a chain of stores, as well as via the Internet; import-export agency services; publication of publicity texts.

Class 41. Teaching.

Pivtsaykina Irina Viktorovna, Tsentralnaya Street,
60, 050048 Almaty, Kazakhstan

Colour Claimed: Black, white, orange, yellow-
orange, brown-burgundy and
pale yellow.

Representative: Omurbekova Kymbat
Ryskulovna, Nurkent
microdistrict, 83, 66, Alatau
district, A03D4H2 Almaty city,
Kazakhstan

Registration of this Trade Mark gives no right to the
exclusive use of WOMEN'S INTIMATE FITNESS,
®

PAPA FEEL

1883848 02/07/2025

Class 3. Cosmetics; beauty masks;
cosmetic preparations for
skin care; cleansing milk for
toilet purposes; Facial
cleanser; toothpaste; essential
oils; cleaning preparations;
grinding preparations;
cosmetics for animals.

Shenzhen Xiaoyao Technology Co., Ltd., Room
20A2, Building C, Electronic Technology Building,
No. 2070 Shennan Middle Road, Fuqiang
Community, Huaqiangbei Street, Futian District,
Shenzhen City, Guangdong Province, China

Representative: Shenzhen Shangbiao
Intellectual Property Service
Co., Ltd., 2205 Shenye Center
Building, No. 5045 Shennan
Road East, Xinwei Community,
Guiyuan Street, Luohu District,
Shenzhen, Guangdong, China

Chaopao

1883860 07/07/2025

Class 12. Electric vehicles;
motorcycles; motor scooters;
electric motorcycles; electric
bicycles; self-balancing
scooters; electric scooters
(electric vehicles); electric
wheelchair; water scooters
[personal watercraft];
upholstery for vehicles.

TAILG Science and Technology Inc., Ltd., NO.3-
1&3-2, DONGSHENG RD, ANZHEN STREET,
XISHAN DISTRICT, WUXI CITY, JIANGSU
PROVINCE, China

Representative: Wenzhou Shangbiao
Intellectual Property Service
Co., Ltd., Room 905-2,
Building 1, Nature Home,
Tangjiaqiao Road, Nanhui
Street, Lucheng District,
Wenzhou City, Zhejiang
Province, China

Bil-Grup perfect

1883863 24/09/2025

Class 31. Raw and unprocessed
agricultural, aquacultural,
horticultural and forestry
products; raw and
unprocessed grains and seeds;
fresh fruits and vegetables,

fresh herbs; natural plants
and flowers; bulbs, seedlings
and seeds for planting; live
animals; foodstuffs and
beverages for animals; malt.

BİL-YEM GIDA SANAYİ VE TİCARET LİMİTED
ŞİRKETİ, AKÇAÖREN MAH. AKÇAÖREN
KÜME EVLER 143 Sincan, Ankara, Türkiye

Colour Claimed: Orange and dark blue.

Representative: NURCAN KIZILIRMAK,
AYDINLIKEVLER MAH.,
ÇAĞDAŞ SK. 21/ 19,
ALTINDAĞ, ANKARA,
Türkiye

Li L7

1883958 01/07/2025

Class 12. Electric vehicles; engines for
land vehicles; couplings for
land vehicles; self-driving
cars; automobile wheel axis
holder; hybrid car; fuel cell
vehicle; vehicle roof rack;
electric cars; automobiles;
tyres for vehicle wheels;
upholstery for vehicles;
windshields; steering wheels
for vehicles; safety seats for
children, for vehicles.

Beijing Lixiang Automobile Co., Ltd., No.1,
Linkong 2nd Road, Shunyi Park, Zhongguancun
Science Park, Shunyi District, Beijing, China

Representative: Beijing Reunion-TMSG
Intellectual Property Agency
Limited, 5-2-249, 20 Anding
Road, Dongcheng District,
Beijing, China

麦记牛

1884067 08/07/2025

Class 35. Online advertising on a
computer network;
presentation of goods on
communication media, for
retail purposes; publicity;
business management of
hotels; commercial
administration of the
licensing of the goods and
services of others; provision
of an online marketplace for
buyers and sellers of goods
and services; sales promotion
for others; personnel
management consultancy;
web indexing for commercial
or advertising purposes;
sponsorship search.

Class 43. Cafe services; cafeteria
services; restaurant services;
snack-bar services; mobile
food supply; rental of
transportable buildings;
retirement home services;
day-nursery [creche]
services; boarding for
animals; rental of chairs,
tables, table linen, glassware.

Huzhou Xiangmimai Catering Management Co.,
LTD., Room 203-1, Building 9, No. 369, Jiaye
Middle Road, Nanxun Town, Nanxun District,
Huzhou City, Zhejiang Province, China

Notings: Translation: "Mai" means
wheat, "Ji" means remember,
"Niu" means cattle.
Transliteration: Mai Ji Niu.

Representative: Shanghai Zenorr Intellectual
Property Agency Co., Ltd.,
21J1, 1800 Zhongshan West
Road, Xuhui District,
Shanghai, China



1884075 31/07/2025

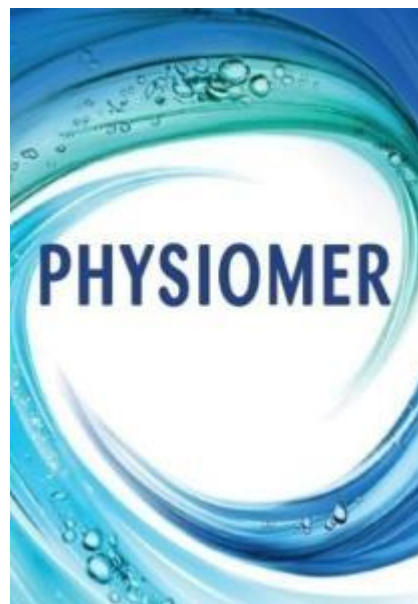
Class 5. Pharmaceutical preparations; preparations for the treatment of colds; preparations for the treatment of infections of the respiratory system; preparations for prevention of colds; preparations for prevention of infections of the respiratory system; products for nasal rinsing; solutions for washing the sinuses; nasal hygiene products; nasal sprays.

Priority Date Claimed: 11 July 2025 Benelux

LABORATOIRE DE LA MER Société par actions simplifiée à associé unique, Avenue du Général Patton, Zac de la Madeleine CS 6, F-35400 Saint-Malo, France

Colour Claimed: Different shades of blue and green.

Representative: Perrigo IP BE, Gaston Crommenlaan 6 box 606, B-9050 Gent, Belgium



1884076 31/07/2025

Class 5. Pharmaceutical preparations; preparations for the treatment of colds; preparations for the treatment of infections of the respiratory system; preparations for prevention of colds; preparations for prevention of infections of the respiratory system; products for nasal rinsing; solutions for washing the sinuses; nasal hygiene products; nasal sprays.

Priority Date Claimed: 11 July 2025 Benelux

LABORATOIRE DE LA MER Société par actions simplifiée à associé unique, Avenue du Général Patton, Zac de la Madeleine CS 6, F-35400 Saint-Malo, France

Colour Claimed: Different shades of blue and green.

Representative: Perrigo IP BE, Gaston Crommenlaan 6 box 606, B-9050 Gent, Belgium



1884929 15/09/2025

- Class 5. Pharmaceutical preparations; preparations for the treatment of colds; preparations for the treatment of infections of the respiratory system; preparations for prevention of colds; preparations for prevention of infections of the respiratory system; products for nasal rinsing; solutions for washing the sinuses; nasal hygiene products; nasal sprays.

Priority Date Claimed: 29 July 2025 Benelux

LABORATOIRE DE LA MER Société par actions
simplifiée à associé unique, Avenue du Général
Patton, Zac de la Madeleine CS 6, F-35400 1812
Saint-Malo, France

Colour Claimed: Different shades of blue, green,
purple, silver/grey and white.

Representative: Perrigo IP BE, Gaston
Crommenlaan 6 box 606, B-
9050 Gent, Belgium



1885135 21/08/2025

- Class 9. Mobile apps; downloadable podcasts; compact discs featuring music; interactive DVDs; downloadable digital music provided from the Internet.
- Class 25. Clothing, footwear, headgear; headbands (clothing); belts [clothing]; face mask [clothing]; foulards [clothing articles]; ear muffs [clothing]; bandeaux [clothing].
- Class 35. Retail services (also online) relating to books, colouring books, activity books for children, clothing, clothing accessories, teaching materials, educational teaching materials, yoga mats, meditation cushions and accessories; retail services (also online) relating to cards, photographs (printed), educational toys, craft supplies, drawing materials, pictures, jewellery, sound recording carriers, gift items, sport accessories, parasols, umbrellas, artwork, photographs and photographic reproductions;

retail services (also online) relating to food, beverages, personal care products, food supplements; retail services (also online) relating to lunch boxes, water bottles, school bags, school supplies (stationery), towels and gift certificates; wholesale services (also online) relating to books, colouring books, activity books for children, clothing, clothing accessories, teaching materials, educational teaching materials, yoga mats, meditation cushions and accessories; wholesale services (also online) relating to cards, photographs, educational toys, craft supplies, drawing materials, pictures, jewellery, sound recording carriers, gift items, sport accessories, parasols, umbrellas, art, work, photographs and photographic reproductions; wholesale services (also online) relating to food, beverages, personal care products, food supplements; wholesale services (also online) relating to lunch boxes, water bottles, school bags, school supplies (stationery), towels and gift certificates.

Class 41. Entertainment and education services; arranging of educational or recreational events; arranging and conducting of recitals; arranging and conducting of workshops; arranging and conducting of courses; organisation of outings for entertainment; summer camps [entertainment and education]; education services relating to meditation; online interactive entertainment; providing facilities for educational purposes; arranging and conducting of retreats for

recharging body and mind (recreation); news reporters services; publication of educational teaching materials; providing online videos, not downloadable, for educational purposes; providing audio content, not downloadable, for educational purposes; audio-visual display presentation services for educational purposes.

Priority Date Claimed: 11 July 2025 Benelux

LET US BE, Consciencestraat 4, B-2018 Antwerpen, Belgium

Representative: PEENEN-IP B.V., Jozef Nauwelaertsstraat 26, B-2110 Wijnegem, Belgium

SILIT

1885200 25/09/2025

Class 19. Industrial refractory parts of ceramic based on silicon carbide for use as accessories in furnaces and kilns, namely, combustion boats, saggars, crucibles, tubes, nozzles, plates, beams, rods, rollers and sticks; industrial refractory parts of ceramic based on silicon carbide for furnaces, namely, combustion boats, saggars, crucibles, tubes, nozzles, plates, beams, rods, rollers and sticks.

Priority Date Claimed: 28 March 2025 France

Saint-Gobain IndustrieKeramik Rödental GmbH, Oeslauer Strasse 35, 96472 Rödental, Germany

Representative: Madame MERCADIER Marion
NOVAGRAAF FRANCE, 2
rue Sarah Bernhardt, CS 90017,
F-92665 Asnières-sur-Seine
cedex, France



1885224 12/08/2025

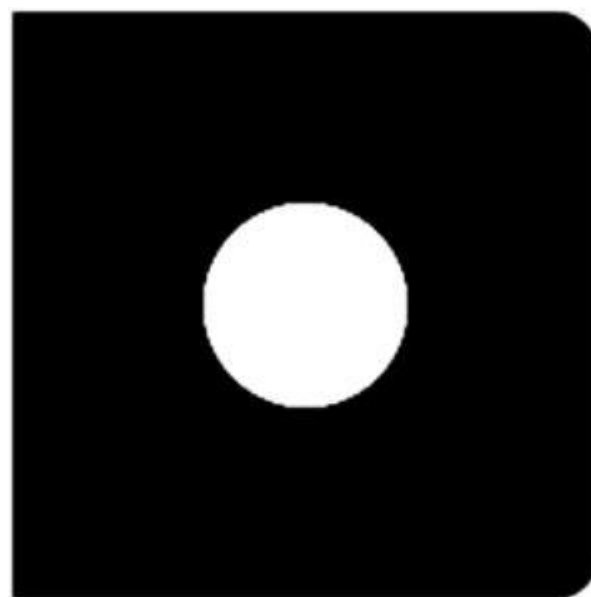
- Class 9. Computers; computer hardware; internal cooling fans for computers.
- Class 11. Cooling appliances and installations.
- Class 37. Installation, maintenance and repair of computer hardware; information technology consultancy relating to installation, maintenance and repair of computer hardware.
- Class 42. Development of computer platforms; computer system design; consultancy in the design and development of computer hardware; design of prototypes.

Priority Date Claimed: 14 May 2025 Latvia

CMNO LOGICA, SIA, Krimuldas iela 2A - 2, LV-1039 Rīga, Latvia

Colour Claimed: Black and green.

Representative: Jānis Buls, Krimuldas iela 2A - 2, LV-1039 Rīga, Latvia



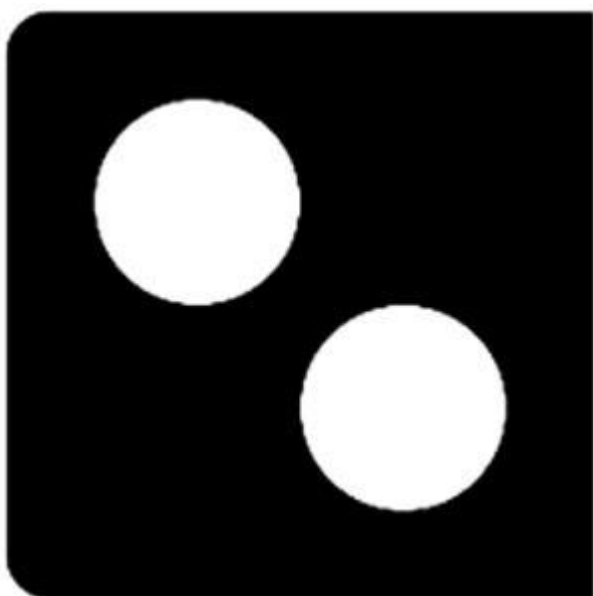
1885325 07/10/2025

- Class 30. Prepared pizza, hot and cold sandwiches, bread sticks, fresh baked dumpling-like dough balls, and prepared pasta entrees made to order for consumption on or off the premises; candy, cookies, cheesecake and bakery desserts; dried peppers for use as seasonings.
- Class 35. On-line ordering services in the field of restaurant take-out and delivery; franchise services, namely, offering business management assistance in the establishment and operation of restaurants, take-out restaurants and restaurants featuring delivery.
- Class 43. Restaurant services, namely, providing of pizza and other food and beverages for consumption on or off the premises; take-out restaurant services; restaurants featuring delivery.

Priority Date Claimed: 22 May 2025 United States of America

Domino's IP Holder LLC, 24 Frank Lloyd Wright Drive, P.O. Box 485, Ann Arbor MI 48106, United States of America

Representative: Keith W. Medansky DLA Piper LLP (US), 444 W. Lake Street, Suite 900, Chicago IL 60606, United States of America



1885327 07/10/2025

Class 30. Prepared pizza, hot and cold sandwiches, bread sticks, fresh baked dumpling-like dough balls, and prepared pasta entrees made to order for consumption on or off the premises; candy, cookies, cheesecake and bakery desserts; dried peppers for use as seasonings.

Class 35. On-line ordering services in the field of restaurant take-out and delivery; franchise services, namely, offering business management assistance in the establishment and operation

of restaurants, take-out restaurants and restaurants featuring delivery.

Class 43. Restaurant services, namely, providing of pizza and other food and beverages for consumption on or off the premises; take-out restaurant services; restaurants featuring delivery.

Priority Date Claimed: 22 May 2025 United States of America

Domino's IP Holder LLC, 24 Frank Lloyd Wright Drive, P.O. Box 485, Ann Arbor MI 48106, United States of America

Representative: Keith W. Medansky DLA Piper LLP (US), 444 W. Lake Street, Suite 900, Chicago IL 60606, United States of America



1885363 15/07/2025

Class 16. Writing cases [stationery]; erasers; pencil lead holders; pencils; pencil leads; bookmarks; printed matter; note books; folders for papers; stationery.

Hangzhou Mytown Creative Co., Ltd., Room 1306-3, Bldg 2, Huanyu Business Center, No. 626 Ke Ji

Guan Street, Xixing, Binjiang District, Hangzhou, 310050 Zhejiang Province, China

Colour Claimed: The colors blue, pink, white, purple, yellow, green, and brown, are claimed as a feature of the mark., There are two stylized unicorns on a blue rectangle. The left one is in purple, white, pink, yellow, brown, and blue color. The right own is in blue, green, white, yellow, and pink color.

Representative: Jiangsu Lvning Intellectual Property Agency Co., Ltd., 807, 8F Jinfeng Building, 19 Central Road, Nanjing, Jiangsu, China

consumption on or off the premises; take-out restaurant services; restaurants featuring delivery.

Priority Date Claimed: 07 May 2025 United States of America

Domino's IP Holder LLC, 24 Frank Lloyd Wright Drive, P.O. Box 485, Ann Arbor MI 48106, United States of America

Representative: Keith W. Medansky DLA Piper LLP (US), 444 W. Lake Street, Suite 900, Chicago IL 60606, United States of America

DOMMMINO'S

1885421 07/10/2025

- Class 30. Prepared pizza, hot and cold sandwiches, bread sticks, fresh baked dumpling-like dough balls, and prepared pasta entrees made to order for consumption on or off the premises; candy, cookies, cheesecake and bakery desserts; dried peppers for use as seasonings.
- Class 35. On-line ordering services in the field of restaurant take-out and delivery; franchise services, namely, offering business management assistance in the establishment and operation of restaurants, take-out restaurants and restaurants featuring delivery.
- Class 43. Restaurant services, namely, providing of pizza and other food and beverages for

VRCDN

1885601 18/09/2025

- Class 38. Telecommunications; data transmission services over telecommunications networks; streaming of audio, visual and audiovisual material via a global computer network; streaming of data.
- Class 41. Entertainment; live entertainment; audio entertainment services; video entertainment services; online entertainment services.

Priority Date Claimed: 26 May 2025 United Kingdom

VRCDN LTD, VRCDN LTD, 124 City Road, LONDON EC1V 2NX, United Kingdom



1886013 11/07/2025

Class 33. Wine.

PASCAL JEROME MARIE FERRIER, Al Dos Anapurus N.777 ap.72b, 04087-002 São Paulo, Brazil

Notings: Translation: Beautiful Argence Estate.

Representative: Rodrigo Reis, Al Dos Anapurus N.777 ap.72b, 04087-002 Sao Paulo, Brazil

Registration of this Trade Mark gives no right to the exclusive use of No claim is made to the exclusive right to use the term "DOMAINE" apart from the mark as shown.

TARGA

1886475 08/09/2025

Class 32. Tonic lemonades, lemonades from fruit juices.

Kofola ČeskoSlovensko a.s., Nad Porubkou 2278/31a, CZ-708 00 Ostrava, Poruba, Czech Republic

Representative: Rott, Růžicka & Guttman s.r.o., Vyskočilova 1566, CZ-140 00 Praha 4, Michle, Czech Republic



1886526 15/05/2025

Class 29. Freeze dried food, namely, beef, pork, pork sausage, poultry, seafood, fish, vegetables, fruit, eggs; freeze dried fruits; freeze dried vegetables; freeze-dried coconut cream; freeze-dried dairy products, namely milk, yogurt, cheese; freeze-dried foods, namely, scrambled egg mix, creamed cottage cheese, cooked diced chicken, cooked diced beef, beef patties, sausage patties, pork

chops, beef steak, pork, fish squares, and shrimp; freeze-dried fruit based meal replacement bars; freeze-dried meat, namely, beef, pork, pork sausage, poultry, seafood, fish and eggs; freeze-dried nut-based snack foods; freeze-dried peanut butter; freeze-dried soup; prepackaged meals and side dishes consisting of freeze-dried beef, pork, pork sausage, poultry, seafood, fish, vegetables, fruit, eggs.

Class 30. Freeze dried biscuits; freeze dried breakfast cereal; freeze dried candy; freeze dried coffee; freeze dried crackers; freeze dried food items, namely, parfait, frozen yogurt, ice cream, sorbet, gelato, frozen confections, cheesecake, pie, brownies, cake, cookies, bakery goods, and pastries; freeze dried granola; freeze dried rice; freeze-dried cereal based bars; freeze-dried cereal based snacks; freeze-dried flavorings for beverages, other than essential oils; non-alcoholic freeze-dried flavorings for cocktails, other than essential oils; prepackaged meals and side dishes consisting of freeze-dried pasta, rice, or granola; freeze dried food, namely, rice, pasta, crackers; prepackaged meals and side dishes consisting primarily of freeze-dried rice, pasta, crackers.

Class 32. Fruit based and imitation fruit based drink mixes and sport drinks; non-alcoholic dried fruit drinks; starch-based dry mixes for making energy drinks; powders for making soft drinks; powders used in the preparation of fruit-based drinks; powders used in the preparation of sports drinks; powders for making fruit-based drinks.

Priority Date Claimed: 29 November 2024 United States of America

OFD Foods, LLC, 525 25th Ave SW, Albany OR 97322, United States of America

Representative: Ernest G. Bootsma Buchalter, PC, 805 S.W. Broadway, Suite 1500, Portland OR 97205, United States of America



1886716 24/07/2025

Class 31. Apples, fresh.

Lingbao Specialty Agriculture Development Center, The intersection of Jingshan Road and Fushi Road, Lingbao City, 472500 Henan Province, China

Notings: Translation: Lingbao Apple
Transliteration: LING BAO PING GUO

Representative: Xinyang Hongxin Trademark Agency Service Co., Ltd., Room 1013, Block B, Taigu Plaza, Xinqiao Avenue, Yangshan New District, Xinyang City, Henan Province, China

IMMERGAS EUREKA**1886719** 02/09/2025

Class 11. Heating boilers; boiler pipes [tubes] for heating installations; water heaters; heating elements; heating installations; air reheaters; feeding apparatus for heating boilers; heating apparatus, electric; solar thermal collectors [heating]; stoves [heating apparatus]; underfloor heating apparatus and installations; heating installations [water]; thermostatic valves [parts of heating installations]; heating apparatus for solid, liquid or gaseous fuels; coils [parts of distilling, heating or cooling installations]; cooling appliances and installations; air cooling apparatus; heat pumps; ventilation [air-conditioning] installations and apparatus; solar-powered heating installations; solar-powered ventilation apparatus; thermal storage apparatus [solar energy] for heating.

Priority Date Claimed: 28 July 2025 Italy

IMMERGAS S.P.A., VIA CISA LIGURE, 95, I-42041 BRESCELLO, Italy

Representative: GIAMBROCONO & C. S.P.A., GALLERIA CAVOUR, 2, I-42121 REGGIO EMILIA, Italy

**International Trade Marks
protected in the State****1689900** (2549) Cl. 35
Trinnovo Group Ltd of United Kingdom**1751270** (2549) Cl. 9, 36, 42
OCP Asset Management B.V. of The Netherlands**1841977** (2549) Cl. 9, 35, 36, 42
Aviva Life Holdings UK Limited of United Kingdom**1846486** (2549) Cl. 9, 35, 36, 39, 41, 42, 43
Agoda Company Pte Ltd of Singapore**1862934** (2549) Cl. 40, 42
Velentium, LLC of United States of America**1862999** (2549) Cl. 7, 9, 11
KAB-FAM GHANA LTD of Ghana**1863166** (2549) Cl. 9, 16, 18, 28, 35, 38, 41, 42, 45
TRT GENEL MÜDÜRLÜĞÜ of Türkiye**1863248** (2549) Cl. 9, 41, 42
WordList Visual Learning of Spain**1863333** (2549) Cl. 3
The Boots Company PLC of United Kingdom**1863660** (2549) Cl. 35
Beijing Goobird Technology Co., Ltd. of China**1863756** (2549) Cl. 5
SynergyTech International S.L. of Spain**1863803** (2549) Cl. 42
EverAI Labs Inc. of United States of America**1863906** (2549) Cl. 5
KRKA, tovarna zdravil, d.d., Novo mesto of Slovenia**1863911** (2549) Cl. 5
KRKA, tovarna zdravil, d.d., Novo mesto of Slovenia**1863977** (2549) Cl. 5
KRKA, tovarna zdravil, d.d., Novo mesto of Slovenia

1863978 (2549) Cl. 5
KRKA, tovarna zdravil, d.d., Novo mesto of
Slovenia

1864016 (2549) Cl. 9, 41
STORYMATRIX PTE. LTD. of Singapore

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

1537687 SELFISH
Cancellation in respect of all goods
and services registered at WIPO on
20/11/2025

1771631 Million Pauline
Cancellation in respect of all goods
and services registered at WIPO on
27/11/2025

Changes/Corrections in the International Register

1857992 Advertised in Journal No. 2554 on 05
November 2025. Limitation received
from the International Bureau amending
classes 5 and 41 as follows:

Class 5 Acaricides; aconitine;
alkaloids for medical purposes;
alginates for pharmaceutical
purposes; algicides; aldehydes for
pharmaceutical purposes; dental
amalgams of gold; dental amalgams;
amino acids for veterinary purposes;
amino acids for medical purposes;
analgesics; anaesthetics; antibiotics;
antiseptics; medicine cases, portable,
filled; first-aid boxes, filled;
aluminium acetate for
pharmaceutical purposes; acetates for
pharmaceutical purposes;
germicides; oxygen cylinders, filled,
for medical purposes; balms for
medical purposes; bandages for skin
wounds; diagnostic biomarker
reagents for medical purposes;
biocides; bracelets impregnated with

insect repellent; bromine for
pharmaceutical purposes; paper for
mustard plasters; fly catching paper;
reagent paper for veterinary
purposes; reagent paper for medical
purposes; mothproofing paper;
petroleum jelly for medical purposes;
vaccines; oxygen baths; antiseptic
cotton; aseptic cotton; absorbent
cotton; wadding for medical
purposes; cotton for medical
purposes; radiological contrast
substances for medical purposes;
nutritive substances for
microorganisms; radioactive
substances for medical purposes;
melissa water for pharmaceutical
purposes; seawater for medicinal
bathing; mineral waters for medical
purposes; thermal water; moulding
wax for dentists; gases for medical
purposes; guaiacol for
pharmaceutical purposes; massage
gels for medical purposes; sexual
stimulant gels; haematogen;
haemoglobin; herbicides; hydrastine;
hydrastinine; glycerine for medical
purposes; glycerophosphates;
glucose for medical purposes;
gentian for pharmaceutical purposes;
hormones for medical purposes;
mustard for pharmaceutical
purposes; mustard plasters; mud for
baths; medicinal mud; contraceptive
sponges; vulnerary sponges;
gamboge for medical purposes;
gurjun balsam for medical purposes;
deodorizers for litter trays;
deodorants for clothing and textiles;
air deodorizing preparations;
deodorants, other than for human
beings or for animals; aromatic
deodorizers for toilets; diastase for
medical purposes; digitalin; yeast for
pharmaceutical purposes; gelatine for
medical purposes; cod liver oil;
isotopes for medical purposes;
immunostimulants; insecticides;
iodine for pharmaceutical purposes;
iodides for pharmaceutical purposes;
alkaline iodides for pharmaceutical
purposes; iodoform; calomel

[fungicide]; gum for medical purposes; cream of tartar for pharmaceutical purposes; tartar for pharmaceutical purposes; camphor for medical purposes; cannabidiol for medical use; capsules for medicines; cachets for pharmaceutical purposes; capsules made of dendrimer-based polymers, for pharmaceuticals; haemostatic pencils; wart pencils; caustic pencils; carbolineum [parasiticide]; caustics for pharmaceutical purposes; cachou for pharmaceutical purposes; quassia for medical purposes; quebracho for medical purposes; oxygen for medical purposes; gallic acid for pharmaceutical purposes; acids for pharmaceutical purposes; adhesives for dentures; surgical glues; stem cells for veterinary purposes; stem cells for medical purposes; cocaine for medical purposes; collagen for medical purposes; collodion for pharmaceutical purposes; corn rings for the feet; cannabis for medical purposes; medicated sweets; angostura bark for medical purposes; barks for pharmaceutical purposes; cedar wood for use as an insect repellent; condurango bark for medical purposes; croton bark; mangrove bark for pharmaceutical purposes; myrobalan bark for pharmaceutical purposes; quinquina for medical purposes; medicated animal feed; medicinal roots; rhubarb roots for pharmaceutical purposes; lint for medical purposes; creosote for pharmaceutical purposes; blood for medical purposes; biological tissue cultures for veterinary purposes; biological tissue cultures for medical purposes; cultures of microorganisms for medical or veterinary use; curare; dental lacquer; liquorice for pharmaceutical purposes; milk sugar for pharmaceutical purposes; adhesive plasters; medicines for alleviating constipation; adhesive tapes for medical purposes; lecithin for

medical purposes; lotions for veterinary purposes; medicated hair lotions; lotions for pharmaceutical purposes; medicated after-shave lotions; personal sexual lubricants; lupulin for pharmaceutical purposes; magnesia for pharmaceutical purposes; liniments; ointments for pharmaceutical purposes; sunburn ointments; frostbite salve for pharmaceutical purposes; mercurial ointments; cannabis for medical purposes; gauze for dressings; medicinal oils, other than essential oils; mustard oil for medical purposes; camphor oil for medical purposes; castor oil for medical purposes; oil of turpentine for pharmaceutical purposes; dill oil for medical purposes; dental mastics; dental abrasives; dental impression materials; teeth filling material; medical dressings; surgical dressings; drugs for medical purposes; medicines for veterinary purposes; serotherapeutic medicines; medicines for human purposes; medicines for dental purposes; menthol; medicinal drinks; moleskin for medical purposes; almond milk for pharmaceutical purposes; powdered milk for babies; royal jelly for pharmaceutical purposes; milk ferments for pharmaceutical purposes; Irish moss for medical purposes; flour for pharmaceutical purposes; linseed meal for pharmaceutical purposes; fish meal for pharmaceutical purposes; fly glue; antibacterial soap; disinfectant soap; medicated soap; freeze-dried meat adapted for medical purposes; mint for pharmaceutical purposes; malted milk beverages for medical purposes; injectable dermal fillers; bone void fillers comprised of living tissues; narcotics; aromatic deodorizers for toilets; decoctions for pharmaceutical purposes; antiparasitic collars for animals; cotton swabs for medical purposes; stick liquorice for pharmaceutical

purposes; sulfur sticks [disinfectants]; pastilles for pharmaceutical purposes; medicated toothpaste; pectin for pharmaceutical purposes; pepsins for pharmaceutical purposes; peptones for pharmaceutical purposes; hydrogen peroxide for medical purposes; pesticides; food for babies; leeches for medical purposes; blood plasma; vitamin supplement patches; nicotine patches for use as aids to stop smoking; jujube, medicated; eyepatches for medical purposes; poultices; compresses; scapulars for surgical purposes; babies' diapers; diapers for pets; swim diapers, reusable, for babies; swim diapers, disposable, for babies; diapers for incontinence; disposable absorbent pads for lining pet crates; diaper changing mats, disposable, for babies; disposable house training pads for pets; bunion pads; breast-nursing pads; diagnostic strips for testing breast milk for medical purposes; pomades for medical purposes; powder of cantharides; pyrethrum powder; anti-uric preparations; bacterial preparations for medical and veterinary use; bacteriological preparations for medical and veterinary use; balsamic preparations for medical purposes; albuminous preparations for medical purposes; biological preparations for veterinary purposes; biological preparations for medical purposes; veterinary preparations; bismuth preparations for pharmaceutical purposes; vitamin preparations; diagnostic preparations for veterinary purposes; diagnostic preparations for medical purposes; bath preparations for medical purposes; therapeutic preparations for the bath; haemorrhoid preparations; preparations for callouses; lice treatment preparations [pediculicides]; acne treatment preparations; preparations to facilitate teething; preparations for

the treatment of burns; opotherapy preparations; air purifying preparations; medical preparations for slimming purposes; bronchodilating preparations; preparations for reducing sexual activity; douching preparations for medical purposes; sterilizing preparations; soil-sterilizing preparations; corn remedies; pharmaceutical preparations for treating dandruff; preparations for destroying vermin; herbicides; preparations for destroying dry rot fungus; larvae exterminating preparations; preparations for destroying flies; preparations for destroying mice; slug exterminating preparations; pharmaceutical preparations for skin care; contact lens cleaning preparations; preparations of microorganisms for medical or veterinary use; lime-based pharmaceutical preparations; styptic preparations; medicated eye-washes; medicinal hair growth preparations; nutraceutical preparations for therapeutic or medical purposes; opiates; anticryptogamic preparations; aloe vera preparations for pharmaceutical purposes; preparations of trace elements for human and animal use; sulfonamides [medicines]; pharmaceutical preparations; pharmaceutical preparations for treating sunburn; enzyme preparations for veterinary purposes; enzyme preparations for medical purposes; phytotherapy preparations for medical purposes; chemico-pharmaceutical preparations; chemical preparations for veterinary purposes; chemical preparations for the diagnosis of pregnancy; chemical preparations for medical purposes; chemical preparations for treating diseases affecting cereal plants; chemical preparations for treating wheat blight; chemical preparations for treating diseases affecting vine plants; chemical preparations for

treating mildew; chemical preparations for treating phylloxera; chemical preparations for pharmaceutical purposes; chilblain preparations; mothproofing preparations; collyrium; lead water; chemical conductors for electrocardiograph electrodes; albuminous foodstuffs for medical purposes; homogenized food adapted for medical purposes; freeze-dried food adapted for medical purposes; pharmaceuticals; sanitary towels; panty liners [sanitary]; propolis for pharmaceutical purposes; pearl powder for medical purposes; radium for medical purposes; hydrated chloral for pharmaceutical purposes; solvents for removing adhesive plasters; vaginal washes for medical purposes; solutions for contact lenses; chemical reagents for medical or veterinary purposes; rubber for dental purposes; chewing gum for medical purposes; nicotine gum for use as an aid to stop smoking; insect repellents; insect repellent incense; repellents for dogs; moxa rolls for moxibustion; wipes impregnated with disinfectants for hygiene purposes; tissues impregnated with pharmaceutical lotions; sarsaparilla for medical purposes; sugar for medical purposes; crystallized rock sugar for medical purposes; asthmatic tea; fumigating sticks; massage candles for therapeutic purposes; linseed for pharmaceutical purposes; tobacco-free cigarettes for medical purposes; siccatives [drying agents] for medical purposes; syrups for pharmaceutical purposes; turpentine for pharmaceutical purposes; milking grease; greases for veterinary purposes; greases for medical purposes; lacteal flour for babies; infant formula; soporifics; bicarbonate of soda for pharmaceutical purposes; bath salts for medical purposes; salts for mineral water baths; salts for medical purposes; potassium salts for medical

purposes; sodium salts for medical purposes; smelling salts; mineral water salts; malt for pharmaceutical purposes; semen for artificial insemination; alcohol for pharmaceutical purposes; medicinal alcohol; alloys of precious metals for dental purposes; ergot for pharmaceutical purposes; cooling sprays for medical purposes; antibacterial handwashes; adjuvants for medical purposes; astringents for medical purposes; vermifuges; disinfectants; disinfectants for hygiene purposes; disinfectants for chemical toilets; appetite suppressants for medical purposes; parasiticides; medicated dentifrices; febrifuges; animal washes [insecticides]; detergents for medical purposes; cattle washes [insecticides]; dog washes [insecticides]; insecticidal veterinary washes; vesicants; purgatives; remedies for perspiration; remedies for foot perspiration; anti-inflammatories; chemical contraceptives; antiparasitic preparations; sedatives; laxatives; tonics [medicines]; medicated toiletry preparations; skin hydrators being injectable dermal fillers; digestives for pharmaceutical purposes; nervines; bouillons for bacteriological cultures for medical purposes or veterinary purposes; steroids; headache relief sticks; strychnine; bismuth subnitrate for pharmaceutical purposes; suppositories; serums for medical purposes; tanning pills; appetite suppressant pills; slimming pills; antioxidant pills; sanitary tampons; tetrahydrocannabinol [THC] for medical use; thymol for pharmaceutical purposes; smoking herbs for medical purposes; medicinal herbs; sedatives; transplants [living tissues]; surgical implants comprised of living tissues; pants, absorbent, for incontinence; sanitary panties; babies' diaper-pants;

charcoal for pharmaceutical purposes; porcelain for dental prostheses; phenol for pharmaceutical purposes; fennel for medical purposes; enzymes for veterinary purposes; enzymes for medical purposes; ferments for pharmaceutical purposes; injectable dermal fillers; formic aldehyde for pharmaceutical purposes; phosphates for pharmaceutical purposes; fungicides; quinine for medical purposes; chinoline for medical purposes; diabetic bread adapted for medical use; chloroform; flowers of sulfur for pharmaceutical purposes; cement for animal hooves; bone cement for surgical and orthopaedic purposes; dental cements; medicinal tea; herbal teas for medicinal purposes; bath tea for therapeutic purposes; insecticidal animal shampoos; medicated shampoos; medicated shampoos for pets; pediculicidal shampoos; medicated dry shampoos; pre-filled syringes for medical purposes; eucalyptus for pharmaceutical purposes; eucalyptol for pharmaceutical purposes; herbal extracts, other than essential oils, for medical purposes; plant extracts, other than essential oils, for pharmaceutical purposes; tobacco extracts [insecticides]; extracts of hops for pharmaceutical purposes; elixirs [pharmaceutical preparations]; ethers for pharmaceutical purposes; esters for pharmaceutical purposes; cellulose esters for pharmaceutical purposes; cellulose ethers for pharmaceutical purposes; rat poison; poisons; bacterial poisons; jalap.

Class 41: Academies [education]; rental of indoor aquaria; rental of artwork; rental of movie props; rental of sports grounds; rental of tennis courts; lending library services; booking of seats for shows; videotaping; physical education; production of music; discotheque services; animal training; dubbing;

publication of books; research in the field of education; escape room [entertainment]; film distribution; health club services [health and fitness training]; layout services, other than for advertising purposes; microfilming; videotape editing; production of radio and television programmes; screenplay writing; music education; religious education; teaching; aikido instruction; boarding school education; gymnastic instruction; correspondence courses; practical training [demonstration]; training services provided via simulators; organization of balls; organization of exhibitions for cultural or educational purposes; providing recreation facilities; arranging and conducting of colloquiums; arranging and conducting of congresses; arranging and conducting of conferences; arranging and conducting of concerts; arranging and conducting of workshops [training]; arranging and conducting of in-person educational forums; arranging and conducting of entertainment events; arranging and conducting of seminars; arranging and conducting of symposiums; arranging and conducting of sports events; organization of competitions [education or entertainment]; arranging of beauty contests; organization of cosplay entertainment events; organization of lotteries; organization of fashion shows for entertainment purposes; organization of electronic sports competitions; organization of shows [impresario services]; organization of sports competitions; vocational guidance [education or training advice]; amusement park services; language interpretation; transfer of business knowledge and know-how [training]; know-how transfer [training]; television entertainment; vocational retraining; scheduling of radio and television programmes;

directing of shows; providing online videos, not downloadable; providing online virtual guided tours; providing information in the field of education; providing information relating to recreational activities; providing information in the field of entertainment; providing museum facilities; providing online music, not downloadable; providing television programmes, not downloadable, via video-on-demand services; providing films, not downloadable, via video-on-demand services; providing training and educational examination for certification purposes; providing online images, not downloadable; providing user reviews for entertainment or cultural purposes; providing user rankings for entertainment or cultural purposes; providing amusement arcade services; cinema presentations; providing online electronic publications, not downloadable; presentation of circus performances; presentation of variety shows; theatre productions; presenting museum exhibitions; conducting guided climbing tours; conducting fitness classes; educational examination; production of podcasts; film production, other than advertising films; rental of audio and video equipment; rental of videos; rental of stage scenery for shows; rental of sound recordings; rental of toys; rental of motion picture projection equipment; rental of motion pictures; rental of lighting apparatus for theatrical sets; electronic desktop publishing; online publication of electronic books and journals; publication of texts, other than publicity texts; radio entertainment; sado instruction [tea ceremony instruction]; news reporters services; film directing, other than advertising films; all of the above, except for gaming services; gambling services; casino, gaming and gambling services; gaming machine

entertainment services; providing of casino, gaming and gambling facilities.

The other classes remain unchanged.