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Cuid I
Paitinní agus Dearachtaí

No. 2553**Wednesday, 22 October, 2025**

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<i>In this Part of the Journal, a reference to a section is to a section of the Patents Act, 1992 unless otherwise stated.</i>
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Applications for Patents

From 29/08/2025 to 02/10/2025

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.

AIR FORCE MEDICAL UNIVERSITY Device for Dynamic Assessment and Monitoring Warning of Mental Fatigue Based on a Multimodal Approach 26 September 2025 **S20250410**

BATTERY ASSOCIATES POWERING BATTERY INNOVATION LIMITED Secure Multimodal Recording and Anonymisation System 19 September 2025 **20250401**

BATTERY ASSOCIATES POWERING BATTERY INNOVATION LIMITED Secure Multimodal Recording, Anonymisation, and Prompting System 20 September 2025 **20250403**

DAVID NULTY Intelligent Audio File Classification and Organisation System for Professional Production Environments 29 September 2025 **S20250412**

DEAN CLARKE A modern system for monitoring, tracking and displaying keg/wet stock level information for bars, hotels and restaurants. 30 September 2025 **S20250416**

ELLSI LIMITED A radiator device 25 September 2025 [United Kingdom-01 October 2024] **20250408**

FEEDALPHA GROUP LIMITED Energy-Efficient Adaptive Artificial Intelligence System and Method 02 October 2025 **20250420**

FISHERY MACHINERY AND INSTRUMENT RESEARCH INSTITUTE, CHINESE ACADEMY OF FISHERY SCIENCES Adaptive Positioning Mechanism for Bloodletting Point on Gill of *Ictalurus Punctatus* 30 September 2025 [China-14 August 2025] **S20250417**

HEILONGJIANG PROVINCE HYDRAULIC RESEARCH INSTITUTE An Experimental Device for Simulating the Adhesion Between Ice and Hydraulic Materials 24 September 2025 **S20250406**

JO FEL INDUSTRIAL, S.A. PAPER DISPENSER 30 September 2025 [Spain-29 May 2025] **S20250418**

KINGDOM POLYMERS LIMITED IMPROVED CASEMENT WINDOW 26 September 2025 **20250409**

KUNMING UNIVERSITY OF SCIENCE AND TECHNOLOGY Pea Protein-Gum Arabic Salt-Loaded Microparticle Based On Maillard Reaction And Preparation Method Therefor 01 October 2025 [China-17 June 2025] **S20250419**

LIAM MARTYN System and Method for Real-Time Screening of Voice Calls with Whisper Functionality 22 September 2025	S20250404
LUDONG UNIVERSITY A blockchain-based agricultural product full-lifecycle traceability system and method 19 September 2025	S20250402
MATTHEW A method for creating a case binding cover 24 September 2025	S20250407
MR. OLA OJEWALE DOG DIAPER WITH INTEGRATED SOLID WASTE CONTAINMENT POUCH 02 October 2025	S20250422
MURILO ROMASCHKA RomasLink Marketplace – Hub-Based AR/VR Commerce with Tokenised Validation and Multimodal Interfaces 29 August 2025	S20250405
PATRICK WALSH; PATRICK JOSEPH KELLY A converter for converting oscillating rotational motion to unidirectional rotational motion 29 September 2025	S20250411
YAN'AN UNIVERSITY A RAPID COATING DEVICE FOR ANTI-CORROSION COATING ON PIPELINE SURFACE 30 September 2025	S20250413
YAN'AN UNIVERSITY A tennis fixed-point swing training device 30 September 2025	S20250415
YAN'ANUNIVERSITY A BASKETBALL COLLECTION DEVICE FOR BASKETBALL TRAINING 30 September 2025	S20250414
YANGTZE UNIVERSITY METHOD AND SYSTEM FOR HIGH-RESOLUTION IMAGING AND MODELING OF VEGETATION-OCCLUDED PARTS IN FIELD ROCK OUTCROPS 02 October 2025	S20250421

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.

2021	S20210180	JOHN COTTER, Smart Healthcare and Hospital Inventory Management Waste Receptacle. 18 October 2021. Int. Cl. (2025.01) B65F 1/00 G16H 40/00 .
2023	S20230093	PETER CUTHBERT, Anti-Sea Lice bait Holding Tube for Lobster ,Crab and Shrimp. 03 April 2023. Int. Cl. (2025.01) A01K 69/00 .
2024	S20250101	RONDO ENERGY, INC., THERMAL ENERGY STORAGE BLOCKS AND ASSOCIATED SUPPORT STRUCTURES. 14 April 2023. Int. Cl. (2025.01) F28D 20/00 .

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.

87673	WATER HEATER. Int. Cl. (2025.01) F24H 1/00 . KOHLER MIRA LIMITED 22 June 2023 (20230231) [United Kingdom-12 September 2022]
87674	Electrospray ion source for spectrometry using inductively heated gas. Int. Cl. (2025.01) H01J 49/00 . BRUKER SCIENTIFIC LLC 14 May 2021 (20210102) [United States of America-29 May 2020]
S87675	A steel bar cage assembly device. Int. Cl. (2025.01) B21F 27/00 . HUANENG FUXIN WINDY POWER GENERATOR CO., LTD. 26 April 2024 (S20240229) [China-01 December 2023]

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. 39/25, dated 2025-09-24

2410095	Hein-Lingen, Petra	24/07/2011	2410095	11006059.7	German
2540967	Mitsubishi Heavy Industries, Ltd.	29/06/2012	2540967	12174441.1	
2580708	Brown University	08/06/2011	2580708	11793082.6	
2629904	CYRIL BATH COMPANY	21/10/2011	2629904	11835254.1	
2812358	Titan Wood Limited	07/02/2013	2812358	13704063.0	
2818676	Mitsubishi Heavy Industries Engine & Turbocharger, Ltd.	15/02/2013	2818676	13751477.4	
2882785	Celanese Sales Germany GmbH	10/08/2012	2882785	12882818.3	
2921532	Brother Kogyo Kabushiki Kaisha	27/02/2015	2921532	15156905.0	
2931972	Ahlstrom Oyj	02/12/2013	2931972	13815543.7	
2939349	Samsung Electronics Co., Ltd.	26/12/2013	2939349	13868201.8	
2946366	Maxar International Sweden AB	21/01/2013	2946366	13871515.6	
3036373	OY Separation Research AB	19/08/2014	3036373	14758412.2	
3088411	Chugai Seiyaku Kabushiki Kaisha	26/12/2014	3088411	14874295.0	
3094779	Ecolab USA Inc.	08/01/2015	3094779	15737665.8	
3127232	ABB Schweiz AG	31/03/2015	3127232	15713727.4	
3130672	Adeka Corporation	09/04/2015	3130672	15776460.6	
3157169	D&M Holdings, Inc.	31/03/2015	3157169	15806556.5	
3175026	NIKE Innovate C.V.	28/07/2015	3175026	15745133.7	
3180809	Xilinx, Inc.	05/08/2015	3180809	15750888.8	
3187919	Katena Products, Inc.	13/10/2011	3187919	17150449.1	
3193447	Dolby Laboratories Licensing Corporation Dolby International AB	15/01/2014	3193447	16203669.3	
3201497	New Way Machine Components, Inc.	29/09/2015	3201497	15845619.4	
3209734	Oreltech Ltd.	20/10/2015	3209734	15851864.7	
3212105	Intuitive Surgical Operations, Inc.	27/10/2015	3212105	15854136.7	
3215156	Iomet Pharma Ltd.	02/11/2015	3215156	15790910.2	
3217860	Mars, Incorporated	13/11/2015	3217860	15797170.6	
3218833	D.E. Shaw Research, LLC	16/11/2015	3218833	15805662.2	
3218923	Ontos Equipment Systems	12/11/2015	3218923	15858953.1	
3223459	Huawei Technologies Co. Ltd.	03/12/2015	3223459	15866194.2	
3223856	University of Central Florida Research Foundation, Inc.	27/10/2015	3223856	15853854.6	
3227309	Glycom A/S	04/12/2015	3227309	15865208.1	
3228350	Nevro Corporation	21/04/2010	3228350	17154846.4	
3229701	Flowjo, LLC	10/12/2015	3229701	15866701.4	
3230376	Solutia Inc.	04/12/2015	3230376	15868440.7	
3236959	Dana-Farber Cancer Institute, Inc.	23/12/2015	3236959	15873803.9	
3240570	Takeda Pharmaceutical Company Limited	31/12/2015	3240570	15876336.7	
3247180	Niterra Co., Ltd.	08/01/2016	3247180	16737191.3	
3247951	BetterPipe Finland Oy	23/12/2014	3247951	14908896.5	
3251315	Apple Inc.	23/12/2015	3251315	15880342.9	
3253997	Boston Dynamics, Inc.	07/01/2016	3253997	16702459.5	German
3259705	METRITRACK, INC.	18/02/2016	3259705	16753023.7	
3261663	Merck Sharp & Dohme LLC	22/02/2016	3261663	16756100.0	
3269417	Medical Components, Inc.	20/06/2008	3269417	17184364.2	
3271775	Carl Zeiss Jena GmbH	16/03/2016	3271775	16710193.0	

3281724	RTX Corporation	08/08/2017	3281724	17185409.4	
3286365	IROPA AG	22/04/2016	3286365	16725922.5	
3288137	GE Aviation Systems LLC	16/08/2017	3288137	17186421.8	
3292039	GustoMSC B.V.	04/05/2016	3292039	16742010.8	
3294044	GE Precision Healthcare LLC	21/08/2017	3294044	17187019.9	
3309085	SIG Services AG	17/10/2016	3309085	16194221.4	
3310961	The Procter & Gamble Company	13/06/2016	3310961	16732838.4	
3311308	Microsoft Technology Licensing, LLC	22/06/2016	3311308	16734821.8	
3311443	Kyocera Corporation	17/06/2016	3311443	16812533.4	
	24M Technologies, Inc.				
3313555	BL Technologies, Inc.	25/06/2015	3313555	15744404.3	
3320534	View, Inc.	06/07/2016	3320534	16821927.7	
3332834	JMS Co., Ltd.	02/08/2016	3332834	16833020.7	
3334860	Kadant Inc.	15/08/2016	3334860	16754643.1	
3344188	Medtronic Vascular Inc.	31/08/2016	3344188	16763672.9	
3346029	RTX Corporation	09/01/2018	3346029	18150744.3	
3356374	Dow Global Technologies LLC	28/09/2016	3356374	16779288.6	
3357238	Blinx Pty Ltd.	06/10/2016	3357238	16852900.6	
3367485	Contemporary Amperex Technology (Hong Kong) Limited	25/04/2017	3367485	17803765.1	
3388655	Toyota Jidosha Kabushiki Kaisha	09/04/2018	3388655	18166325.3	
3389055	Siemens Healthineers AG	11/04/2017	3389055	17165888.3	German
3389512	Stryker European Operations Holdings LLC	15/12/2016	3389512	16820133.3	
3393492	Société des Produits Nestlé S.A.	08/12/2016	3393492	16809014.0	
3393504	Novartis AG	21/12/2016	3393504	16825970.3	
	The Trustees of the University of Pennsylvania				
	Dana-Farber Cancer Institute, Inc.				
	President and Fellows of Harvard College				
3394915	Raytheon Company	04/10/2016	3394915	16785033.8	
3396085	Iconx International Limited	19/04/2018	3396085	18168334.3	
3396644	Bernitz, Georg	25/04/2018	3396644	18169234.4	German
3400343	Falcon Waterfree Technologies, LLC	09/01/2017	3400343	17736521.0	
3407354	The Nielsen Company (US), LLC	22/10/2009	3407354	18183643.8	
3417486	ams-OSRAM Asia Pacific Pte. Ltd.	17/02/2017	3417486	17753598.6	
3418507	General Electric Company Polska Sp. Z o.o	19/06/2017	3418507	17461548.4	
3422296	Sony Interactive Entertainment Inc.	21/02/2017	3422296	17769766.1	
3423483	Board Of Regents Of the University Of Texas System	02/03/2017	3423483	17760774.4	
3425991	Huawei Technologies Co., Ltd.	31/03/2016	3425991	16895932.8	
3431520	Mitsubishi Gas Chemical Company, Inc.	13/03/2017	3431520	17766602.1	
	Thai Polyacetal Co. Ltd.				
3432314	F. Hoffmann-La Roche AG	17/07/2017	3432314	17181666.3	
3438206	Sekisui Chemical Co., Ltd.	28/03/2017	3438206	17775009.8	
3438847	Huawei Technologies Co., Ltd.	22/04/2016	3438847	16899017.4	
3439605	Pride Mobility Products Corporation	05/04/2017	3439605	17779759.4	
3444038	Lechler GmbH	10/08/2018	3444038	18188503.9	German
3445059	Huawei Technologies Co., Ltd.	05/05/2016	3445059	16900851.3	
3451922	Maquet Critical Care AB	03/05/2016	3451922	16724982.0	
3452123	Medtronic, Inc.	02/05/2017	3452123	17723207.1	
3452917	3 Palms Group, LLC	04/05/2017	3452917	17793384.3	
3453216	Samsung Electronics Co., Ltd.	05/06/2017	3453216	17810516.9	
3453474	General Electric Company	22/08/2018	3453474	18190271.9	
3456317	Alnylam Pharmaceuticals, Inc.	27/09/2012	3456317	18187183.1	
	Takeda Pharmaceutical Company Limited				
3461266	Kuraray America, Inc.	30/07/2018	3461266	18789311.0	
3461890	Chr. Hansen HMO GmbH	31/03/2014	3461890	18204608.6	
3466245	CLAAS Selbstfahrende Erntemaschinen GmbH	26/07/2018	3466245	18185662.6	German
3467877	Huawei Technologies Co., Ltd.	03/07/2017	3467877	17823591.7	
3474931	Merz Pharma GmbH & Co. KGaA	20/06/2017	3474931	17733769.8	
3479412	QUALCOMM Incorporated	29/06/2017	3479412	17737989.8	

3480578	Sumco Corporation	06/03/2017	3480578	17819553.3	German
3482418	Micron Technology, Inc.	15/06/2017	3482418	17824690.6	
3485078	Henkel AG & Co. KGaA	11/07/2017	3485078	17737578.9	
3486806	Huawei Technologies Co., Ltd.	22/04/2010	3486806	18183067.0	
3486834	Smart Eye AB	16/11/2017	3486834	17202115.6	
3490167	Mitsubishi Heavy Industries, Ltd.	10/02/2017	3490167	17870578.6	
3491381	Strech LLC	28/07/2017	3491381	17757593.3	
3492043	Boston Scientific Medical Device Limited	21/08/2008	3492043	18204076.6	
3493905	BASF Mobile Emissions Catalysts LLC	04/08/2017	3493905	17836513.6	
3498339	3M Innovative Properties Company	12/08/2013	3498339	19155503.6	
3499086	Kawasaki Jukogyo Kabushiki Kaisha	28/07/2017	3499086	17839250.2	German
3500351	Donaldson Company, Inc.	16/08/2017	3500351	17768881.9	
3500421	Deutsches Zentrum für Luft- und Raumfahrt e.V.	03/08/2017	3500421	17751349.6	
3501033	Raytheon Company	02/08/2017	3501033	17751556.6	
3501210	IPLA Holdings Inc.	16/08/2017	3501210	17758366.3	
3504370	COLOREEL GROUP AB	25/08/2017	3504370	17847094.4	
3504686	Magic Leap, Inc.	25/08/2017	3504686	17844503.7	
3504819	Huawei Technologies Co. Ltd.	16/11/2018	3504819	18815879.4	
3505049	Nokia Technologies Oy	29/12/2017	3505049	17211116.3	
3506169	Harman International Industries, Incorporated	14/08/2018	3506169	18184107.3	
3507992	Harman International Industries, Incorporated	31/08/2017	3507992	17847527.3	German
3511757	Nanophoton Corporation	31/08/2017	3511757	17848654.4	
3512190	Beijing Xiaomi Mobile Software Co., Ltd.	09/01/2019	3512190	19150898.5	
3519771	TomTom Traffic B.V.	29/09/2017	3519771	17791947.9	
3529847	QuantumScape Battery, Inc.	20/10/2017	3529847	17793811.5	
3529885	Texas Instruments Incorporated	18/10/2017	3529885	17862318.7	
3531742	Sony Group Corporation	16/08/2017	3531742	17865942.1	
3531948	Boston Scientific Scimed Inc. Mayo Foundation for Medical Education and Research	25/10/2017	3531948	17801140.9	
3533251	Qualcomm Incorporated	05/10/2017	3533251	17787093.8	
3533344	Cj Cheiljedang Corporation	23/06/2017	3533344	17865563.5	
3533945	Blackwood, Benjamin	01/03/2019	3533945	19160421.4	German
3535018	Micro-Leads, Inc.	07/11/2017	3535018	17866496.7	
3535659	Visa International Service Association	02/11/2017	3535659	17867259.8	
3538608	RESRG Automotive SE & Co. KG	20/10/2017	3538608	17787874.1	
3538740	Schlumberger Technology B.V.	09/11/2017	3538740	17818203.6	
3540138	Easy Sanitary Solutions B.V.	07/03/2019	3540138	19161255.5	
3541230	Luum, Inc.	16/11/2017	3541230	17871128.9	
3542394	X Display Company Technology Limited	14/11/2017	3542394	17811451.8	
3542968	The Boeing Company	24/01/2018	3542968	19173764.2	
3544366	Huawei Technologies Co., Ltd.	21/04/2017	3544366	17881082.6	German
3547038	Toppan Printing Co., Ltd.	28/11/2017	3547038	17873680.7	
3547627	Huawei Technologies Co., Ltd.	03/11/2017	3547627	17885290.1	
3547922	ZetrOZ Systems LLC	04/12/2017	3547922	17875937.9	
3550556	Xmems Labs, Inc.	06/12/2018	3550556	18210897.7	
3551781	Kateeva, Inc.	11/12/2017	3551781	17880261.7	
3557930	Huawei Technologies Co., Ltd.	16/01/2018	3557930	18761738.6	
3558028	SPX Flow Technology Danmark A/S	20/12/2017	3558028	17826223.4	
3560502	The Curators of the University of Missouri	11/04/2014	3560502	19163664.6	
3560564	Angel Playing Cards Co., Ltd.	17/01/2018	3560564	18744434.4	German
3562813	UPM-Kymmene Corporation	22/12/2017	3562813	17829997.0	
3563721	Hitmetal B.V.	02/05/2019	3563721	19172363.4	
3564179	Otis Elevator Company	30/04/2019	3564179	19172006.9	
3566017	BAE SYSTEMS Information and Electronic Systems Integration Inc.	05/01/2017	3566017	17890325.8	
3566331	Telefonaktiebolaget LM Ericsson (publ)	14/12/2017	3566331	17889689.0	
3566918	Karma Automotive, Inc.	09/05/2019	3566918	19173542.2	

3569307	Johnson Matthey Davy Technologies Limited	10/08/2010	3569307	19165009.2	
3569639	Johnson & Johnson Vision Care Inc.	20/12/2012	3569639	19169616.0	
3570810	Becton Dickinson and Company Limited	15/01/2018	3570810	18703131.5	
3570933	Viktor S.r.l.	18/01/2018	3570933	18705725.2	
3572513	Baylor College of Medicine Texas Heart Institute	09/12/2014	3572513	19167895.2	
3572840	Rheinmetall Air Defence AG	10/04/2019	3572840	19168463.8	German
3573701	Deep Brain Stimulation Technologies Pty. Ltd.	30/01/2017	3573701	17743504.7	
3575139	Samsung SDI Co., Ltd.	28/05/2019	3575139	19177086.6	
3576759	Merck Sharp & Dohme LLC	30/01/2018	3576759	18747138.8	
3576784	Merck Sharp & Dohme LLC	30/01/2018	3576784	18748821.8	
3576894	Robert Bosch GmbH	11/01/2018	3576894	18700336.3	German
3577374	MMT AG	22/12/2017	3577374	17829654.7	French
3577497	Seabed Geosolutions B.V.	05/02/2018	3577497	18706597.4	
3578511	Postic, Erwan Francois Marie Mitsui Chemicals, Inc.	25/01/2018	3578511	18747810.2	
3581152	Majoro Cardiac Innovations, LLC	20/12/2012	3581152	19185264.9	
3583287	National Oilwell Varco, L.P.	09/02/2018	3583287	18707478.6	
3583539	Systems and Software Enterprises, LLC	14/02/2018	3583539	18754869.8	
3585454	Koninklijke Philips N.V.	27/02/2018	3585454	18707368.9	
3585803	Merck Sharp & Dohme LLC	20/02/2018	3585803	18756694.8	
3593207	University of Central Florida Research Foundation, Inc.	17/04/2018	3593207	18788375.6	
3595735	IPG Photonics Corporation IRRAS USA, INC.	19/03/2018	3595735	18714854.9	
3595879	Hexcel Composites Limited	27/02/2018	3595879	18707375.4	
3597780	JFE Steel Corporation	14/03/2018	3597780	18766883.5	
3599868	FMC Corporation	16/03/2018	3599868	18772464.6	
3600550	Malignant Melanoma, LLC	22/03/2018	3600550	18776302.4	
3602106	Rheinmetall Electronics GmbH	29/05/2018	3602106	18728351.0	German
3605447	FUJIFILM Corporation	02/03/2018	3605447	18778354.3	
3606314	Fuji Corporation	29/03/2017	3606314	17902837.8	
3606662	Arvia Technology Limited	09/04/2018	3606662	18719242.2	
3608378	Versum Materials US, LLC	09/08/2019	3608378	19191128.8	
3610245	Institut für Nanophotonik Göttingen e.V.	12/04/2018	3610245	18721675.9	German
3610268	Abbott Laboratories	12/04/2018	3610268	18723106.3	
3613267	Google LLC	03/10/2018	3613267	18792772.8	
3616452	Apple Inc.	24/04/2018	3616452	18791849.5	
3620005	Apple Inc.	01/05/2018	3620005	18794724.7	
3620945	Baidu Online Network Technology (Beijing) Co., Ltd.	11/07/2019	3620945	19185780.4	
3621520	Auris Health, Inc.	09/05/2018	3621520	18799192.2	
3622598	Roxtec AB	09/05/2018	3622598	18798542.9	
3624264	HUAWEI TECHNOLOGIES CO., LTD.	27/12/2018	3624264	18920379.7	
3625576	Nederlandse Organisatie voor toegepast- natuurwetenschappelijk onderzoek TNO	14/05/2018	3625576	18731203.8	
3625840	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. Technische Universität Dresden	15/05/2018	3625840	18729879.9	German
3625993	QUALCOMM Incorporated	18/05/2018	3625993	18733021.2	
3627086	LG Chem, Ltd.	15/05/2018	3627086	18803147.0	
3627747	Huawei Technologies Co., Ltd.	01/06/2018	3627747	18818721.5	
3628629	Otis Elevator Company	12/08/2019	3628629	19191342.5	
3630047	Marine Biomedical Pty Ltd	01/06/2018	3630047	18810375.8	
3631987	Analog Devices, Inc.	09/05/2018	3631987	18806902.5	
3636066	Deere & Company	19/09/2019	3636066	19198359.2	
3637390	Hitachi Systems, Ltd.	24/08/2018	3637390	18924816.4	
3637473	Samsung Display Co., Ltd.	09/10/2019	3637473	19202128.5	
3637617	MKS Inc.	24/10/2013	3637617	19195244.9	

3641297	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	11/06/2018	3641297	18817466.8	
3642705	Microsoft Technology Licensing, LLC	24/05/2018	3642705	18752248.7	
3643695	The Chemours Company FC, LLC	18/12/2014	3643695	19217132.0	
3643708	Fukang (Shanghai) Health Technology Co., Ltd. Shanghai Institute of Materia Medica, Chinese Academy of Sciences	31/05/2018	3643708	18818471.7	
3644182	Huawei Technologies Co., Ltd.	13/07/2018	3644182	18841240.7	
3648146	IMEC vzw	05/11/2018	3648146	18204338.0	
3648613	The Rockefeller University	03/07/2018	3648613	18828254.5	
3648961	BOBST MEX SA	25/06/2018	3648961	18735182.0	
3649607	Samsung Electronics Co., Ltd.	08/10/2018	3649607	18872014.8	
3651835	SHL Medical AG	02/07/2018	3651835	18733641.7	
3653297	Nisshinbo Holdings Inc.	03/07/2018	3653297	18832863.7	
3654145	Microsoft Technology Licensing, LLC	30/08/2016	3654145	19218190.7	
3658106	Colgate-Palmolive Company	10/04/2018	3658106	18721562.9	
3658954	Sezanne Marine Limited	26/07/2018	3658954	18745946.6	
3658967	Cyalume Technologies, Inc	24/07/2018	3658967	18755356.5	
3659174	Beijing Tongmei Xtal Technology Co., Ltd.	29/06/2018	3659174	18838177.6	
3660540	Infineon Technologies AG	27/11/2019	3660540	19211781.0	
3660737	HERE Global B.V.	26/11/2019	3660737	19211442.9	
3660880	LSIS Co., Ltd.	24/09/2019	3660880	19199350.0	
3663747	MISTRAS GROUP, INC	29/11/2019	3663747	19212415.4	
3664620	Brava Home, Inc.	09/08/2018	3664620	18843259.5	
3667791	Sumitomo Electric Industries, Ltd.	09/08/2017	3667791	17920821.0	
3668221	Vivo Mobile Communication Co., Ltd.	07/08/2018	3668221	18844193.5	
3669888	Gambro Lundia AB	20/12/2018	3669888	18214369.3	
3672603	Cell Receptor AG	23/08/2018	3672603	18758618.5	
3672645	Reckitt Benckiser (Brands) Limited	21/08/2018	3672645	18759719.0	
3673258	Baxter International, Inc. Baxter Healthcare SA	24/08/2018	3673258	18765329.0	
3673400	Endgame, Inc.	02/08/2019	3673400	19835347.6	
3673564	dynamic E flow GmbH	14/08/2018	3673564	18759067.4	German
3673967	Vito NV	27/12/2018	3673967	18248092.1	
3674898	Kalray	10/12/2019	3674898	19214863.3	French
3676604	Blue Lab Solutions, LLC	04/10/2018	3676604	18793533.3	
3677369	Bosch Automotive Products (Suzhou) Co., Ltd.	26/07/2018	3677369	18850183.7	
3678564	Medos International Sàrl	21/08/2018	3678564	18853556.1	
3678603	Otto Bock Healthcare Products GmbH	19/06/2018	3678603	18733230.9	German
3681182	Huawei Technologies Co., Ltd.	16/10/2018	3681182	18867375.0	
3682360	Huawei Technologies Co., Ltd.	11/10/2018	3682360	18871352.3	
3683611	Nikon Corporation	12/09/2017	3683611	17924823.2	
3687535	Intra-Cellular Therapies, Inc.	26/09/2018	3687535	18860411.0	
3688845	HARTING Electric Stiftung & Co. KG	24/09/2018	3688845	18785818.8	German
3688984	Sony Interactive Entertainment Inc.	10/08/2018	3688984	18758695.3	
3690983	Zeon Corporation	18/09/2018	3690983	18861074.5	
3690999	Sumitomo Metal Mining Co., Ltd.	25/09/2018	3690999	18861760.9	
3691181	Apple Inc.	07/05/2019	3691181	20166552.8	
3691524	Mayo Foundation for Medical Education and Research	04/10/2018	3691524	18864365.4	
3694578	Amgen Inc.	21/08/2018	3694578	18772983.5	
3695360	Koninklijke KPN N.V.	04/10/2018	3695360	18779691.7	
3695653	NEC Corporation	09/10/2018	3695653	18796507.4	
3697262	Ekornes ASA	22/10/2018	3697262	18811669.3	
3697774	Vertex Pharmaceuticals Incorporated	19/10/2018	3697774	18797475.3	
3698346	VusionGroup GmbH	18/10/2017	3698346	17811197.7	German
3699658	Huawei Technologies Co., Ltd.	02/07/2018	3699658	18874831.3	
3700075	Kawasaki Jukogyo Kabushiki Kaisha	16/10/2018	3700075	18867666.2	
3700269	Beijing Xiaomi Mobile Software Co., Ltd.	25/10/2017	3700269	17930060.3	

3701333	Hewlett-Packard Development Company, L.P.	27/07/2018	3701333	18914951.1	
3701337	Ecoplant Technological Innovation Ltd	24/10/2018	3701337	18871062.8	
3701903	Align Technology, Inc.	07/07/2016	3701903	19201982.6	
3703147	Samsung Display Co., Ltd.	27/01/2020	3703147	20153798.2	
3704689	Walkme Ltd.	04/11/2018	3704689	18874174.8	
3706346	Samsung Electronics Co., Ltd.	16/11/2018	3706346	18877685.0	
3707839	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	09/11/2018	3707839	18808237.4	German
3708111	DENTSPLY SIRONA Inc.	19/08/2016	3708111	20168696.1	
3711594	Imperial Tobacco Limited	21/03/2019	3711594	19164426.9	
3712922	Ricoh Company, Ltd.	28/02/2020	3712922	20160243.0	
3713232	QUALCOMM Incorporated	27/12/2011	3713232	20157148.6	
3714302	Corning Research & Development Corporation	13/11/2018	3714302	18879937.3	
3715290	TRANSNORM SYSTEM GmbH	24/03/2020	3715290	20165417.5	
3716527	Wago Verwaltungsgesellschaft mbH	24/03/2020	3716527	20165188.2	German
3716835	ALCON INC.	26/11/2018	3716835	18822495.0	
3717105	Sartorius Stedim Biotech GmbH	08/11/2018	3717105	18800604.3	German
3718374	Jabil Inc.	03/12/2018	3718374	18882870.1	
3719638	INTEL Corporation	27/02/2020	3719638	20159798.6	
3719642	Humming Heads Inc.	09/03/2020	3719642	20161790.9	
3719935	TE Connectivity Germany GmbH	31/03/2020	3719935	20167072.6	
3720309	Nicoventures Trading Limited	05/12/2018	3720309	18826508.6	
3720338	Ecole Polytechnique Fédérale de Lausanne (EPFL)	29/11/2018	3720338	18807366.2	
	GTX medical B.V.				
3721159	Mécanique Analytique Inc.	05/12/2018	3721159	18886447.4	
3721608	HUAWEI TECHNOLOGIES CO., LTD.	14/02/2018	3721608	18705882.1	
3721818	Vascular Medcure, Inc.	05/08/2016	3721818	20175999.0	
3721930	Fisher & Paykel Healthcare Limited	05/08/2014	3721930	20164315.2	
3722436	Ferring Ventures Ltd	03/04/2017	3722436	20176020.4	
3722969	Palantir Technologies Inc.	13/03/2020	3722969	20163123.1	
3724685	MicroVision, Inc.	16/11/2018	3724685	18804314.5	German
3724855	Magic Leap, Inc.	03/12/2018	3724855	18889538.7	
3725516	LG CHEM, LTD.	04/07/2018	3725516	18887431.7	
3725773	Shin-Etsu Chemical Co., Ltd.	30/03/2020	3725773	20166913.2	
3726862	Huawei Technologies Co., Ltd.	20/02/2013	3726862	20168238.2	
3727167	Medacta International SA	17/12/2018	3727167	18833328.0	
3727214	Kardiozis SAS	19/12/2018	3727214	18839529.7	
3727380	Merck Sharp & Dohme LLC	12/12/2018	3727380	18892051.6	
3727901	Horizon Global (South Africa) (Pty) Ltd	20/12/2018	3727901	18892057.3	
	Belinky, Jacob				
3729520	LITEC-Vermögensverwaltungsgesellschaft mbH	17/12/2018	3729520	18825966.7	German
3729675	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	21/12/2017	3729675	17823248.4	
3730105	CHOI'S OPHTHALMIC INSTITUTE	28/11/2018	3730105	18910109.0	
3730727	Volvo Car Corporation	23/03/2020	3730727	20164900.1	
3732638	BULL SAS	28/12/2018	3732638	18845305.4	French
3734552	HUAWEI TECHNOLOGIES CO., LTD.	25/12/2018	3734552	18905692.2	
3734558	Huf Hülsbeck & Fürst GmbH & Co. KG	20/04/2020	3734558	20170428.5	German
3735391	Engell, Maria Terese	04/01/2019	3735391	19700085.4	
3735674	Koninklijke Philips N.V.	03/01/2019	3735674	19705283.0	
3735721	Radiall	08/03/2019	3735721	19877537.1	
3737127	NTT DOCOMO, INC.	10/05/2019	3737127	19173865.7	
3737270	Premier Specialty Brands LLC	09/01/2019	3737270	19738014.0	
3737465	Curonix LLC	01/02/2019	3737465	19746618.8	
3738316	Intelligent Security Systems Corporation	09/01/2019	3738316	19738985.1	
3738583	KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES	08/03/2019	3738583	19739175.8	
3740251	Leviant, Inc.	16/01/2019	3740251	19741198.6	

3741376	Green Cross WellBeing Corporation	13/12/2018	3741376	18887708.8
3742408	Glory Ltd.	06/05/2020	3742408	20173206.2
3744063	InterDigital Patent Holdings, Inc.	25/01/2019	3744063	19704959.6
3745015	Nitto Denko Corporation	23/01/2019	3745015	19743477.2
3745479	LG Innotek Co., Ltd.	22/01/2019	3745479	19743973.0
3745488	SK On Co., Ltd.	29/05/2020	3745488	20177496.5
3745628	Beijing Xiaomi Mobile Software Co., Ltd. Beijing University of Posts and Telecommunications	30/01/2018	3745628	18904263.3
3746379	Cambridge International, Inc.	29/01/2019	3746379	19747494.3
3746856	Five AI Limited	27/02/2019	3746856	19708290.2
3747168	Telefonaktiebolaget LM Ericsson (publ)	31/01/2018	3747168	18703544.9
3749335	University of Florida Research Foundation	08/02/2019	3749335	19751033.2
3749682	Acceleron Pharma Inc. The Regents Of The University Of Michigan	08/02/2019	3749682	19751135.5
3751382	University of Science and Technology of China	11/02/2018	3751382	18904613.9
3751449	Vivo Mobile Communication Co., Ltd.	30/01/2019	3751449	19751258.5
3752868	Luxottica S.r.l.	13/02/2019	3752868	19704333.4
3753537	Nabtesco Corporation	23/12/2019	3753537	19219515.4
3754222	FOX FACTORY, INC.	26/04/2018	3754222	20175262.3
3756337	Samsung Electronics Co., Ltd.	03/05/2019	3756337	19796179.0
3756347	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	18/02/2019	3756347	19704344.1
3756625	DePuy Ireland Unlimited Company	24/06/2020	3756625	20182087.5
3757670	Panasonic Intellectual Property Management Co., Ltd.	24/06/2020	3757670	20181972.9
3758339	Huawei Technologies Co., Ltd.	07/03/2019	3758339	19763170.8
3759568	Hewlett-Packard Development Company, L.P.	31/08/2018	3759568	18931785.2
3759752	Graphenix Development, Inc.	26/02/2019	3759752	19710544.8
3759858	Telefonaktiebolaget LM Ericsson (publ)	28/02/2019	3759858	19713858.9
3762770	Magic Leap, Inc.	05/03/2019	3762770	19764481.8
3765377	SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA	11/03/2019	3765377	19721019.8
3766291	Senscomm Semiconductor Co., Ltd.	12/03/2019	3766291	19767667.9
3768766	Dow Silicones Corporation Dow Global Technologies LLC	22/02/2019	3768766	19712637.8
3769385	Dr. Ralf Hinkel Holding GmbH	12/03/2019	3769385	19711285.7
3769439	QUALCOMM Incorporated	20/03/2019	3769439	19715654.0
3769515	HUAWEI TECHNOLOGIES CO., LTD.	19/02/2019	3769515	19709227.3
3769840	LEX Diagnostics Ltd	26/07/2019	3769840	19188514.4
3769875	Sumitomo Electric Hardmetal Corp.	30/01/2019	3769875	19770722.7
3769894	Osaka University	22/02/2019	3769894	19770353.1
3770485	Nitto Denko Corporation	22/03/2019	3770485	19771868.7
3771626	KAWASAKI MOTORS, LTD.	28/07/2020	3771626	20188104.2
3773565	Hinova Pharmaceuticals Inc.	27/03/2019	3773565	19775315.5
3774680	FUJIFILM Electronic Materials U.S.A, Inc.	19/02/2019	3774680	19778084.4
3774733	InventisBio Co., Ltd.	26/03/2019	3774733	19778289.9
3775915	Koninklijke Philips N.V.	02/04/2019	3775915	19713499.2
3776560	GE Healthcare Limited GENERAL ELECTRIC COMPANY	29/03/2019	3776560	19714664.0
3776611	KYOCERA AVX Components Corporation	29/03/2019	3776611	19784966.4
3777301	Nokia Technologies Oy	05/04/2019	3777301	19718086.2
3777496	Deere & Company	05/08/2020	3777496	20189618.0
3777958	Koyo Sangyo Co. Ltd.	30/08/2019	3777958	19868995.2
3778530	Shoei Chemical Inc.	15/03/2019	3778530	19784351.9
3778531	Shoei Chemical Inc.	15/03/2019	3778531	19784776.7
3780056	Siemens Aktiengesellschaft	16/08/2019	3780056	19192095.8
3780504	Juniper Networks, Inc.	13/08/2020	3780504	20190955.3

German

3780752	Datang Mobile Communications Equipment Co., Ltd.	15/02/2019	3780752	19781813.1	German
3781102	Spiral Therapeutics, Inc.	18/04/2019	3781102	19725796.7	
3781370	KUKA Deutschland GmbH	12/04/2019	3781370	19718303.1	
3782346	InfoNetworks LLC	19/04/2019	3782346	19722765.5	
	Cona, Frank A.				
	Palage, Michael D.				
3783545	Siemens Aktiengesellschaft	19/08/2019	3783545	19192356.4	
3784314	W. L. Gore & Associates, Inc.	24/04/2018	3784314	18723307.7	
3785713	CGenetech (Suzhou, China) Co., Ltd.	29/05/2018	3785713	18916302.5	
3786101	KOBELCO CONSTRUCTION MACHINERY CO., LTD.	10/07/2020	3786101	20185111.0	
3788144	University of Massachusetts	01/05/2019	3788144	19796036.2	German
	The Children's Medical Center Corporation				
3788226	ENGINEERING INNOVATION & DESIGN LIMITED	29/04/2019	3788226	19721372.1	
3788227	ENGINEERING INNOVATION & DESIGN LIMITED	29/04/2019	3788227	19721373.9	
3789894	Toyota Jidosha Kabushiki Kaisha	10/07/2020	3789894	20185198.7	
3791550	Dish Network, L.L.C.	24/04/2019	3791550	19729588.4	
3791641	Sharp Kabushiki Kaisha	10/05/2019	3791641	19799782.8	
3792249	Shenzhen Chipscreen Biosciences Co., Ltd.	29/04/2019	3792249	19800412.9	
3793221	Usound GmbH	10/09/2020	3793221	20195530.9	
3793335	Hypertherm, Inc.	16/06/2014	3793335	20203741.2	French
3794739	HUAWEI TECHNOLOGIES CO., LTD.	26/01/2019	3794739	19830606.0	
3794808	Samsung Electronics Co., Ltd.	14/06/2019	3794808	19819996.0	
3795085	RAYCAN Technology Co., Ltd. (Suzhou)	09/05/2019	3795085	19854915.6	
3798812	HUAWEI TECHNOLOGIES CO., LTD.	27/06/2018	3798812	18924267.0	
3799118	INTEL Corporation	03/12/2015	3799118	20200804.1	
3799735	Liu, Tuanfang	08/05/2020	3799735	20173626.1	
3800740	Japan Aviation Electronics Industry, Ltd.	05/08/2020	3800740	20189601.6	
3802406	Q-Ctrl Pty Ltd	31/05/2019	3802406	19815164.9	
3802641	Dow Global Technologies LLC	23/05/2019	3802641	19730065.0	
3802749	VBASE Oil Company	03/06/2019	3802749	19737282.4	German
3802871	Monoquant PTY LTD	07/06/2019	3802871	19820379.6	
3802963	Cetres Holdings, LLC	17/05/2019	3802963	19803514.9	
3803056	SAFRAN AIRCRAFT ENGINES	23/05/2019	3803056	19737815.1	
3803476	Girard Larivière Inc.	04/06/2019	3803476	19814079.0	
3805270	Beijing Marino Biotechnology Pty Ltd.	24/10/2018	3805270	18920160.1	
3805280	Kuraray Co., Ltd.	29/05/2019	3805280	19811661.8	
3805456	Daio Paper Corporation	03/06/2019	3805456	19814566.6	
3806358	ZTE Corporation	28/05/2019	3806358	19811463.9	
3807715	Magic Leap, Inc.	13/06/2019	3807715	19818880.7	
3808066	Nextiva, Inc.	11/06/2019	3808066	19823103.7	German
3808249	TOPCON CORPORATION	15/04/2019	3808249	19819291.6	
3810859	Miller UK Limited	21/06/2019	3810859	19734152.2	
3811217	SALVADOR TECHNOLOGIES LTD	17/06/2019	3811217	19826350.1	
3811430	Bayerische Motoren Werke Aktiengesellschaft	02/05/2019	3811430	19723717.5	
3811996	TC1 LLC	27/06/2013	3811996	20210668.8	
3812827	Samsung Electronics Co., Ltd.	21/04/2020	3812827	20170653.8	
3813549	Arla Foods amba	26/06/2019	3813549	19732391.8	
3814076	Flexiv Ltd.	01/07/2019	3814076	19830161.6	
	Flexiv Robotics Inc.				
3814747	Robert Bosch GmbH	28/06/2019	3814747	19733502.9	German
	TRUMPF Photonic Components GmbH				
3816403	RTX Corporation	22/10/2020	3816403	20203334.6	
3816727	Beijing Xiaomi Mobile Software Co., Ltd.	27/03/2020	3816727	20166114.7	
3817196	Nikkiso Co., Ltd.	18/07/2019	3817196	19846396.0	
3817245	Nokia Technologies Oy	09/10/2020	3817245	20200989.0	
3818397	ETH Zurich	02/07/2019	3818397	19733819.7	
3818428	Samsung Electronics Co., Ltd.	24/06/2019	3818428	19833886.5	

3818838	KT&G Corporation	09/08/2019	3818838	19847236.7	
3818872	KT&G Corporation	23/10/2019	3818872	19885099.2	
3819482	MITSUBISHI HEAVY INDUSTRIES ENGINE & TURBOCHARGER, LTD.	02/08/2019	3819482	19847836.4	
3819655	Nokia Technologies Oy	29/10/2020	3819655	20204516.7	
3819732	QKM Technology (Dong Guan) Co., Ltd	08/07/2019	3819732	19830919.7	
3820370	Shanghai United Imaging Healthcare Co., Ltd.	23/08/2019	3820370	19851317.8	
3822634	Apex Biotechnology Corporation	11/11/2020	3822634	20000408.3	
3823163	Imec VZW	12/11/2019	3823163	19208628.8	
3823185	Outdoor Wireless Networks LLC	08/04/2014	3823185	20217542.8	
3823234	Accenture Global Solutions Limited	12/11/2019	3823234	19208478.8	
3823399	QUALCOMM Incorporated	21/04/2015	3823399	21151007.8	
3823555	Sanulus Medical, LLC	18/07/2019	3823555	19749104.6	
3823704	SHL Medical AG	28/06/2019	3823704	19733075.6	
3824413	Telecom Italia S.p.A.	18/07/2019	3824413	19746038.9	
3824750	Changzhou Patent Electronic Technology Co., Ltd	01/07/2019	3824750	19838718.5	
3826802	IPG Photonics Corporation	30/08/2019	3826802	19853441.4	
3827666	Beijing Xiaomi Mobile Software Co., Ltd.	09/06/2020	3827666	20178876.7	
3828353	Landroad Inc	06/12/2018	3828353	18927339.4	
3829421	The Regents of the University of California	29/07/2019	3829421	19843857.4	
3830693	Telefonaktiebolaget LM Ericsson (publ)	30/07/2019	3830693	19779104.9	
3831089	Roku, Inc.	16/07/2019	3831089	19844943.1	
3832440	VIVO MOBILE COMMUNICATION CO., LTD.	16/07/2019	3832440	19845388.8	
3832762	SUMITOMO METAL MINING CO., LTD.	30/07/2019	3832762	19844317.8	
3832779	Samsung SDI Co., Ltd.	02/12/2020	3832779	20211300.7	
3833257	C. R. Bard, Inc.	08/08/2019	3833257	19848692.0	
3833421	Becton, Dickinson and Company	23/07/2019	3833421	19749963.5	
3833435	F. Hoffmann-La Roche AG	08/08/2019	3833435	19846750.8	
	Ventana Medical Systems, Inc. Prothena Biosciences Limited				
3833464	Kadant Black Clawson LLC	09/08/2019	3833464	19759192.8	
3834263	icotek project GmbH & Co. KG	24/07/2019	3834263	19746064.5	German
3834430	Bose Corporation	02/08/2019	3834430	19752887.0	
3834737	St. Jude Medical, Cardiology Division, Inc.	26/08/2020	3834737	20192944.5	
3835505	Aepli Metallbau AG	10/12/2019	3835505	19214666.0	German
3835849	Continental Automotive Technologies GmbH	12/11/2020	3835849	20207066.0	German
3835976	HUAWEI TECHNOLOGIES CO., LTD.	05/05/2019	3835976	19856658.0	
3836516	Hill-Rom Services, Inc.	08/12/2020	3836516	20212505.0	
3836743	ZTE Corporation	09/08/2019	3836743	19846731.8	
3837008	Pharmacyl AB	15/08/2019	3837008	19750132.3	
3837273	Bristol-Myers Squibb Company	13/08/2019	3837273	19759237.1	
3840456	HUAWEI TECHNOLOGIES CO., LTD.	11/10/2018	3840456	18936294.0	
3841120	Citryll B.V.	20/08/2019	3841120	19756180.6	
3845649	Industrial Technology Research Institute	23/12/2020	3845649	20217127.8	
3846545	Apple Inc.	31/12/2020	3846545	20218026.1	
3847427	Adelos, Inc.	06/09/2019	3847427	19773292.8	
3847641	Samsung Electronics Co., Ltd.	23/10/2019	3847641	19877160.2	
3848616	CLAAS Selbstfahrende Erntemaschinen GmbH	08/10/2020	3848616	20200685.4	German
3849264	Apogee Networks, LLC	29/08/2019	3849264	19858130.8	
3849274	Sony Group Corporation	23/08/2019	3849274	19857823.9	
3851422	Nippon Sheet Glass Company, Limited	27/07/2017	3851422	21154997.7	
3852286	HUAWEI TECHNOLOGIES CO., LTD.	10/10/2019	3852286	19871564.1	
3853798	Mastercard International Incorporated	02/08/2019	3853798	19863132.7	
3854754	Goodrich Corporation	21/01/2021	3854754	21152782.5	
3856004	Carl Zeiss Meditec AG	24/09/2019	3856004	19778487.9	
	Carl Zeiss Meditec, Inc.				
3856734	Studiengesellschaft Kohle gGmbH	05/11/2019	3856734	19800978.9	

3858803	Sumitomo Electric Hardmetal Corp. SUMITOMO ELECTRIC INDUSTRIES, LTD.	04/09/2019	3858803	19867895.5	
3858875	AGC INC.	27/09/2019	3858875	19865491.5	
3859235	Weiss Technik GmbH	31/01/2020	3859235	20154912.8	German
3859550	Exagrid Systems, Inc.	03/02/2021	3859550	21155063.7	
3863044	Renesas Electronics Corporation	05/02/2021	3863044	21155423.3	
3863506	Seno Medical Instruments, Inc.	26/09/2019	3863506	19871922.1	
3864060	Rohm and Haas Company	10/10/2018	3864060	18936538.0	
3864606	Mercari, Inc.	04/10/2019	3864606	19871577.3	
3866055	Aptiv Technologies AG	12/02/2020	3866055	20157009.0	
3866162	Baidu Online Network Technology (Beijing) Co., Ltd.	22/12/2020	3866162	20216654.2	
3866456	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	15/11/2017	3866456	21167341.3	
3866881	CareFusion 303, Inc.	14/10/2019	3866881	19798426.3	
3867091	Corning Incorporated	15/10/2019	3867091	19797510.5	
3867904	QUALCOMM INCORPORATED	17/10/2019	3867904	19802348.3	
3868640	Specialized Bicycle Components, Inc.	14/10/2016	3868640	21158342.2	
3868738	China Petroleum & Chemical Corporation Shanghai Research Institute of Petrochemical Technology, SINOPEC	17/10/2019	3868738	19872962.6	
3869077	Fernco GmbH	18/02/2021	3869077	21157764.8	German
3869172	Honeywell International Inc.	10/02/2021	3869172	21156434.9	
3869183	Berthold Technologies GmbH & Co. KG	24/02/2020	3869183	20158947.0	German
3869888	Huawei Technologies Co., Ltd.	26/11/2019	3869888	19888894.3	
3871135	L'OREAL	24/10/2019	3871135	19797201.1	
3872409	Qingdao Haier Air-Conditioning Electronic Co., Ltd	15/05/2020	3872409	20818069.5	
3872695	Haier Smart Home Co., Ltd. TOYOTA JIDOSHA KABUSHIKI KAISHA Institut National de Recherche en Informatique et en Automatique (INRIA)	28/02/2020	3872695	20305205.5	
3872835	Siemens Healthineers AG	28/02/2020	3872835	20160060.8	German
3873239	Imperial Tobacco Limited	25/10/2019	3873239	19797610.3	
3873366	Cilag GmbH International	24/10/2019	3873366	19795355.7	
3873673	Metso Finland Oy	29/10/2018	3873673	18938839.0	
3874293	QUALCOMM INCORPORATED	31/10/2019	3874293	19836856.5	
3874555	Robert Bosch GmbH	07/10/2019	3874555	19783024.3	German
3874871	Koninklijke Philips N.V.	30/10/2019	3874871	19794161.0	
3876748	IMS Trading, LLC	08/11/2019	3876748	19882802.2	
3877950	THERMAFY GROUP LTD	05/11/2019	3877950	19820840.7	
3878607	ADHEX TECHNOLOGIES	01/03/2021	3878607	21159876.8	French
3879195	Stiebel Eltron GmbH & Co. KG	10/03/2021	3879195	21161792.3	German
3879642	Advanced Photonics Applications GmbH	13/03/2020	3879642	20162911.0	German
3879760	ise Individuelle Software und Elektronik GmbH	10/03/2020	3879760	20161982.2	German
3880299	The Methodist Hospital	13/11/2019	3880299	19818333.7	
3880508	Easelink GmbH	15/11/2019	3880508	19805272.2	German
3881184	Microsoft Technology Licensing, LLC	29/10/2019	3881184	19805088.2	
3882574	Mitsubishi Logisnext Co., Ltd.	26/02/2021	3882574	21159641.6	
3882671	AZUR SPACE Solar Power GmbH	12/03/2021	3882671	21000068.3	German
3882816	Nuctech Company Limited Tsinghua University	16/03/2021	3882816	21162895.3	
3882983	AZUR SPACE Solar Power GmbH	12/03/2021	3882983	21000073.3	German
3885658	NICFA S.r.l.	23/03/2021	3885658	21164181.6	
3886312	Hangzhou Leaderway Electronics Co., Ltd	21/11/2019	3886312	19886859.8	
3886504	Huawei Technologies Co., Ltd.	14/03/2017	3886504	20208247.5	
3887443	DOW GLOBAL TECHNOLOGIES LLC	29/11/2018	3887443	18941804.9	
3887877	Optotune Switzerland AG	29/11/2019	3887877	19809493.0	
3888292	Mocana Corporation	22/11/2019	3888292	19890192.8	

3888543	Hill-Rom Services, Inc.	29/03/2021	3888543	21165524.6	
3889709	Otto Martin Maschinenbau GmbH & Co. KG	29/03/2021	3889709	21165629.3	German
3890072	SK On Co., Ltd.	31/03/2021	3890072	21166414.9	
3890398	Huawei Technologies Co., Ltd.	02/12/2019	3890398	19910041.3	
3890583	Intuitive Surgical Operations, Inc.	03/12/2019	3890583	19828029.9	
3891240	Eastman Chemical (China) Co., Ltd.	06/12/2019	3891240	19892956.4	
3893563	Samsung Electronics Co., Ltd.	07/01/2020	3893563	20739166.5	
3894044	FLUITEC N.V.	27/11/2019	3894044	19889875.1	
3894308	Bayerische Motoren Werke Aktiengesellschaft	04/11/2019	3894308	19798590.6	German
3894787	Second Bridge Inc.	09/12/2019	3894787	19820885.2	
3895331	QUALCOMM Incorporated	05/12/2019	3895331	19832485.7	
3895356	Huawei Technologies Co., Ltd.	09/01/2019	3895356	19700271.0	
3895702	Lietuvos sveikatos mokslu universitetas	16/04/2021	3895702	21168796.7	
3896338	Wuhu Midea Kitchen and Bath Appliances Mfg. Co., Ltd.	10/12/2019	3896338	19895866.2	
3896968	Sony Semiconductor Solutions Corporation	10/12/2019	3896968	19894868.9	
3897372	W. L. Gore & Associates, Inc.	23/12/2019	3897372	19848954.4	
3897556	The National University of Singapore L'OREAL	20/12/2019	3897556	19831747.1	
	Nanyang Technological University				
3897592	Godavari Biorefineries Ltd.	16/12/2019	3897592	19858686.9	
3897877	Scania CV AB	25/11/2019	3897877	19899464.2	
3898076	Robert Bosch GmbH	25/11/2019	3898076	19809772.7	German
3899680	Epiroc Rock Drills Aktiebolag	19/12/2019	3899680	19827862.4	
3899813	Microsoft Technology Licensing, LLC	25/11/2019	3899813	19818499.6	
3900209	Telefonaktiebolaget LM Ericsson (publ)	02/12/2019	3900209	19818265.1	
3900664	Align Technology, Inc.	30/01/2015	3900664	21179777.4	
3901126	L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE	20/04/2020	3901126	20020186.1	German
3901501	Hamilton Sundstrand Corporation	26/04/2020	3901501	20461531.4	
3901572	LG Electronics Inc.	22/04/2021	3901572	21169976.4	
3901658	Continental Automotive Technologies GmbH	06/04/2021	3901658	21166885.0	German
3902569	ASP Global Manufacturing GmbH	04/11/2019	3902569	19801423.5	
3903859	Daicel Corporation	27/12/2019	3903859	19906350.4	
3904923	Viavi Solutions Inc.	27/04/2021	3904923	21170801.1	
3905656	Sony Semiconductor Solutions Corporation	10/12/2019	3905656	19901428.3	
3905787	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	21/06/2016	3905787	21178166.1	
3905839	Huawei Technologies Co., Ltd.	09/01/2020	3905839	20738427.2	
3906724	Cohere Technologies, Inc.	31/12/2019	3906724	19907539.1	
3907514	Commissariat à l'Energie Atomique et aux Energies Alternatives	06/05/2021	3907514	21172374.7	French
3907935	T-Mobile USA, Inc.	14/08/2020	3907935	20191183.1	
3908168	Stryker Corporation	13/01/2020	3908168	20704700.2	
3908926	Commissariat à l'Energie Atomique et aux Energies Alternatives	26/02/2020	3908926	20713730.8	French
3909009	Société des Produits Nestlé S.A.	29/01/2020	3909009	20703549.4	
3909019	AUMOVIO Autonomous Mobility Germany GmbH	04/12/2019	3909019	19823768.7	German
3909733	Homann Holzwerkstoffe GmbH	09/04/2021	3909733	21167578.0	German
3912536	SEB S.A.	05/05/2021	3912536	21172219.4	French
3913123	Twelve Solutions UG (haftungsbeschränkt)	13/04/2021	3913123	21168062.4	German
3913569	Samsung Electronics Co., Ltd.	28/01/2019	3913569	19909669.4	
3913593	HAGER SAFETY	19/05/2020	3913593	20315248.3	French
3914136	SharkNinja Operating LLC	24/01/2020	3914136	20744592.5	
3914402	Primetals Technologies Japan, Ltd.	25/01/2019	3914402	19911234.3	
3915099	Tabor Mountain LLC	24/01/2020	3915099	20707944.3	
3915469	Samsung Electronics Co., Ltd.	17/10/2018	3915469	21180527.0	

3915510	Osstemimplant Co., Ltd.	14/02/2020	3915510	20760047.9	
3915750	The Boeing Company	30/03/2021	3915750	21165929.7	
3915753	Nidec Corporation	26/05/2021	3915753	21175952.7	
3916439	Panasonic Intellectual Property Management Co., Ltd.	10/01/2020	3916439	20744804.4	
3917038	Huawei Technologies Co., Ltd.	29/03/2019	3917038	19923579.7	
3917056	Huawei Technologies Co., Ltd.	25/02/2020	3917056	20763556.6	
3917182	Huawei Technologies Co., Ltd.	20/04/2020	3917182	20794285.5	
3917588	Kardiatec SA	01/02/2020	3917588	20709000.2	
3920164	Pioneer Corporation	23/01/2020	3920164	20748638.2	
3920558	Huawei Technologies Co., Ltd.	25/03/2019	3920558	19921583.1	
3920733	KT & G Corporation	27/11/2020	3920733	20922469.0	
3921739	Fermat International, Inc..	30/12/2019	3921739	19914489.0	
3921787	Volvo Autonomous Solutions AB	07/02/2019	3921787	19705935.5	
3922008	Anduril Industries, Inc.	04/02/2020	3922008	20709854.2	
3922338	Donaldson Company, Inc.	10/06/2020	3922338	20179400.5	
3923671	Huawei Technologies Co., Ltd.	25/02/2020	3923671	20763681.2	
3923768	The Lovesac Company	13/02/2020	3923768	20755033.6	
3924618	King Abdullah University Of Science And Technology Saudi Arabian Oil Company	23/08/2019	3924618	19762681.5	
3925119	ZTE Corporation	14/02/2019	3925119	19914984.0	
3925153	QUALCOMM INCORPORATED	14/02/2020	3925153	20712119.5	
3926408	KONICA MINOLTA, INC.	31/05/2021	3926408	21176808.0	
3926438	Samsung Electronics Co., Ltd.	19/02/2020	3926438	20758962.3	
3926652	GS Yuasa International Ltd.	18/03/2020	3926652	20782553.0	
3926803	ABB Schweiz AG	17/06/2020	3926803	20180584.3	
3926998	SOLiD Inc.	16/06/2021	3926998	21179787.3	
3927060	Sharp Kabushiki Kaisha	14/02/2020	3927060	20755584.8	
3927823	Epsilon Molecular Engineering, Inc. Saitama University	22/02/2020	3927823	20759691.7	
3927834	Abuammah, Aliah Mohammed	20/02/2020	3927834	20715427.9	
3930059	Duesenfeld GmbH	12/10/2017	3930059	21191131.8	German
3930425	LG Electronics Inc.	24/06/2021	3930425	21181433.0	
3930527	Fast IP, LLC	26/02/2020	3930527	20762146.7	
3931087	Rheinmetall Waffe Munition GmbH	06/02/2020	3931087	20704503.0	German
3931548	Microsoft Technology Licensing, LLC	07/02/2020	3931548	20709955.7	
3931597	Samsung Electronics Co., Ltd.	01/07/2020	3931597	20834119.8	
3932787	TOYOTA JIDOSHA KABUSHIKI KAISHA	24/06/2021	3932787	21181312.6	
3932821	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.	14/02/2020	3932821	20763368.6	
3933519	Kabushiki Kaisha Yaskawa Denki	21/06/2021	3933519	21180625.2	
3933542	OMRON CORPORATION	21/02/2020	3933542	20766905.2	
3933963	VARTA Microbattery GmbH	01/07/2020	3933963	20183540.2	German
3934387	Zumtobel Lighting GmbH	07/06/2021	3934387	21177915.2	German
3935126	The Chemours Company FC, LLC	06/03/2020	3935126	20716292.6	
3936312	GDM S.P.A.	05/07/2021	3936312	21183649.9	
3936589	China Petroleum & Chemical Corporation Research Institute Of Petroleum Processing Sinopec	02/03/2020	3936589	20766163.8	
3938701	Signify Holding B.V.	12/03/2020	3938701	20709593.6	
3939024	INTEL Corporation	12/03/2019	3939024	19918954.9	
3939181	Microsoft Technology Licensing, LLC	23/03/2020	3939181	20719062.0	
3939440	KT&G Corporation	08/03/2021	3939440	21735566.8	
3939463	NIKE Innovate C.V.	31/07/2020	3939463	21195588.5	
3940165	C.R. Laurence Co., Inc.	16/07/2021	3940165	21186018.4	
3943135	Amgen Inc.	14/10/2015	3943135	21150456.8	
3943703	Urban GmbH & Co. Maschinenbau KG	28/05/2021	3943703	21176654.8	German
3944525	Beijing Xiaomi Mobile Software Co., Ltd.	20/03/2019	3944525	19919733.6	
3944569	Huawei Technologies Co., Ltd.	25/03/2020	3944569	20790835.1	
3945980	Aristarco, Andrea	26/03/2020	3945980	20721831.4	

3946204	Augustine Biomedical and Design, LLC	16/03/2020	3946204	20718924.2	
3947382	Academia Sinica	25/03/2020	3947382	20779255.7	
	National Health Research Institutes				
3949863	FUJIFILM Corporation	02/09/2020	3949863	21196000.0	
3950260	NISSEI ASB MACHINE CO., LTD.	24/03/2020	3950260	20779963.6	
3950770	Teijin Limited	27/03/2020	3950770	20784774.0	
3951181	mitsubishi heavy industries thermal systems, ltd.	25/04/2019	3951181	19925955.7	
3951743	NISSAN MOTOR CO., LTD.	13/03/2020	3951743	20776453.1	
	Renault s.a.s				
3951785	FUJIFILM Corporation	25/03/2020	3951785	20783157.9	
3951867	INTEL Corporation	03/12/2015	3951867	21175747.1	
3951981	NGK Insulators, Ltd.	24/10/2019	3951981	19921964.3	
3952300	VIVO MOBILE COMMUNICATION CO., LTD.	24/03/2020	3952300	20782809.6	
3952356	Huawei Technologies Co., Ltd.	05/06/2020	3952356	20819428.2	
3952643	UGLX Research AB	12/04/2020	3952643	20787277.1	
3952644	UGLK Science AB	12/04/2020	3952644	20787415.7	
3952815	Gobi Technologies Inc.	29/05/2020	3952815	20813098.9	
3952870	Nanjing Zenshine Pharmaceuticals Co., Ltd.	08/04/2020	3952870	20787597.2	
3953342	Stem Synergy Therapeutics, Inc.	11/02/2020	3953342	20787427.2	
	University of Miami				
3953503	3DM Biomedical Pty Ltd	24/03/2020	3953503	20786232.7	
3955432	Guangdong Welling Auto Parts Co., Ltd.	16/12/2019	3955432	19930525.1	
3955460	Analog Devices, Inc.	06/08/2021	3955460	21190082.4	
3956334	AMO Ireland	17/04/2020	3956334	20718675.0	
3956754	Preh GmbH	20/01/2021	3956754	21701295.4	German
3956910	Atmospheric Plasma Solutions, Inc.	15/04/2020	3956910	20791561.2	
3956920	Atmospheric Plasma Solutions, Inc.	16/04/2020	3956920	20791285.8	
3957090	Apple Inc.	15/04/2020	3957090	20724978.0	
3957813	Witte Automotive GmbH	19/07/2021	3957813	21186308.9	German
3958208	FUJITSU LIMITED	19/04/2019	3958208	19925334.5	
3958509	Huawei Technologies Co., Ltd.	09/05/2020	3958509	20810380.4	
3958579	Dolby International AB	17/08/2020	3958579	20191354.8	
3958597	Huawei Technologies Co. Ltd.	03/07/2020	3958597	20834133.9	
3958805	Johnson & Johnson Surgical Vision, Inc.	16/04/2020	3958805	20795904.0	
3958906	Braun, Janice E.A.	24/04/2020	3958906	20795863.8	
3959016	Mühlenchemie GmbH & Co. KG	22/04/2020	3959016	20721497.4	German
	Elea Service GmbH				
3959475	Chart Energy & Chemicals, Inc.	14/04/2020	3959475	20723728.0	
3959555	CommScope Technologies LLC	22/04/2020	3959555	20795139.3	
3960097	Shanghai Microport Cardioadvent Co., Ltd.	21/04/2020	3960097	20795434.8	
3960369	Enpulse Co., Ltd.	23/08/2021	3960369	21192605.0	
3960982	Saudi Arabian Oil Company	19/08/2021	3960982	21192118.4	
3963112	Ecco Sko A/S	29/04/2020	3963112	20723283.6	
3963503	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)	29/04/2019	3963503	19729353.3	
3963863	Telefonaktiebolaget LM Ericsson (PUBL)	30/04/2019	3963863	19724952.7	
3963942	Telefonaktiebolaget LM Ericsson (publ)	29/04/2019	3963942	19927101.6	
3964045	Yamabiko Corporation	18/05/2020	3964045	20833357.5	
3965151	GE Aviation Systems LLC	20/08/2021	3965151	21192478.2	
3965372	Telefonaktiebolaget LM Ericsson (publ)	15/05/2018	3965372	21190526.0	
3965378	Rockwell Automation Technologies, Inc.	13/08/2021	3965378	21191293.6	
3965381	Huawei Technologies Co., Ltd.	07/06/2020	3965381	20819174.2	
3965397	Huawei Technologies Co., Ltd.	01/04/2020	3965397	20821725.7	
3965900	3M Innovative Properties Company	04/05/2020	3965900	20804820.7	
3966710	Microsoft Technology Licensing, LLC	13/04/2020	3966710	20724269.4	
3967002	Minimax Viking Patent Management GmbH	30/04/2020	3967002	20723360.2	German
3967556	Hyundai Mobis Co., Ltd.	10/09/2021	3967556	21196051.3	
3967866	TPR Co., Ltd.	17/12/2020	3967866	20933234.5	
3967981	Virtual Global Trading AG	16/08/2021	3967981	21191431.2	German

3968659	Meta Platforms Technologies, LLC	27/04/2021	3968659	21170599.1	
3968733	Juniper Networks, Inc.	12/08/2021	3968733	21191075.7	
3969907	F. Hoffmann-La Roche AG	11/05/2020	3969907	20726324.5	
3970023	Texas Instruments Incorporated	18/05/2020	3970023	20805580.6	
3971680	Apple Inc.	15/09/2021	3971680	21196766.6	
3971689	Samsung Electronics Co., Ltd.	12/07/2021	3971689	21185118.3	
3972497	BOSTON SCIENTIFIC LIMITED	18/05/2020	3972497	20727854.0	
3972668	NxStage Medical, Inc.	21/05/2020	3972668	20808803.9	
3974106	Monzese S.p.A. Società Benefit Consiglio Nazionale delle Ricerche	24/09/2021	3974106	21198968.6	
3975039	Accenture Global Solutions Limited	28/10/2020	3975039	20204344.4	
3975055	Robert Bosch GmbH	29/09/2020	3975055	20199055.3	
3975097	NCR Voyix Corporation	24/03/2021	3975097	21164487.7	
3975337	VIVO MOBILE COMMUNICATION CO., LTD.	13/05/2020	3975337	20808657.9	
3975469	Huawei Technologies Co., Ltd.	10/04/2018	3975469	21190454.5	
3975503	Huawei Technologies Co., Ltd.	19/06/2020	3975503	20826644.5	
3975697	Bejo Zaden B.V.	29/05/2019	3975697	19728378.1	
3975712	Amazonen-Werke H. Dreyer SE & Co. KG	19/05/2020	3975712	20727240.2	German
3975875	Intuitive Surgical Operations, Inc.	18/05/2020	3975875	20815112.6	
3975914	Stryker Corporation	29/05/2020	3975914	20818386.3	
3976127	LifeCell Corporation	29/05/2020	3976127	20746380.3	
3977687	ZTE Corporation	30/05/2019	3977687	19931060.8	
3977954	BIOSENSE WEBSTER (ISRAEL) LTD.	21/09/2021	3977954	21197898.6	
3977964	Fellowship of Orthopaedic Researchers, Inc.	27/09/2021	3977964	21199090.8	
3978019	Kortuc Japan LLC Taisei Kako Co., Ltd.	29/05/2020	3978019	20814397.4	
3978192	Panasonic Holdings Corporation	28/09/2021	3978192	21199442.1	
3979224	NISSAN MOTOR Co., Ltd. Renault s.a.s	28/05/2019	3979224	19930182.1	
3979978	UNILEVER GLOBAL IP LIMITED	26/05/2020	3979978	20729972.8	
3980680	Robert Bosch GmbH	22/05/2020	3980680	20728454.8	German
3980897	Microsoft Technology Licensing, LLC	29/04/2020	3980897	20728278.1	
3980965	Huawei Technologies Co., Ltd.	25/06/2019	3980965	19756261.4	
3982035	Hasco Vision Technology Co., Ltd.	08/01/2020	3982035	20819385.4	
3982175	Ruiguang Telecommunication Technologies Co., Ltd. Fiberhome Telecommunication Technologies Co., Ltd	19/07/2019	3982175	19931680.3	
3983325	Vandewiele NV	03/06/2020	3983325	20730493.2	
3983914	Microsoft Technology Licensing, LLC	18/05/2020	3983914	20730531.9	
3984716	NISSEI ASB MACHINE CO., LTD.	12/06/2020	3984716	20823235.5	
3985926	Samsung Electronics Co., Ltd.	06/07/2020	3985926	20839770.3	
3986144	Novozymes A/S	19/06/2020	3986144	20733617.3	
3986494	Solventum Intellectual Properties Company	09/06/2020	3986494	20750813.6	
3987060	Illumina, Inc.	16/06/2020	3987060	20825560.4	
3987480	Siemens Industry Software Inc.	25/07/2019	3987480	19758533.4	
3987886	VINCORION Advanced Systems GmbH	17/06/2020	3987886	20733422.8	German
3987979	Golden Technologies, Inc.	06/02/2018	3987979	21213196.5	
3988147	Unomedical A/S	06/02/2009	3988147	21213225.2	
3989535	CANON KABUSHIKI KAISHA	13/10/2021	3989535	21202335.2	
3990084	Coloplast A/S	25/06/2020	3990084	20735479.6	
3991379	Microsoft Technology Licensing, LLC	04/05/2020	3991379	20729302.8	
3991460	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	28/06/2019	3991460	19736640.4	
3992294	Inner Mongolia Eppen Biotech Co., Ltd.	27/08/2020	3992294	20857632.2	
3992415	Leafy Windoware Co., Ltd.	25/06/2019	3992415	19934476.3	
3992717	Kao Corporation	30/04/2020	3992717	20830764.5	
3992952	Stroly Inc.	22/06/2020	3992952	20831278.5	
3993156	KMW Inc.	16/06/2020	3993156	20831201.7	

3993485	Tencent Technology (Shenzhen) Company Limited	11/11/2020	3993485	20911335.6	
3995553	Sika Technology AG	02/07/2020	3995553	20836990.0	
3996345	Siemens Aktiengesellschaft	06/08/2019	3996345	19940461.7	
3996379	Beijing Xiaomi Mobile Software Co., Ltd.	31/05/2021	3996379	21176817.1	
3996876	TPI Composites, Inc.	10/07/2020	3996876	20840827.8	
3997986	Eti Gida Sanayi Ve Ticaret Anonim Sirketi	30/12/2020	3997986	20020666.2	
3998030	Medtronic Ireland Manufacturing Unlimited Company	05/08/2011	3998030	21213349.0	
3998711	ZTE Corporation	29/05/2020	3998711	20837596.4	
3998890	D. Swarovski KG	17/07/2020	3998890	20753880.2	
3999708	Krisko, Annette Johncock VKR Holding A/S	15/07/2019	3999708	19746341.7	
3999957	International Business Machines Corporation	30/06/2020	3999957	20735563.7	
4000140	HARTING Electric Stiftung & Co. KG	10/07/2020	4000140	20754153.3	German
4000628	Azurity Pharmaceuticals, Inc.	13/03/2015	4000628	21206424.0	
4001231	Chongqing Aureavia Hi-tech Glass Co., Ltd	29/10/2021	4001231	21205528.9	
4001241	SUMITOMO ELECTRIC INDUSTRIES, LTD. Sumitomo Electric Hardmetal Corp.	17/07/2020	4001241	20839852.9	
4001242	SUMITOMO ELECTRIC INDUSTRIES, LTD. Sumitomo Electric Hardmetal Corp.	17/07/2020	4001242	20841546.3	
4001264	Korea Atomic Energy Research Institute	17/11/2021	4001264	21208801.7	
4001839	Leica Geosystems AG	17/11/2020	4001839	20208168.3	
4002068	INTEL Corporation	17/04/2018	4002068	22150728.8	
4002128	Kioxia Corporation	21/10/2020	4002128	20886245.8	
4002811	Huawei Technologies Co., Ltd.	15/11/2021	4002811	21208326.5	German
4003645	Hilti Aktiengesellschaft	14/07/2020	4003645	20740608.3	
4003723	Hexcel Corporation	13/07/2020	4003723	20760978.5	
4004056	Scancell Limited	31/07/2020	4004056	20756785.0	
4004728	Microsoft Technology Licensing, LLC	10/06/2020	4004728	20750543.9	
4005700	Sanyo Special Steel Co., Ltd.	17/07/2020	4005700	20844515.5	
4006224	Hisense Refrigerator Co., Ltd.	20/05/2020	4006224	20843316.9	
4006324	Mitsubishi Heavy Industries, Ltd.	22/07/2020	4006324	20843396.1	
4006485	Prophesee	25/11/2020	4006485	20209903.2	
4007067	Vivo Mobile Communication Co., Ltd.	15/07/2020	4007067	20844538.7	
4007356	Vivo Mobile Communication Co., Ltd.	15/07/2020	4007356	20843611.3	
4007644	ETG Holdings Company, Inc. d/b/a XDS Fire	30/07/2020	4007644	20851147.7	
4007752	Amgen Inc.	03/08/2020	4007752	20757196.9	
4007753	Amgen Inc.	03/08/2020	4007753	20757781.8	
4008234	Sony Olympus Medical Solutions Inc.	26/08/2020	4008234	20859127.1	
4008308	Medicrinia, Co., Ltd.	03/08/2020	4008308	20847369.4	
4008995	Leica Geosystems AG	29/05/2020	4008995	21209174.8	
4009549	Tencent Technology (Shenzhen) Company Limited	05/02/2021	4009549	21774527.2	
4009651	Snap Inc.	10/07/2012	4009651	21218404.8	
4009881	Novelrad Ltd.	10/08/2020	4009881	20850776.4	
4009915	Boston Scientific Scimed, Inc.	04/08/2020	4009915	20765179.5	
4010044	Solventum Intellectual Properties Company	03/08/2020	4010044	20754377.8	
4010181	Scitech Centre ACG PAM PHARMA TECHNOLOGIES PVT. LTD.	07/08/2020	4010181	20850074.4	
4010202	Consolidated Metco, Inc.	05/08/2020	4010202	20849366.8	
4010660	Magic Leap, Inc.	07/08/2020	4010660	20849667.9	
4011043	Airship Group, Inc.	04/08/2020	4011043	20850760.8	
4011484	SAIPEM S.p.A.	27/08/2015	4011484	21218029.3	
4011763	PRATT & WHITNEY CANADA CORP.	09/12/2021	4011763	21213542.0	

4012302	HAIER SMART HOME CO., LTD. QINGDAO HAIER REFRIGERATOR CO., LTD HAIER US APPLIANCE SOLUTIONS, INC.	05/08/2020	4012302	20849635.6	
4012715	The Chinese University Of Hong Kong	14/02/2016	4012715	21205562.8	
4013291	Biotronik AG	20/07/2020	4013291	20740332.0	
4013324	Biocompatibles UK Limited	14/08/2020	4013324	20762001.4	
4013480	Reflow Medical, Inc.	13/08/2020	4013480	20764221.6	
4013595	3M Innovative Properties Company	06/08/2020	4013595	20754391.9	
4013619	Bobst Bielefeld GmbH	14/08/2020	4013619	20753948.7	
4013928	Simplisafe, Inc.	12/08/2020	4013928	20760721.9	
4014597	Nokia Technologies Oy	30/07/2020	4014597	20753446.2	
4014705	Walterscheid GmbH	15/12/2020	4014705	20214377.2	German
4016532	Changxin Memory Technologies, Inc.	16/12/2019	4016532	19941640.5	
4016857	Telefonaktiebolaget LM Ericsson (publ)	01/10/2018	4016857	21207016.3	
4016875	Textron Innovations Inc.	13/12/2021	4016875	21213989.3	
4016898	Huawei Technologies Co., Ltd.	30/07/2020	4016898	20853697.9	
4017316	Inter IKEA Systems B.V.	21/08/2020	4017316	20854744.8	
4017393	Cilag GmbH International	14/08/2020	4017393	20761901.6	
4017570	Boston Scientific Scimed Inc.	20/08/2020	4017570	20768145.3	
4017616	Universität Duisburg-Essen Deutsches Zentrum für Luft- und Raumfahrt e.V.	18/08/2020	4017616	20760415.8	German
4017811	West Liberty Foods, L.L.C.	25/09/2020	4017811	20790113.3	
4018615	McAfee, LLC	20/08/2020	4018615	20767663.6	
4019958	JCR Pharmaceuticals Co., Ltd.	21/08/2020	4019958	20857212.3	
4020611	Samsung Display Co., Ltd.	21/12/2021	4020611	21216690.4	
4020670	LG ENERGY SOLUTION, LTD.	23/06/2021	4020670	21853842.9	
4020770	MAHLE International GmbH	21/12/2021	4020770	21216574.0	
4020816	Beijing Xiaomi Mobile Software Co., Ltd.	23/12/2020	4020816	20306672.5	
4020827	INTEL Corporation	23/12/2020	4020827	20216898.5	
4021445	Vdyne, Inc.	06/08/2020	4021445	20856704.0	
4021777	Siemens Mobility GmbH	10/08/2020	4021777	20763994.9	German
4021901	Bristol-Myers Squibb Company	27/08/2020	4021901	20768221.2	
4022199	Eaton Intelligent Power Limited	28/08/2020	4022199	20771433.8	
4022602	Sony Interactive Entertainment Inc.	26/08/2020	4022602	20859317.8	
4022618	Qualcomm Incorporated	26/08/2020	4022618	20768763.3	
4022892	Microsoft Technology Licensing, LLC	11/06/2020	4022892	20750853.2	
4022981	QUALCOMM INCORPORATED	24/08/2020	4022981	20768190.9	
4023872	Kawasaki Jukogyo Kabushiki Kaisha	27/08/2020	4023872	20857223.0	
4023951	Trane International Inc.	16/12/2021	4023951	21215001.5	
4024247	Proofpoint, Inc.	21/04/2021	4024247	21169759.4	
4024340	The Boeing Company	21/12/2021	4024340	21216303.4	
4024826	Comcast Cable Communications, LLC	22/10/2018	4024826	22158164.8	
4026200	Tridonic GmbH & Co. KG	07/10/2020	4026200	20788751.4	German
4027664	Tencent Technology (Shenzhen) Company Limited	09/03/2021	4027664	21793296.1	
4028112	Boston Scientific Neuromodulation Corporation	29/12/2020	4028112	20848754.6	
4028636	GeoQuest Systems B.V.	09/09/2020	4028636	20862878.4	
4028902	Tableau Software, Inc.	07/08/2020	4028902	20764182.0	
4028963	C3.ai, Inc.	10/09/2020	4028963	20862231.6	
4029494	OSE Immunotherapeutics	24/01/2018	4029494	22153774.9	
4030218	Nippon Kayaku Kabushiki Kaisha	26/08/2020	4030218	20864151.4	
4030514	Bloom Energy Corporation	11/01/2022	4030514	22150917.7	
4030743	Hand Held Products, Inc.	07/01/2019	4030743	22160775.7	
4030804	Sony Group Corporation	28/08/2020	4030804	20862434.6	
4032146	Calian GNSS Ltd.	31/08/2020	4032146	20864163.9	
4032195	Telefonaktiebolaget LM Ericsson (publ)	20/12/2019	4032195	19956406.3	
4032203	Telefonaktiebolaget LM Ericsson (publ)	02/07/2020	4032203	20739903.1	
4032489	Biosense Webster (Israel) Ltd	10/01/2022	4032489	22150737.9	

4033274	Viavi Solutions Inc.	24/01/2022	4033274	22153007.4	
4033741	LG Electronics Inc.	25/09/2018	4033741	22154575.9	
4034238	German Cancer Research Center (DKFZ)	23/09/2020	4034238	20786476.0	
	Centro Nacional de Investigaciones Cardiovasculares Carlos III (F.S.P.)				
4034625	Dow Global Technologies LLC	23/09/2020	4034625	20803316.7	
	Rohm and Haas Company				
4035461	Sharp Kabushiki Kaisha	25/09/2020	4035461	20867698.1	
4035714	Fisher & Paykel Healthcare Limited	08/08/2014	4035714	22158059.0	
4035846	The Boeing Company	26/01/2022	4035846	22153505.7	
4037414	Huawei Technologies Co., Ltd.	16/10/2020	4037414	20876700.4	
4037450	Fuji Corporation	26/09/2019	4037450	19946612.9	
4037677	Vanderbilt University	02/10/2020	4037677	20873262.8	
4038810	QUALCOMM INCORPORATED	24/09/2020	4038810	20793491.0	
4041345	AMGEN INC.	07/10/2020	4041345	20800385.5	
4041674	DOVER FUELING SOLUTIONS UK LIMITED	08/10/2020	4041674	20786573.4	French
4042346	Tata Consultancy Services Limited	09/10/2020	4042346	20874666.9	
4042677	Tencent America LLC	15/06/2021	4042677	21876149.2	
4042807	Sharp Kabushiki Kaisha	30/09/2020	4042807	20870720.8	
4043347	Kawasaki Jukogyo Kabushiki Kaisha	06/10/2020	4043347	20873561.3	
4043396	LG ENERGY SOLUTION, LTD.	08/01/2021	4043396	21738590.5	
4043809	Qingdao Hisense Hitachi Air-Conditioning Systems Co., Ltd.	12/11/2019	4043809	19948665.5	
4044314	LG ENERGY SOLUTION, LTD.	23/03/2021	4044314	21775926.5	
4044643	Huawei Technologies Co., Ltd.	27/11/2020	4044643	20893480.2	
4044748	Huawei Technologies Co., Ltd.	29/10/2020	4044748	20881820.3	
4044859	Galvani Bioelectronics Limited	15/10/2020	4044859	20876441.5	
4044944	Fresenius Kabi Deutschland GmbH	09/10/2020	4044944	20789934.5	
4044967	RxSight, Inc.	20/10/2020	4044967	20878831.5	
4045001	Unilever Global IP Limited	08/10/2020	4045001	20785525.5	
4045160	Peltonen Ski Oy	09/10/2020	4045160	20876119.7	
4045427	Illinois Tool Works Inc.	07/10/2020	4045427	20797922.0	
4045658	Agency for Science, Technology and Research	15/10/2020	4045658	20876950.5	
4046850	Power Integrations, Inc.	18/02/2021	4046850	21157852.1	
4047089	Technosuruga Laboratory Co.,Ltd.	20/08/2020	4047089	20864841.0	
4047803	Schaffner EMV AG	16/02/2022	4047803	22156959.3	
4047979	ZTE Corporation	28/09/2020	4047979	20875734.4	
4048827	Forschungszentrum Jülich GmbH	07/10/2020	4048827	20788768.8	German
4049197	HQS Quantum Simulations GmbH	12/04/2021	4049197	21722757.8	German
4049495	QUALCOMM INCORPORATED	20/10/2020	4049495	20807248.8	
4049719	Medtronic Inc.	24/02/2022	4049719	22158607.6	
4049837	Mitsuboshi Belting Ltd.	14/10/2020	4049837	20878245.8	
4050176	Santo, Wilfried	25/02/2022	4050176	22158754.6	German
4050379	Honeywell International Inc.	07/02/2022	4050379	22155481.9	
4050389	Nokia Solutions and Networks Oy	24/02/2022	4050389	22305206.9	
4050924	Volkswagen Aktiengesellschaft	24/02/2021	4050924	21159110.2	
4051199	KCI Manufacturing Unlimited Company	28/10/2020	4051199	20803659.0	
4051347	Tech Group Europe Limited	30/10/2020	4051347	20800622.1	
4051673	Syngenta Crop Protection AG	28/10/2020	4051673	20797111.0	
4051865	GeoQuest Systems B.V.	27/10/2020	4051865	20883020.8	
4052133	Advanced Micro Devices, Inc.	29/10/2020	4052133	20880511.9	
4052148	Microsoft Technology Licensing, LLC	09/10/2020	4052148	20797954.3	
4052480	Roku, Inc.	02/11/2020	4052480	20882242.9	
4053227	MITSUBISHI PENCIL COMPANY, LIMITED	22/10/2020	4053227	20882155.3	
4053627	Shenzhen Guangyi Tech Co., Ltd.	14/12/2020	4053627	20901958.7	
4053695	INTEL Corporation	01/07/2017	4053695	22169888.9	
4054310	Ilmer Maschinenbau GmbH	27/10/2020	4054310	20800065.3	German
4054734	Sony Interactive Entertainment Inc.	06/11/2020	4054734	20817569.5	
4055500	Microsoft Technology Licensing, LLC	19/10/2020	4055500	20807170.4	

4056208	Humanity Life Extension LLC	16/02/2015	4056208	22166859.3	
4056769	Nielsen, Claus Rosager	12/03/2021	4056769	21162284.0	
4056836	MIKUNI CORPORATION	08/03/2022	4056836	22160783.1	
4057482	Siemens Aktiengesellschaft	10/03/2021	4057482	21161840.0	German
4057578	Juniper Networks, Inc.	01/06/2021	4057578	21177119.1	
4057762	Vivo Mobile Communication Co., Ltd.	03/11/2020	4057762	20884626.1	
4057779	Tridonic GmbH & Co. KG	11/03/2021	4057779	21161927.5	
4058197	TMRW Life Sciences, Inc.	13/11/2020	4058197	20887540.1	
4059423	Ainos, Inc.	21/04/2021	4059423	21169743.8	
4060293	Astemo, Ltd.	27/10/2020	4060293	20887016.2	
4060556	Aptiv Technologies AG	19/03/2021	4060556	21163747.5	
4060963	Telefonaktiebolaget LM Ericsson (publ)	04/11/2019	4060963	22159340.3	
4061181	Native Bionics Scandinavia AB	20/11/2020	4061181	20890659.4	
4062066	Nase, Rainer	20/11/2020	4062066	20807447.6	German
4063271	B/E Aerospace, Inc.	23/03/2022	4063271	22163846.3	
4064781	Huawei Technologies Co., Ltd.	10/12/2020	4064781	20904760.4	
4065189	Fresenius Medical Care Holdings, Inc.	25/11/2020	4065189	20893448.9	
4065215	Medtronic, Inc.	11/12/2020	4065215	20838790.2	
4065237	Beiersdorf AG	28/10/2020	4065237	20799682.8	
4065817	MANI, Arben	29/11/2019	4065817	19839661.6	
4065902	Blueair AB	25/11/2020	4065902	20810979.3	
4066111	ORANGE	26/11/2020	4066111	20824311.3	French
4066570	ZTE Corporation	30/09/2020	4066570	20955774.3	
4066735	Huawei Technologies Co., Ltd.	30/10/2020	4066735	20901706.0	
4066909	Wilson Sporting Goods Co.	27/08/2019	4066909	22163066.8	
4067345	Shanghai Institute of Materia Medica, Chinese Academy of Sciences	24/11/2020	4067345	20893986.8	
	Jiangsu Kanion Pharmaceutical Co., Ltd.				
4067446	Brother Kogyo Kabushiki Kaisha	10/03/2022	4067446	22161400.1	
4067940	Infineon Technologies AG	31/03/2021	4067940	21166421.4	
4068040	HUSQVARNA AB	27/02/2022	4068040	22159046.6	
4068372	Samsung Display Co., Ltd.	27/11/2020	4068372	20897886.6	
4068487	Ningde Ampere Technology Ltd.	28/03/2022	4068487	22164781.1	
4068644	Samsung Electronics Co., Ltd.	25/03/2022	4068644	22164414.9	
4068713	Huawei Technologies Co., Ltd.	05/12/2020	4068713	20901364.8	
4068840	ZTE Corporation	26/11/2020	4068840	20892445.6	
4068881	Huawei Technologies Co. Ltd.	31/12/2019	4068881	19958560.5	
4070039	Continental Automotive Technologies GmbH	25/11/2020	4070039	20812322.4	
4070721	Huawei Technologies Co., Ltd.	05/01/2021	4070721	21743973.6	
4071501	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	21/12/2020	4071501	20908258.5	
4071545	Essilor International	07/04/2021	4071545	21305447.1	
4072111	Huawei Technologies Co. Ltd.	08/01/2021	4072111	21738825.5	
4072520	VIIV Healthcare Company	07/12/2020	4072520	20824345.1	
4072635	Christian-Albrechts-Universität zu Kiel	02/12/2020	4072635	20820802.5	German
4072806	Lietuvos Agrariniu Ir Misku Mokslu Centras	02/12/2020	4072806	20824648.8	
4074220	Frio Enterprise	14/04/2022	4074220	22168560.5	French
4074575	NEOL Copper Technologies Limited	03/04/2020	4074575	20903371.1	
4075177	Hengtong Optic-Electric Co., Ltd.	26/11/2021	4075177	21899939.9	
4075838	Telia Company AB	07/04/2022	4075838	22167064.9	
4076976	Wonderland Switzerland AG	14/12/2020	4076976	20833747.7	
4077125	Safran Electronics & Defense	10/12/2020	4077125	20820185.5	French
4077223	Prima Carbo Solutions Oy	11/12/2020	4077223	20903436.2	
4077601	The Lubrizol Corporation	17/12/2020	4077601	20842619.7	
4078650	Metromol SA	19/12/2019	4078650	19835814.5	
4078928	Swiss Cyber Gate AG	15/12/2020	4078928	20821290.2	
4079267	Ziemer Ophthalmic Systems AG	14/04/2022	4079267	22168534.0	
4079806	LG Chem, Ltd.	12/10/2021	4079806	21880473.0	
4080506	JVCKenwood Corporation	10/12/2020	4080506	20903920.5	

4080613	POSCO Holdings Inc. RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY Posco Future M Co., Ltd.	18/12/2020	4080613	20902839.8	
4080936	IPLA Holdings Inc.	23/03/2018	4080936	22175076.3	
4081069	Elfa International AB	21/12/2020	4081069	20904471.8	
4081278	Fresenius Medical Care Holdings, Inc.	14/12/2020	4081278	20838828.0	
4081359	Rutgers, The State University of New Jersey	24/12/2020	4081359	20905532.6	
4082336	Yanmar Holdings Co., Ltd.	01/04/2022	4082336	22166313.1	
4082860	Garrett Transportation I Inc.	11/03/2022	4082860	22161641.0	
4082871	JTEKT CORPORATION	04/04/2022	4082871	22166457.6	
4083218	Imec VZW	12/04/2022	4083218	22167881.6	
4083471	KAWASAKI JUKOGYO KABUSHIKI KAISHA	18/12/2020	4083471	20906580.4	
4083791	Huawei Technologies Co., Ltd.	21/01/2021	4083791	21744688.9	
4083843	Everspin Technologies, Inc.	25/04/2022	4083843	22169783.2	
4084999	VOLKSWAGEN AKTIENGESELLSCHAFT	07/01/2021	4084999	21700671.7	German
4085631	Beijing Dajia Internet Information Technology Co., Ltd.	29/12/2020	4085631	20908551.3	
4085645	Nokia Technologies Oy	17/12/2020	4085645	20909367.3	
4086053	SCM Group S.p.A.	29/04/2022	4086053	22170790.4	
4086136	CRRC Yangtze Co., Ltd.	28/07/2020	4086136	20909890.4	
4086375	Jiangsu Hengli Chemical Fibre Co., Ltd.	12/06/2020	4086375	20909279.0	
4086557	Zhejiang Sanhua Automotive Components Co., Ltd.	28/12/2020	4086557	20911231.7	
4086591	Silixa Ltd. Chevron U.S.A. Inc.	05/08/2016	4086591	22180716.7	
4086652	Daegu Gyeongbuk Institute Of Science and Technology	30/12/2020	4086652	20910333.2	
4086816	Huawei Technologies Co., Ltd. Tsinghua University	05/02/2021	4086816	21750118.8	
4087515	Intuitive Surgical Operations, Inc.	05/01/2021	4087515	21702344.9	
4088142	Terapet SA	09/01/2021	4088142	21700397.9	
4088290	Westinghouse Electric Company Llc	08/01/2021	4088290	21721657.1	
4089929	Huawei Technologies Co., Ltd.	26/02/2021	4089929	21761914.7	
4091962	K. Hartwall Oy AB	19/05/2022	4091962	22174205.9	
4092408	Fuji Corporation	17/01/2020	4092408	20913738.9	
4093131	Samsung Electronics Co., Ltd.	09/02/2021	4093131	21753238.1	
4093355	Spiral Therapeutics Inc.	22/01/2021	4093355	21744962.8	
4094480	QUALCOMM INCORPORATED	12/01/2021	4094480	21704070.8	
4094669	Endo Robotics Co., Ltd.	27/05/2022	4094669	22175729.7	
4095949	Samsung SDI Co., Ltd.	31/03/2022	4095949	22165926.1	
4096321	Huawei Technologies Co., Ltd.	14/02/2020	4096321	20919235.0	
4096376	Aptiv Technologies AG	24/05/2021	4096376	21175508.7	
4096780	Elekta Limited	29/01/2021	4096780	21704188.8	
4096798	Snap Inc.	29/01/2021	4096798	21707852.6	
4098012	Sharp Kabushiki Kaisha	03/03/2021	4098012	21764748.6	
4098335	Sony Interactive Entertainment America LLC	22/08/2018	4098335	22184701.5	
4098462	Sumitomo Rubber Industries, Ltd.	02/02/2021	4098462	21750921.5	
4098564	The Boeing Company	02/06/2022	4098564	22176925.0	
4098981	Krohne AG	31/05/2022	4098981	22176529.0	German
4099182	Volkswagen Aktiengesellschaft	10/05/2022	4099182	22172460.2	German
4099731	Tencent Technology (Shenzhen) Company Limited	15/06/2021	4099731	21843089.0	
4100695	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	08/02/2021	4100695	21704257.1	German
4101612	Black & Decker, Inc.	08/06/2022	4101612	22177755.0	
4104327	QUALCOMM INCORPORATED	03/02/2021	4104327	21708508.3	

4104406	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	21/01/2021	4104406	21700609.7	
4104908	AVL List GmbH	15/06/2022	4104908	22179077.7	German
4105632	Nanosoft, LLC	13/06/2022	4105632	22178759.1	
4105763	Intel Corporation	04/03/2022	4105763	22160259.2	
4105779	Red Hat, Inc.	28/06/2021	4105779	21182066.7	
4105783	Agora Lab, Inc.	30/07/2021	4105783	21188960.5	
4106363	VOLKSWAGEN AG	16/06/2021	4106363	21179912.7	
4106585	Shaw Industries Group, Inc.	19/02/2021	4106585	21757612.3	
4106831	Medela AG	19/02/2021	4106831	21708388.0	
4107571	META PLATFORMS TECHNOLOGIES, LLC	22/01/2021	4107571	21705386.7	
4109059	SubCom, LLC	07/06/2022	4109059	22177690.9	
4109485	Schneider Electric USA, Inc.	20/06/2022	4109485	22179791.3	
4110704	Unifarco S.p.A.	26/02/2021	4110704	21713742.1	
4111416	BASF Coatings GmbH	26/02/2021	4111416	21707280.0	
4112422	Toyota Jidosha Kabushiki Kaisha JTEKT Corporation	20/05/2022	4112422	22174644.9	
4112726	CJ CheilJedang Corporation	18/03/2022	4112726	22727739.9	
4113133	Huawei Digital Power Technologies Co., Ltd.	06/05/2021	4113133	21813357.7	
4113203	LG ELECTRONICS INC.	29/06/2022	4113203	22181893.3	
4113265	Beijing Kunshi Intellectual Property Management Co., Ltd.	31/12/2014	4113265	22167799.0	
4114632	Suez International	02/03/2021	4114632	21714642.2	French
4115022	Volvo Construction Equipment AB	04/03/2020	4115022	20712406.6	
4115036	Cisa S.p.a.	05/03/2020	4115036	20730336.3	
4115245	Tridonic GmbH & Co KG	11/03/2021	4115245	21710307.6	
4115353	Microsoft Technology Licensing, LLC	20/01/2021	4115353	21705755.3	
4115354	Microsoft Technology Licensing, LLC	20/01/2021	4115354	21708408.6	
4115732	Zhang, Wei	29/03/2022	4115732	22165227.4	
4116191	General Electric Company GE AVIO S.r.l.	01/07/2022	4116191	22182688.6	
4116379	Matsui Shikiso Chemical Co., Ltd.	03/03/2020	4116379	20923455.8	
4116533	GEZE GmbH	01/07/2022	4116533	22182598.7	
4116567	Rohr, Inc.	08/07/2022	4116567	22183921.0	German
4117408	Fuji Corporation	06/03/2020	4117408	20923410.3	
4117926	Cryovac, LLC	11/03/2021	4117926	21715438.4	
4117946	Karma Automotive, Inc.	09/03/2021	4117946	21767784.8	
4118453	Evident Canada, Inc.	30/03/2021	4118453	21782370.7	
4118613	Ricoh Company, Ltd.	01/02/2021	4118613	21703330.7	
4118983	Changzhou Patent Electronic Technology Co., Ltd	09/03/2021	4118983	21767585.9	
4119047	ResMed Pty Ltd	01/05/2020	4119047	22181561.6	
4119206	Sony Interactive Entertainment Inc.	25/09/2017	4119206	22186462.2	
4119976	Huawei Technologies Co., Ltd.	05/03/2021	4119976	21780128.1	
4120058	Huawei Technologies Co., Ltd.	30/04/2021	4120058	21800042.0	
4120778	HUAWEI TECHNOLOGIES CO., LTD.	31/03/2020	4120778	20928109.6	
4121015	Ricoh Company, Ltd.	11/03/2021	4121015	21714702.4	
4121616	I4F LICENSING NV	19/03/2021	4121616	21712836.2	
4121809	Refeyn Ltd	15/03/2021	4121809	21713104.4	
4122349	adidas AG	30/01/2018	4122349	22196505.6	
4122369	LG Electronics Inc.	07/12/2020	4122369	20925239.4	
4122575	Pall Corporation	20/07/2022	4122575	22185993.7	
4123083	LG Electronics Inc.	19/03/2021	4123083	21770476.6	
4123849	Civan Advanced Technologies Ltd.	13/05/2019	4123849	22189911.5	
4123941	LG ELECTRONICS INC.	18/03/2020	4123941	20925710.4	
4124125	Sun Patent Trust	20/10/2010	4124125	22195021.5	
4124583	I.G.B. S.r.l.	07/06/2022	4124583	22177459.9	
4125814	Iocure, Inc.	23/03/2021	4125814	21719765.6	
4125924	University Health Network	31/03/2021	4125924	21778847.0	
4126192	Berlin Heals GmbH	29/03/2021	4126192	21714220.7	

4126299	Bauer Kompressoren GmbH	19/03/2021	4126299	21714128.2	German
4126390	Stamford Devices Limited	22/03/2021	4126390	21712859.4	
4126396	Excelitas Nobblelight GmbH	15/03/2021	4126396	21712979.0	German
4126637	DAF Trucks N.V.	25/03/2021	4126637	21714711.5	
4126716	FlexLink AB	26/03/2021	4126716	21779102.9	
4127478	Fluid Metering, Inc.	08/10/2020	4127478	20927614.6	
4127911	Ampere SAS	18/03/2021	4127911	21712507.9	French
4127921	Microsoft Technology Licensing, LLC	28/01/2021	4127921	21706138.1	
4128141	Applied Materials Israel Ltd.	04/11/2020	4128141	20807522.6	
4128148	Politecnico Di Torino	15/03/2021	4128148	21718951.3	
4128943	QUALCOMM INCORPORATED	18/02/2021	4128943	21711681.3	
4129182	Siemens Healthineers AG	04/08/2021	4129182	21189602.2	
4129184	FUJIFILM Corporation	11/03/2021	4129184	21779977.4	
4129376	Löwenstein Medical Technology S.A.	19/07/2022	4129376	22185647.9	German
4130179	Nippon Soda Co., Ltd.	01/04/2021	4130179	21778971.8	
4130393	Hitachi Construction Machinery Co., Ltd.	05/03/2021	4130393	21775640.2	
4130872	Huawei Technologies Co., Ltd.	24/03/2021	4130872	21795522.8	
4131008	SAP SE	11/07/2022	4131008	22184018.4	
4131204	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	29/04/2020	4131204	20933397.0	
4132891	Essilor International	09/04/2021	4132891	21717861.5	
4133714	Fjorden Electra A.S.	12/04/2021	4133714	21718548.7	
4133955	KT&G Corporation	12/11/2021	4133955	21935322.4	
4134334	Beijing Jingdong Qianshi Technology Co., Ltd.	08/05/2021	4134334	21825461.3	
4134649	KONICA MINOLTA, INC.	25/03/2021	4134649	21784332.5	
4134805	Palantir Technologies Inc.	10/08/2022	4134805	22189684.8	
4135058	Seoul National University R & DB Foundation	21/02/2022	4135058	22751633.3	
	Foundation Of Soongsil University-Industry Cooperation				
4135160	ebm-papst Mulfingen GmbH & Co. KG	15/06/2022	4135160	22179167.6	German
4135360	Huawei Technologies Co., Ltd.	04/06/2021	4135360	21817102.3	
4135462	Datang Mobile Communications Equipment Co., Ltd.	26/03/2021	4135462	21785197.1	
4135575	Telligent Metrics LLC	16/04/2021	4135575	21787911.3	
4135970	LM Wind Power A/S	12/04/2021	4135970	21718842.4	
	LM WIND POWER R&D (HOLLAND) B.V.				
	Blade Dynamics Limited				
4137035	FUJIFILM Corporation	17/03/2021	4137035	21787780.2	
4137371	Aptiv Technologies AG	20/06/2022	4137371	22179783.0	
4137550	artience Co., Ltd.	14/04/2021	4137550	21788533.4	
	Toyochem Co., Ltd.				
4137700	Carrier Corporation	12/08/2022	4137700	22190270.3	
4137743	Hasco Vision Technology Co., Ltd.	26/08/2020	4137743	20937604.5	
4137801	Hitachi High-Tech Analytical Science Finland Oy	17/08/2021	4137801	21191647.3	
4137805	Pratt & Whitney Canada Corp.	17/08/2022	4137805	22190863.5	
4138051	Aptiv Technologies AG	18/08/2021	4138051	21191933.7	
4138607	Koya Medical, Inc.	20/07/2021	4138607	21846024.4	
4138649	Shifamed Holdings, LLC	23/04/2021	4138649	21793061.9	
4139056	P. Bekkers Holding B.V.	22/04/2021	4139056	21720278.7	
4139190	ArcelorMittal	20/04/2020	4139190	20721784.5	
4139778	QUALCOMM INCORPORATED	16/04/2021	4139778	21725294.9	
4140181	Samsung Electronics Co., Ltd.	10/06/2021	4140181	21822287.5	
4140360	Changzhou Kaidi Electrical Inc.	05/12/2020	4140360	20883672.6	
4140889	AMI Industries, Inc.	30/08/2022	4140889	22192951.6	
4141467	Juniper Networks, Inc.	22/08/2022	4141467	22191533.3	
4141977	LG Innotek Co., Ltd.	24/02/2021	4141977	21791628.7	
4142169	Sagemcom Energy & Telecom SAS	19/08/2022	4142169	22191154.8	French
4142171	Sagemcom Energy & Telecom SAS	19/08/2022	4142171	22191157.1	French

4142382	LG ELECTRONICS INC.	17/05/2021	4142382	21805328.8	
4143042	RealD Spark, LLC	29/04/2021	4143042	21796016.0	
4143990	INTEL Corporation	24/12/2020	4143990	20933026.5	
4145174	NXP B.V.	02/09/2021	4145174	21194547.2	
4145196	Zhongtian Technology Fiber Potics Co., Ltd Jiangsu Zhongtian Technology Co., Ltd. Jiangdong Science and Technology Co., Ltd Zhongtian Technology Advanced Materials Co., Ltd.	02/11/2020	4145196	20888741.4	
4145862	Nokia Technologies Oy	07/09/2021	4145862	21195205.6	
4146627	United States Government as represented by the Department of Veterans Affairs The Research Foundation for The State University of New York Icahn School of Medicine at Mount Sinai	29/04/2021	4146627	21795351.2	
4147030	ETH Zurich	04/05/2021	4147030	21722894.9	
4147897	Hyundai Mobis Co., Ltd.	23/12/2021	4147897	21217397.5	
4148016	STMicroelectronics S.r.l.	26/08/2022	4148016	22192423.6	
4148018	Institute of Science Tokyo Fukushima Medical University	06/05/2021	4148018	21800964.5	
4148388	Aptiv Technologies AG	10/05/2022	4148388	22172607.8	
4150572	Volume Graphics GmbH	10/05/2021	4150572	21729213.5	German
4150578	Microsoft Technology Licensing, LLC	24/02/2021	4150578	21712654.9	
4150778	Telefonaktiebolaget LM ERICSSON (PUBL)	11/05/2020	4150778	20725502.7	
4152254	Nuctech Company Limited Tsinghua University	25/06/2021	4152254	21803947.7	
4152866	Huawei Technologies Co., Ltd.	08/06/2018	4152866	22184642.1	
4153261	BOSTON SCIENTIFIC LIMITED	13/05/2021	4153261	21727235.0	
4153395	Siegfried Hofmann GmbH	20/05/2021	4153395	21728853.9	German
4153872	Vortex Pipe Systems LLC	07/05/2021	4153872	21808676.7	
4154147	Huawei Technologies Co., Ltd.	29/06/2020	4154147	20736951.3	
4155175	ZEG Zweirad-Einkaufs-Genossenschaft eG	27/09/2022	4155175	22198119.4	
4155539	LM Wind Power A/S	28/09/2021	4155539	21199471.0	
4155739	Huawei Digital Power Technologies Co., Ltd.	29/06/2020	4155739	20943354.9	
4157387	Stryker Corporation	01/06/2021	4157387	21735519.7	
4158389	Raytheon Company	16/12/2020	4158389	20916230.4	
4158711	VARTA Microbattery GmbH	28/04/2021	4158711	21721918.7	German
4158913	Telecom Italia S.p.A.	18/05/2021	4158913	21730477.3	
4158956	QUALCOMM INCORPORATED	27/05/2021	4158956	21734745.9	
4159150	Mahfouz, Mohamed R.	09/12/2014	4159150	22208667.0	
4159356	KAWASAKI JUKOGYO KABUSHIKI KAISHA	27/05/2021	4159356	21812652.2	
4159745	Tokyo Women's Medical University	26/05/2021	4159745	21816810.2	
4159898	KOWA COMPANY, LTD. NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION	01/06/2021	4159898	21817056.1	
4160289	Google LLC	28/11/2018	4160289	22208787.6	
4160298	Matrixed Reality Technology Co., Ltd.	22/07/2021	4160298	21845288.6	
4160596	Huawei Technologies Co., Ltd.	12/04/2021	4160596	21828164.0	
4160653	SCREEN Holdings Co., Ltd.	28/04/2021	4160653	21813408.8	
4160669	Sumitomo Bakelite Co., Ltd.	17/05/2021	4160669	21811808.1	
4161334	Gojo Industries, Inc.	02/06/2021	4161334	21735085.9	
4161467	Otto Bock Mobility Solutions GmbH	02/06/2021	4161467	21731944.1	German
4162179	A.W. Chesterton Company	07/06/2021	4162179	21736446.2	
4162428	Apple Inc.	09/06/2021	4162428	21737866.0	
4162898	Ivoclar Vivadent AG	07/10/2021	4162898	21201443.5	German
4164019	LG Energy Solution, Ltd.	22/04/2022	4164019	22828588.8	
4164713	SHL Medical AG	26/05/2021	4164713	21729466.9	
4164932	Woven by Toyota, U.S., Inc.	23/04/2021	4164932	21821672.9	

4165314	Metalkam Baglanti Elemanlari Sanayi Ticaret Anonim Sirketi	20/01/2021	4165314	21770114.3	
4165316	Woodside Energy Technologies Pty Ltd	15/06/2021	4165316	21824277.4	
4165442	Chevron U.S.A. Inc.	02/06/2021	4165442	21821508.5	
4165833	Dell Products, L.P.	14/06/2021	4165833	21737930.4	
4165904	Darwin Innovation Group Ltd Telefonica UK Ltd	01/06/2021	4165904	21734462.1	
4166269	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	09/07/2021	4166269	21841286.4	
4166839	EUCHNER GmbH + Co. KG	12/10/2021	4166839	21202247.9	German
4167087	Honeywell International s.r.o	28/07/2022	4167087	22187453.0	
4167781	KT&G Corporation	26/07/2021	4167781	21849868.1	
4168110	Boston Scientific Neuromodulation Corporation	31/08/2021	4168110	21790639.5	
4168228	Shoreline Design and Manufacturing LLC	21/06/2021	4168228	21830232.1	
4168321	Ranpak Corp.	22/07/2021	4168321	21765747.7	
4168634	Ørsted Wind Power A/S	09/08/2021	4168634	21755989.7	
4168711	Zumtobel Lighting GmbH	27/04/2021	4168711	21723652.0	German
4168734	Precitec Optronik GmbH	10/06/2021	4168734	21742174.2	German
4169159	Telefonaktiebolaget LM ERICSSON (PUBL)	22/06/2020	4169159	20734181.9	
4169166	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	23/06/2021	4169166	21734161.9	
4169168	QUALCOMM INCORPORATED	17/06/2021	4169168	21743617.9	
4170133	RTX Corporation	25/10/2022	4170133	22203553.7	
4170931	ZTE Corporation	21/06/2021	4170931	21830091.1	
4171558	Prevenial, LLC	25/06/2021	4171558	21830102.6	
4171700	Becton, Dickinson and Company	09/06/2021	4171700	21736856.2	
4172139	GE Healthcare AS	29/06/2021	4172139	21739605.0	
4173451	Turck Holding GmbH	17/06/2021	4173451	21734792.1	German
4173930	Kögel Trailer GmbH	20/10/2022	4173930	22202710.4	German
4173942	Mapsea Corp.	08/06/2021	4173942	21829226.6	
4174006	HONEYWELL INTERNATIONAL INC.	04/10/2022	4174006	22199489.0	
4174748	Tata Consultancy Services Limited	15/07/2022	4174748	22185216.3	
4174882	Aptiv Technologies AG	27/10/2021	4174882	21205051.2	
4174883	Aptiv Technologies AG	24/10/2022	4174883	22203260.9	
4175354	Samsung Electronics Co., Ltd.	27/07/2021	4175354	21852510.3	
4176682	QUALCOMM INCORPORATED	21/05/2021	4176682	21733280.8	
4177132	thyssenkrupp Presta Aktiengesellschaft thyssenkrupp AG	31/10/2022	4177132	22204622.9	German
4177910	komax Holding AG	02/11/2022	4177910	22205071.8	German
4178246	Kyocera Corporation	05/08/2021	4178246	21853606.8	
4178357	BASF Agro B.V.	28/06/2021	4178357	21737062.6	
4179228	Tsubaki Kabelschlepp GmbH	29/06/2021	4179228	21737623.5	German
4179717	Huawei Technologies Co. Ltd.	31/07/2020	4179717	20760645.0	
4179833	QUALCOMM INCORPORATED	01/07/2021	4179833	21749006.9	
4180351	Ahn, Jin Hee	09/07/2021	4180351	21837002.1	
4180893	Zoox, Inc.	02/11/2016	4180893	22216663.9	
4180949	Huawei Technologies Co. Ltd.	22/07/2021	4180949	21849215.5	
4181055	Samsung Electronics Co., Ltd. Seoul National University R & DB Foundation	11/11/2022	4181055	22207036.9	
4181060	4DMedical Limited	24/02/2017	4181060	22206603.7	
4181298	LG Energy Solution, Ltd.	11/01/2022	4181298	22736942.8	
4181548	MediaTek Inc.	09/11/2022	4181548	22206341.4	
4181766	Centre for Eye Research Australia Limited	14/07/2021	4181766	21841266.6	
4181851	Reymond, Marc	15/07/2021	4181851	21749553.0	German
4182328	13.8, Inc.	15/07/2021	4182328	21841253.4	
4182532	Julius Blum GmbH	30/06/2021	4182532	21739909.6	German
4183056	Huawei Technologies Co. Ltd.	30/07/2020	4183056	20757746.1	
4183188	QUALCOMM INCORPORATED	10/06/2021	4183188	21737877.7	
4184451	Five AI Limited	06/06/2019	4184451	22216218.2	

4184964	Huawei Technologies Co. Ltd.	05/06/2021	4184964	21842433.1	German
4185850	core sensing GmbH	15/07/2021	4185850	21749126.5	
4186057	Pozotron Inc.	21/07/2021	4186057	21752837.1	
4186175	QUALCOMM INCORPORATED	22/07/2021	4186175	21755234.8	
4186608	Hadley Industries Overseas Holdings Limited	07/09/2015	4186608	23151206.2	
4187149	Doosan Lentjes GmbH	25/11/2021	4187149	21210512.6	German
4187217	Kuraray Europe GmbH	26/11/2021	4187217	21210696.7	
4187502	Nio Technology (Anhui) Co., Ltd	22/11/2022	4187502	22208766.0	
4187572	Mitsubishi Electric Corporation	20/05/2020	4187572	23151994.3	
4187590	Sumitomo Bakelite Co.Ltd.	02/07/2021	4187590	21846068.1	
4187608	Samsung Electronics Co., Ltd.	29/12/2021	4187608	21925004.0	German
4187898	Hewlett-Packard Development Company, L.P.	12/08/2022	4187898	22190192.9	
4188104	Winkler und Dünnebier Süßwarenmaschinen GmbH	31/01/2022	4188104	22702730.7	
4188636	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	27/07/2021	4188636	21752657.3	
4188682	Maco Pharma	30/07/2021	4188682	21752067.5	
4189197	Kason Industries, Inc.	22/07/2021	4189197	21849695.8	German
4189569	OneTrust LLC	28/07/2021	4189569	21758507.4	
4189678	Diebold Nixdorf Systems GmbH	22/07/2021	4189678	21749562.1	
4189950	System Ceramics S.p.A.	29/07/2021	4189950	21759394.6	
4190564	KONICA MINOLTA, INC.	31/07/2020	4190564	20947515.1	
4190983	Grohe AG	15/11/2022	4190983	22207412.2	French
4191516	CANON KABUSHIKI KAISHA	29/11/2022	4191516	22210106.5	
4191854	Commissariat à l'Energie Atomique et aux Energies Alternatives	02/12/2022	4191854	22211180.9	
4192353	Medtronic Inc.	03/08/2021	4192353	21762210.9	
4192386	Medtronic Navigation, Inc.	02/08/2021	4192386	21773910.1	
4193055	Robert Bosch GmbH	19/07/2021	4193055	21745817.3	German
4193248	Oracle International Corporation	20/05/2021	4193248	21732714.7	
4193468	Analog Devices International Unlimited Company	05/08/2021	4193468	21755752.9	
4194039	Thornhill Scientific Inc.	05/12/2012	4194039	22203360.7	
4194113	Krones AG	06/12/2022	4194113	22211661.8	
4194241	CNH Industrial Italia S.p.A.	13/12/2022	4194241	22213003.1	German
4194295	NISSAN MOTOR CO., LTD.	07/08/2020	4194295	20948172.0	
4194628	Grohe AG	18/11/2022	4194628	22208229.9	
4194663	Chevron U.S.A. Inc.	12/12/2022	4194663	22212927.2	
4194681	Deere & Company	17/10/2022	4194681	22201773.3	
4194745	Valeo Vision	06/12/2022	4194745	22211823.4	French
4195135	Rakuten Group, Inc.	11/10/2021	4195135	21929422.0	
4195283	Imec VZW	08/12/2021	4195283	21213080.1	
4195691	Anker Innovations Technology Co., Ltd.	09/02/2017	4195691	23152671.6	
4196038	Covidien LP	12/08/2021	4196038	21766302.0	
4196041	Orvue Surgical A/S	12/08/2021	4196041	21763293.4	German
4196350	Memjet Technology Limited	19/07/2021	4196350	21746700.0	
4196691	SWG Schraubenwerk Gaisbach GmbH	09/08/2021	4196691	21759273.2	
4196848	Motorola Solutions, Inc.	06/08/2021	4196848	21762902.1	
4197063	Huawei Technologies Co. Ltd.	18/02/2021	4197063	21926086.6	
4197142	QUALCOMM INCORPORATED	13/07/2021	4197142	21751733.3	German
4197157	Capital One Services, LLC	05/08/2021	4197157	21762562.3	
4197207	Nokia Technologies Oy	12/08/2020	4197207	20756828.8	
4197473	BIOSENSE WEBSTER (ISRAEL) LTD.	16/12/2022	4197473	22214174.9	
4197788	CANON KABUSHIKI KAISHA	12/12/2022	4197788	22212738.3	
4199078	Fuji Electric Co., Ltd.	04/03/2022	4199078	22784386.9	German
4199326	Huawei Digital Power Technologies Co., Ltd.	23/12/2020	4199326	20966376.4	
4199682	LG Display Co., Ltd.	31/10/2022	4199682	22204612.0	
4199996	Becton, Dickinson and Company	16/08/2021	4199996	21858912.5	

4200242	CLIMBER O.D.E Ltd	19/09/2021	4200242	21794954.4	
	Eisenman, David				
	Eisenman, Orna				
4200677	Siemens Industry Software Ltd.	18/08/2020	4200677	20761637.6	
4202305	General Electric Company	03/08/2022	4202305	22188613.8	
4202379	Kamstrup A/S	21/12/2021	4202379	21216363.8	
4202423	Unity Semiconductor	23/12/2021	4202423	21315290.3	
	Unity Semiconductor GmbH				
4202477	Suteng Innovation Technology Co., Ltd	28/12/2022	4202477	22216870.0	
4202667	Shenzhen Shokz Co., Ltd.	18/03/2022	4202667	22770633.0	
4202796	Multiverse Computing S.L.	22/12/2021	4202796	21383195.1	
4202862	Aptiv Technologies AG	28/09/2022	4202862	22198268.9	
4203180	INTEL Corporation	12/10/2022	4203180	22201054.8	
4203541	Nokia Technologies Oy	21/12/2021	4203541	21216306.7	
4203692	GEA TDS GmbH	15/10/2021	4203692	21805373.4	German
4203832	Mazor Robotics Ltd.	25/08/2021	4203832	21786597.1	
4203850	MED-EL Elektromedizinische Geräte GmbH	24/03/2022	4203850	22718602.0	German
4203863	Warsaw Orthopedic, Inc.	26/08/2021	4203863	21794665.6	
4203985	Pierre Fabre Dermo-Cosmétique	31/08/2021	4203985	21777576.6	French
4204141	APROTEK	01/10/2021	4204141	21802204.4	French
4204680	LM Wind Power A/S	31/08/2021	4204680	21772749.4	
4204760	Artec Europe S.a.r.l.	13/08/2021	4204760	21772826.0	
4204770	GWF AG	14/10/2021	4204770	21794782.9	German
4205673	Ensurge Medical (Suzhou) Co., Ltd.	22/10/2021	4205673	21888424.5	
4205790	Asahi Intecc Co., Ltd.	10/05/2021	4205790	21860868.5	
4205958	Zhuzhou Times New Material Technology Co., Ltd.	11/10/2021	4205958	21955679.2	
4206385	LG Electronics Inc.	22/12/2022	4206385	22215784.4	
4206401	Nippon Beet Sugar Manufacturing Co.,Ltd.	04/03/2021	4206401	21860819.8	
4206472	Yen Sun Technology Corp.	18/05/2022	4206472	22174068.1	
4206739	Faro Technologies, Inc.	07/12/2022	4206739	22212061.0	
4206873	Ara, Ohanian	23/12/2022	4206873	22216484.0	
4207498	Steward (Foshan) Magnetics Co., Ltd.	29/12/2022	4207498	22217186.0	
4207866	Samsung Electronics Co., Ltd.	08/06/2020	4207866	23157798.2	
4207994	LG Display Co., Ltd.	21/12/2022	4207994	22215494.0	
4207995	LG Display Co., Ltd.	27/12/2022	4207995	22216748.8	
4207997	Iron Grip Holdings Pty Limited	31/08/2021	4207997	21863109.1	
4209006	Huawei Technologies Co. Ltd.	11/11/2020	4209006	20961079.9	
4209153	Daito Giken, Inc.	23/03/2022	4209153	22868410.6	
4209450	VLC Holding B.V.	11/01/2022	4209450	22151034.0	
4211361	Nanjing Valeo Clutch Co., Ltd.	14/10/2021	4211361	21798554.8	
4211400	Breville Pty Limited	07/09/2021	4211400	21865382.2	
4212034	Shenzhen Smoore Technology Limited	10/01/2023	4212034	23151030.6	
4212112	Stryker Corporation	06/08/2015	4212112	23160125.3	
4212753	Goodrich Corporation	13/12/2022	4212753	22213191.4	
4213023	VMware LLC	15/08/2019	4213023	23160577.5	
4213127	Panasonic Intellectual Property Management Co., Ltd.	26/05/2021	4213127	21863901.1	
4214140	Exotec Product France	17/09/2021	4214140	21773124.9	French
4214677	Microsoft Technology Licensing, LLC	03/06/2021	4214677	21735813.4	
4214798	Stellantis Auto SAS	03/08/2021	4214798	21773131.4	French
4215146	Shanghai Microport Medbot (Group) Co., Ltd.	05/07/2021	4215146	21868224.3	
4215316	OMRON Corporation	28/12/2022	4215316	22217038.3	
4215632	Mitsubishi Materials Corporation	11/08/2021	4215632	21953485.6	
4215818	General Electric Company	01/06/2022	4215818	22176597.7	
4215906	Prime Planet Energy & Solutions, Inc.	16/11/2022	4215906	22207843.8	
4215920	HITACHI HIGH-TECH CORPORATION	15/09/2020	4215920	20954043.4	
4216684	Samsung Electronics Co., Ltd.	19/10/2021	4216684	21883198.0	

4217137	Ecole Nationale Supérieure d'Arts et Métiers (ENSAM) SAFRAN Centre National de la Recherche Scientifique Conservatoire National des Arts et Métiers	24/09/2021	4217137	21798072.1	French
4217398	AbbVie Manufacturing Management Unlimited Company	29/04/2022	4217398	22796992.0	
4217794	Johnson & Johnson Vision Care, Inc.	31/08/2021	4217794	21766228.7	
4217852	Stellantis Auto SAS	02/08/2021	4217852	21773128.0	French
4218626	Versono Medical Limited	06/11/2019	4218626	22217414.6	
4219945	Trane International Inc.	11/12/2019	4219945	23174738.7	
4219998	TI Automotive (Fuldabrück) GmbH	26/01/2022	4219998	22153386.2	German
4220412	Samsung Electronics Co., Ltd.	14/12/2022	4220412	22213642.6	
4220739	Shanghai Jinko Green Energy Enterprise Management Co., Ltd. Zhejiang Jinko Solar Co., Ltd.	04/10/2021	4220739	23177864.8	
4221365	Huawei Technologies Co. Ltd.	26/05/2022	4221365	22810625.8	
4221481	Changxin Memory Technologies, Inc.	19/07/2021	4221481	21947748.6	
4221638	Facet Mobility, LLC	01/10/2021	4221638	21806510.0	
4221704	Imago Biosciences Inc.	01/10/2021	4221704	21876583.2	
4222872	Telefonaktiebolaget LM Ericsson (publ)	30/09/2020	4222872	20786261.6	
4224005	Rolls-Royce plc	04/01/2023	4224005	23150233.7	
4224142	Cerema	14/12/2022	4224142	22213365.4	French
4224263	NTN Corporation	27/09/2021	4224263	21875491.9	
4224669	Huawei Digital Power Technologies Co., Ltd.	28/10/2020	4224669	20959031.4	
4226079	Signify Holding B.V.	30/09/2021	4226079	21785895.0	
4226110	ArcelorMittal	05/10/2021	4226110	21783359.9	
4226995	Bosch Thermotechnology Ltd (UK)	11/01/2023	4226995	23151042.1	
4227061	Faurecia Intérieur Industrie	13/02/2023	4227061	23156355.2	French
4227880	Nippon Telegraph And Telephone Corporation	07/10/2020	4227880	20956721.3	
4228381	Huawei Technologies Co. Ltd.	11/10/2021	4228381	21884913.1	
4229806	Telefonaktiebolaget LM Ericsson (publ)	08/10/2021	4229806	21791474.6	
4230237	Otsuka Electronics Co., Ltd.	14/10/2020	4230237	20957656.0	
4230527	RTX Corporation	20/02/2023	4230527	23157620.8	
4230926	Huesker Synthetic GmbH	24/01/2023	4230926	23153130.2	German
4231131	Huawei Technologies Co. Ltd.	18/06/2021	4231131	21893376.0	
4231712	Samsung Electronics Co., Ltd.	18/11/2021	4231712	21895134.1	
4233281	Telefonaktiebolaget LM Ericsson (publ)	22/10/2020	4233281	20800330.1	
4233375	QUALCOMM INCORPORATED	15/10/2021	4233375	21801815.8	
4233476	Telefonaktiebolaget LM Ericsson (publ)	22/06/2021	4233476	21736570.9	
4233524	Van Doremale, Marcus Gerardus Maria Lemmen, Jacobus Alexander Jozef	30/10/2020	4233524	23164209.1	
4233670	Nilfisk A/S	07/05/2019	4233670	23173232.2	
4235279	Huawei Technologies Co. Ltd.	27/11/2020	4235279	20962893.2	
4235389	Huawei Technologies Co. Ltd.	29/11/2021	4235389	21897201.6	
4235569	Optos plc	28/02/2022	4235569	22159148.0	
4235620	TOYOTA JIDOSHA KABUSHIKI KAISHA	12/12/2022	4235620	22212776.3	
4235663	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	10/06/2020	4235663	23171372.8	
4236274	Huawei Technologies Co. Ltd.	27/10/2021	4236274	21885227.5	
4238563	Hisamitsu Pharmaceutical Co., Inc.	21/10/2021	4238563	21886044.3	
4238565	KinoPharma, Inc.	19/02/2021	4238565	21885567.4	
4238826	Ficosa Automotive, S.L.U.	04/03/2022	4238826	22382205.7	
4239363	NXP B.V.	23/02/2023	4239363	23158245.3	
4240627	Epiroc Rock Drills Aktiebolag	01/11/2021	4240627	21805678.6	
4241071	Hamilton Bonaduz AG	29/10/2021	4241071	21801132.8	German
4241641	Murata Machinery, Ltd.	16/08/2021	4241641	21888895.6	
4241938	Braun GmbH	09/03/2023	4241938	23160868.8	

4242081	Samsung Electronics Co., Ltd.	06/12/2018	4242081	23186042.0	
4242324	Becton, Dickinson and Company	14/08/2019	4242324	23166391.5	
4242444	Rohr, Inc.	07/03/2023	4242444	23160595.7	
4242577	OMRON Corporation	10/02/2023	4242577	23155961.8	
4242582	Nippon Telegraph And Telephone Corporation	18/10/2021	4242582	21889019.2	
4242594	The University of Tokyo				
4242594	Baumer Germany GmbH & Co. KG	02/03/2023	4242594	23159770.9	German
4243131	Kolon Industries, Inc.	04/01/2022	4243131	22736796.8	
4243253	Daikin Industries, Ltd.	22/11/2021	4243253	21894770.3	
4243438	Huawei Digital Power Technologies Co., Ltd.	10/03/2023	4243438	23161119.5	
4244403	Levitech B.V.	11/11/2021	4244403	21806426.9	
4244612	DolphiTech AS	11/11/2021	4244612	21810013.9	
4245126	Board of Trustees of Michigan State University	24/10/2017	4245126	22211417.5	
4245340	GE Precision Healthcare LLC	06/03/2023	4245340	23160105.5	
4245958	Hunter Douglas Inc.	13/01/2017	4245958	23184984.5	
4247676	ZF CV Systems Global GmbH	12/11/2021	4247676	21815382.3	German
4247833	Novartis AG	19/11/2021	4247833	21815500.0	
4248720	Koninklijke Philips N.V.	16/11/2021	4248720	21815422.7	
4248777	Fontem Ventures B.V.	28/08/2015	4248777	23191388.0	
4248806	Kunshan Yijia Ju Textile Co., Ltd.	29/11/2021	4248806	21957316.9	
4248871	ASAHI INTECC CO., LTD.	24/09/2021	4248871	21894321.5	
4249191	Beijing Jingdong Qianshi Technology Co., Ltd.	22/04/2022	4249191	22794760.3	
4249935	The United States of America, as Represented By the Secretary, Department of Health and Human Services	21/03/2023	4249935	23163001.3	
	Université Paris XIII Paris-Nord				
	Siemens Healthineers AG				
	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS				
	INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE - INSERM				
	King's College London				
	Université Paris Cité				
4250257	Zenseact AB	22/03/2022	4250257	22163420.7	
4250847	Huawei Technologies Co. Ltd.	14/06/2018	4250847	23169687.3	
4250881	Samsung Electronics Co., Ltd.	08/02/2022	4250881	22775896.8	
4251069	Covidien LP	10/11/2021	4251069	21820392.5	
4251133	Universitat Politècnica De Catalunya	23/11/2021	4251133	21807156.1	
4251372	Rothenberger AG	08/11/2021	4251372	21810528.6	German
4251543	Autostore Technology AS	28/10/2021	4251543	21802280.4	
4251672	Jones, Paul	26/11/2021	4251672	21820306.5	
4251876	Miba Gleitlager Austria GmbH	29/11/2021	4251876	21823730.3	German
4251877	Miba Gleitlager Austria GmbH	29/11/2021	4251877	21823731.1	German
4252092	Mobile Industrial Robots A/S	17/11/2021	4252092	21840452.3	
4252519	CLAAS Selbstfahrende Erntemaschinen GmbH	26/01/2023	4252519	23153465.2	German
4252521	CLAAS Selbstfahrende Erntemaschinen GmbH	26/01/2023	4252521	23153472.8	German
4252880	Universal City Studios LLC	09/01/2019	4252880	23192462.2	
4253069	Seiko Epson Corporation	30/03/2023	4253069	23165320.5	
4253072	Seiko Epson Corporation	30/03/2023	4253072	23165317.1	
4253154	Motherson Innovations Company Limited	30/03/2022	4253154	22165328.0	
4253851	Beijing Xiaomi Mobile Software Co., Ltd.	28/07/2022	4253851	22187589.1	
4253920	Crisi Medical Systems, Inc.	25/08/2016	4253920	23187463.7	
4255037	Huawei Technologies Co. Ltd.	15/12/2021	4255037	21913917.7	
4255642	Aim Robotics ApS	06/12/2021	4255642	21835649.1	
4255675	Blastone Technology Pty Ltd.	02/12/2021	4255675	21899342.6	

4256270	Raytheon Company	26/07/2021	4256270	21856993.7	
4256301	Pathronix Corp.	01/12/2020	4256301	20963823.8	
4256553	Accexible Impacto S.L.	26/11/2021	4256553	21820232.3	
4257932	Testo SE & Co. KGaA	04/04/2023	4257932	23166528.2	German
4258019	NXP B.V.	20/03/2023	4258019	23162977.5	
4258175	Huawei Technologies Co. Ltd.	23/12/2021	4258175	21914156.1	
4258855	Topcon Positioning Systems, Inc.	10/12/2021	4258855	21847907.9	
4258901	DSM IP Assets B.V.	07/12/2021	4258901	21834754.0	
4259481	The Braun Corporation	07/12/2021	4259481	21835096.5	
4259508	thyssenkrupp Presta AG	06/12/2021	4259508	21836013.9	German
	thyssenkrupp AG				
4260070	Stalicia S.A.	10/12/2021	4260070	21835286.2	
4260410	HARTING Electric Stiftung & Co. KG	06/12/2021	4260410	21844183.0	German
4260723	Japan Tobacco Inc.	11/12/2020	4260723	20965140.5	
4260990	Universal City Studios LLC	06/07/2017	4260990	23195486.8	
4260995	TVI Entwicklung und Produktion GmbH	01/03/2023	4260995	23159375.7	German
4261507	U Electronics Co. Ltd.	09/12/2020	4261507	20965197.5	
4262192	Honor Device Co., Ltd.	24/05/2022	4262192	22855026.5	
4262760	KRKA, d.d., Novo mesto	17/12/2021	4262760	21839539.0	
4263928	LG Electronics Inc.	07/12/2021	4263928	21906955.6	
4264000	Rotojar Innovations Limited	16/12/2021	4264000	21840547.0	
4264073	Edwards, S.R.O.	07/12/2021	4264073	21835208.6	
4264203	Endress+Hauser Flowtec AG	26/11/2021	4264203	21823218.9	German
4264335	Essilor International	20/12/2021	4264335	21836209.3	
4265293	NATIONAL UNIVERSITY	09/12/2021	4265293	21906489.6	
	CORPORATION HAMAMATSU				
	UNIVERSITY SCHOOL OF MEDICINE				
4265344	EcoUp Oyj	24/08/2021	4265344	23194799.5	
4265897	Eaton Intelligent Power Limited	14/04/2023	4265897	23167974.7	
4265928	Wedglock Equipment Limited	03/08/2018	4265928	23196625.0	
4266064	ABB Schweiz AG	22/04/2022	4266064	22169559.6	
4266657	Samsung Electronics Co., Ltd.	10/02/2022	4266657	22756614.8	
4267992	Continental Automotive Technologies GmbH	16/11/2021	4267992	21823179.3	German
4269069	TOYOBO CO., LTD.	11/11/2021	4269069	21910021.1	
4269195	Robert Bosch GmbH	07/12/2021	4269195	21835836.4	
4269937	LG Energy Solution, Ltd.	01/11/2022	4269937	22887766.8	
4270177	MEDIATEK INC.	20/04/2023	4270177	23169090.0	
4270209	Druva Inc.	25/10/2018	4270209	23198026.9	
4270394	Kioxia Corporation	16/03/2023	4270394	23162297.8	
4270490	United Nova Technology - Yuezhou (Shaoxing) Corp.	20/03/2023	4270490	23741247.3	
4270675	Phoenix Contact GmbH & Co. KG	24/04/2023	4270675	23169437.3	German
4271044	HONDA MOTOR CO., LTD.	25/02/2021	4271044	21927814.0	
4271091	Huawei Technologies Co. Ltd.	17/07/2018	4271091	23162569.0	
4271527	MMM Innovations bv	30/12/2021	4271527	21844029.5	
4271885	3M Innovative Properties Company	21/12/2021	4271885	21836242.4	
4272053	Snap Inc.	21/12/2021	4272053	21844571.6	
4272355	NEC Corporation	29/12/2020	4272355	20967399.5	
4272414	Epiroc Rock Drills Aktiebolag	08/11/2021	4272414	21807305.4	
4272751	ZP SPV 3 K/S	26/08/2020	4272751	23192007.5	
4273800	F. Hoffmann-La Roche AG	06/05/2022	4273800	22172151.7	
4274014	LG Energy Solution, Ltd.	31/10/2022	4274014	22890312.6	
4274280	MEDIATEK INC.	04/05/2023	4274280	23171652.3	
4275002	Pressure Wave Systems GmbH	22/12/2021	4275002	21844322.4	German
4275647	Sony Group Corporation	16/12/2021	4275647	21923193.3	
4275822	SUMITOMO ELECTRIC INDUSTRIES, LTD.	09/02/2022	4275822	22779565.5	
4276735	GE Precision Healthcare LLC	20/02/2023	4276735	23157654.7	
4276783	Apple Inc.	25/05/2016	4276783	23196239.0	
4277034	Honor Device Co., Ltd.	06/05/2022	4277034	22854976.2	
4277082	ABB SCHWEIZ AG	12/05/2022	4277082	22173037.7	

4277184	JRD Communication (Shenzhen) Ltd	05/01/2021	4277184	21916718.6	
4277371	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	06/04/2021	4277371	21935512.0	
4277628	Active Biotech AB	17/01/2022	4277628	22700096.5	
4277841	Team New Zealand Limited	17/12/2021	4277841	21905975.5	
4278502	Apple Inc.	14/01/2021	4278502	21918346.4	
4278863	Signify Holding B.V.	04/01/2022	4278863	22700554.3	
4279535	Econic Technologies Ltd	26/08/2016	4279535	23198070.7	
4279754	Goodrich Corporation	16/05/2023	4279754	23173706.5	
4280281	VisEra Technologies Company Ltd	26/08/2022	4280281	22192442.6	
4280529	Zama SAS	19/05/2022	4280529	22290035.9	
4281715	Electrolux Home Products, Inc.	20/01/2022	4281715	22703768.6	
4282636	VMI Holland B.V.	27/01/2020	4282636	23202497.6	
4282786	Dürkopp Fördertechnik GmbH	09/05/2023	4282786	23172299.2	German
4283122	DAIKIN INDUSTRIES, LTD.	19/01/2022	4283122	22759167.4	
4283163	SFS Group International AG	24/05/2022	4283163	22175185.2	German
4283198	Candy S.p.A.	27/04/2023	4283198	23170268.9	
4283224	QINGDAO HAIER REFRIGERATOR CO., LTD	07/12/2021	4283224	21920771.9	
	HAIER SMART HOME CO., LTD.				
4283502	CONTROL SYSTEM LABORATORY LTD.	29/11/2022	4283502	22915610.4	
4283708	LG Energy Solution, Ltd.	30/03/2023	4283708	23165323.9	
4283854	NXP USA, Inc.	25/05/2022	4283854	22305771.2	
4284010	Arnold & Richter Cine Technik GmbH & Co. Betriebs KG	06/10/2022	4284010	23202996.7	German
4284177	Cargill, Incorporated	31/01/2022	4284177	22704696.8	
4284279	St. Jude Medical, Cardiology Division, Inc.	24/05/2022	4284279	22730013.4	
4284528	Universal City Studios LLC	26/05/2021	4284528	21734598.2	
4285057	Viessmann Holding International GmbH	26/01/2022	4285057	22708290.6	German
4285789	Emma Sleep GmbH	31/05/2023	4285789	23176556.1	German
4286801	Refco Manufacturing Ltd.	26/05/2023	4286801	23175554.7	
4286877	SUMITOMO ELECTRIC INDUSTRIES, LTD.	26/01/2022	4286877	22745899.9	
4286970	Siemens Aktiengesellschaft	31/05/2022	4286970	22176499.6	
4287137	Chongqing Vocational College of Transportation	09/03/2023	4287137	23161034.6	
	Daojianyouxing (Chongqing) Technology Co. Ltd				
	Chongqing Golden Queen New Energy Automobile Manufacturing Co., Ltd				
4287513	Samsung Electronics Co., Ltd.	24/02/2023	4287513	23158435.0	
4288645	NEW H POWERTRAIN HOLDING, S.L.U.	26/01/2022	4288645	22701980.9	French
4289244	Deere & Company	09/06/2023	4289244	23178368.9	
4290036	B/E Aerospace, Inc.	09/06/2022	4290036	22178257.6	
4290038	DIRAK Dieter Ramsauer Konstruktionselemente GmbH	27/07/2021	4290038	23206452.7	German
4290377	Huawei Technologies Co. Ltd.	24/06/2016	4290377	23188827.2	
4290402	Hand Held Products, Inc.	05/05/2023	4290402	23171830.5	
4290488	Retail Space Solutions LLC	09/06/2023	4290488	23178416.6	
4290786	IniVation AG	08/06/2022	4290786	22177812.9	
4291566	Dow Global Technologies LLC	08/02/2022	4291566	22706179.3	
4291794	FM Energie GmbH & Co. KG	07/02/2022	4291794	22708310.2	German
4291809	EagleBurgmann Germany GmbH & Co. KG	07/12/2021	4291809	21838998.9	German
4291958	Mitsubishi Electric Corporation	14/12/2022	4291958	22847643.8	
4292530	i-Sens, Inc.	07/06/2019	4292530	23202549.4	
4292644	Boston Scientific Neuromodulation Corporation	10/08/2018	4292644	23201841.6	
4292759	GYS	05/06/2023	4292759	23177404.3	French
4293193	National Oilwell Varco, L.P.	29/04/2019	4293193	23206517.7	

4293291	Glen Dimplex Deutschland GmbH	26/05/2023	4293291	23175534.9	German
4293381	Aptiv Technologies AG	15/06/2022	4293381	22179207.0	
4293469	Airbus SAS	15/06/2023	4293469	23179513.9	French
4293662	Samsung Electronics Co., Ltd.	17/06/2022	4293662	22179714.5	
4293935	University of Leeds	26/11/2015	4293935	23194962.9	
4296390	Sumitomo Electric Industries, Ltd.	15/03/2022	4296390	22930135.3	
4296543	ArvinMeritor Technology, LLC	30/06/2022	4296543	22182239.8	
4296699	LG Energy Solution Ltd.	02/11/2022	4296699	22890380.3	
4296957	JVCKENWOOD Corporation	01/03/2022	4296957	22774942.1	
4297309	Huawei Technologies Co. Ltd.	04/03/2022	4297309	22766235.0	
4299167	Hirose Paper MFG Co., Ltd.	28/01/2022	4299167	22759237.5	
	National Institute for Materials Science				
4299438	The Boeing Company	15/06/2023	4299438	23179507.1	
4299710	PHC Corporation	28/03/2022	4299710	22780792.2	
	National Cancer Center				
4299821	Miele & Cie. KG	30/05/2023	4299821	23176159.4	German
4299972	Hylum Industries, Inc.	28/03/2022	4299972	22781538.8	
4299984	Doosan Enerbility Co., Ltd.	29/06/2023	4299984	23182388.1	
4300158	Huawei Technologies Co. Ltd.	11/03/2022	4300158	22783839.8	
4300328	Snappi, Inc.	28/10/2015	4300328	23194544.5	
4300335	Xerox Corporation	27/06/2023	4300335	23181593.7	
4301299	The Procter & Gamble Company	02/03/2022	4301299	22711757.9	
4302230	Philip Morris Products, S.A.	22/02/2022	4302230	22712283.5	
4302951	Liebherr-Mischtechnik GmbH	28/06/2023	4302951	23182022.6	German
4303059	GOOGLE LLC	03/10/2017	4303059	23211714.3	
4303128	Goodrich Lighting Systems GmbH & Co. KG	07/07/2022	4303128	22183686.9	
4303717	THALES	05/07/2023	4303717	23183696.6	French
4303835	Zenseact AB	06/07/2022	4303835	22183357.7	
4304745	Brainaix Swiss AG	03/03/2022	4304745	22709729.2	German
4304953	Pep Technologies	10/03/2022	4304953	22713972.2	French
4305229	INDUSTRIES S.P.A.	08/02/2022	4305229	22703414.7	
4305510	ETH Zurich	03/03/2022	4305510	22712907.9	
4305515	Fidelity Information Services, LLC	02/02/2022	4305515	22710469.2	
4306420	The Boeing Company	14/07/2023	4306420	23185530.5	
4306931	The University of Osaka	12/06/2019	4306931	23195563.4	
	ThinkCyte K.K.				
	University of Tokyo				
4306987	NXP B.V.	15/06/2023	4306987	23179604.6	
4307644	Chongqing Changan Automobile Co., Ltd.	02/03/2023	4307644	23159702.2	
4307692	Huawei Technologies Co., Ltd.	30/03/2022	4307692	22779007.8	
4307954	Ernst, Brigitte	07/03/2022	4307954	22711031.9	German
4308039	Solventum Intellectual Properties Company	02/03/2022	4308039	22770698.3	
4308409	Huawei Technologies Co., Ltd.	29/03/2021	4308409	21716138.9	
	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.				
4308787	Vulcan Completion Products UK Limited	18/03/2022	4308787	22712028.4	
4309241	Lufthansa Technik AG	14/03/2022	4309241	22714178.5	German
4309311	Lenovo (Singapore) Pte. Ltd.	16/03/2021	4309311	21713603.5	
4309373	Dolby International AB	07/03/2022	4309373	22713392.3	
4309492	Sintokogio, Ltd.	11/07/2023	4309492	23184759.1	
4310838	Huawei Technologies Co. Ltd.	25/03/2022	4310838	22778784.3	
4311136	Huawei Technologies Co., Ltd.	04/03/2022	4311136	22790728.4	
4311587	Steelco S.p.A.	27/07/2023	4311587	23188155.8	
4311592	GuangDong Well Technology Co., Ltd	27/02/2023	4311592	23158769.2	
4312659	L'OREAL	15/03/2022	4312659	22712945.9	
4313386	Teknologian Tutkimuskeskus VTT OY	24/03/2022	4313386	22714473.0	
4313686	Motherson Innovations Company Ltd.	23/03/2022	4313686	22718115.3	
4314873	Signify Holding B.V.	29/03/2022	4314873	22718953.7	
4315140	Verimatrix UK Ltd	21/06/2021	4315140	21736277.1	
4315319	Google LLC	22/03/2022	4315319	22715891.2	
4315927	Apple Inc.	31/03/2021	4315927	21933753.2	

4316127	Ademco Inc.	24/02/2022	4316127	22709520.5	German
4316225	Torricon S.r.l.	02/08/2023	4316225	23189191.2	
4316226	Deere & Company	11/07/2023	4316226	23184833.4	
4316367	Casio Computer Co., Ltd.	02/08/2023	4316367	23189228.2	
4317121	BASF SE	20/12/2019	4317121	23210145.1	
4317656	Pratt & Whitney Canada Corp.	04/08/2023	4317656	23189865.1	
4318141	ASCon Systems Holding GmbH	03/08/2023	4318141	23189440.3	
4318227	Intel Corporation	03/07/2023	4318227	23183129.8	
4318254	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	05/08/2022	4318254	22189135.1	
4318264	Huawei Technologies Co., Ltd.	24/04/2022	4318264	22794814.8	
4318279	FUJITSU LIMITED	26/04/2023	4318279	23170031.1	
4318959	Huawei Digital Power Technologies Co., Ltd.	23/04/2021	4318959	21937377.6	
4320479	UNIVERSITEIT TWENTE	15/03/2022	4320479	22711108.5	
4321193	KT & G Corporation	31/05/2023	4321193	23765128.6	
4321394	B/E Aerospace, Inc.	04/08/2023	4321394	23189845.3	
4321992	Intel Corporation	07/02/2020	4321992	23210931.4	
4322506	Google LLC	13/02/2023	4322506	23156266.1	
4322978	Philip Morris Products, S.A.	13/04/2022	4322978	22722768.3	
4323276	Comrod AS	14/03/2022	4323276	22788524.1	
4324682	VOLVO TRUCK CORPORATION	16/08/2022	4324682	22190537.5	
4325472	View, Inc.	30/09/2020	4325472	23218327.7	
4325625	LG Energy Solution, Ltd.	17/03/2023	4325625	23771143.7	
4325707	Huawei Digital Power Technologies Co., Ltd.	30/04/2021	4325707	21938544.0	
4325708	Huawei Digital Power Technologies Co., Ltd.	30/04/2021	4325708	21938546.5	
4326041	Väderstad Holding AB	22/04/2022	4326041	22728316.5	
4326143	MCAS Design Limited	21/04/2022	4326143	22724079.3	
4326619	Wingcopter GmbH	26/04/2022	4326619	22725802.7	
4327024	Vestel Beyaz Esya Sanayi ve Ticaret Anonim Sirketi	27/12/2021	4327024	21938078.9	
4327871	Biscayne Neurotherapeutics, Inc.	21/05/2018	4327871	23218583.5	
4328426	FERRARI S.p.A.	18/08/2023	4328426	23192126.3	
4328867	Autodesk, Inc.	24/08/2023	4328867	23193288.0	
4329345	Huawei Technologies Co., Ltd.	31/05/2021	4329345	21943375.2	
4329602	Shanghai United Imaging Healthcare Co., Ltd.	13/07/2022	4329602	22851842.9	
4329620	Shanghai United Imaging Healthcare Co., Ltd.	28/12/2022	4329620	22914933.1	
4329622	Shanghai United Imaging Healthcare Co., Ltd.	28/06/2023	4329622	23810275.0	
4330637	OptaSense Holdings Limited	25/04/2022	4330637	22721448.3	
4330910	INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE - INSERM Université Grenoble Alpes Centre National de la Recherche Scientifique Hospices Civils de Lyon Centre Léon Bérard Université Claude Bernard Lyon 1	27/04/2022	4330910	22726051.0	
4330912	Shanghai United Imaging Healthcare Co., Ltd.	30/08/2022	4330912	22863479.6	
4331881	MANN+HUMMEL GmbH	25/03/2020	4331881	23205498.1	German
4331898	AVL List GmbH	29/08/2022	4331898	22192542.3	
4332041	Otis Elevator Company	31/08/2022	4332041	22382814.6	
4332809	NXP B.V.	31/08/2022	4332809	22306293.6	
4333048	OVH	29/08/2022	4333048	22306277.9	
4333212	Samsung Electronics Co., Ltd.	21/07/2022	4333212	22856051.2	
4333493	Sony Group Corporation	28/01/2020	4333493	23207039.1	

4333999	O'Brien, Conor	03/05/2022	4333999	22727111.1	
4334525	Asia Pacific Resources International Holdings Ltd.	03/05/2022	4334525	22722911.9	
4335367	Medtronic MiniMed, Inc.	23/08/2023	4335367	23192905.0	
4335476	Fisher & Paykel Healthcare Limited	01/05/2018	4335476	23210982.7	
4337108	A&E Advanced Closure Systems, LLC	06/05/2022	4337108	22726230.0	
4338495	Fitbit LLC	18/07/2022	4338495	22761656.2	
4338951	NIKE Innovate C.V.	20/10/2021	4338951	24154071.5	
4339501	Exa Energy Technology (Shenzhen) Co. Ltd.	08/12/2021	4339501	21941706.0	
4340754	Cilag GmbH International	02/05/2023	4340754	23726614.3	
4340774	Desvac	09/05/2022	4340774	22727371.1	French
4342295	ZooPal UG (haftungsbeschränkt)	25/09/2023	4342295	23020446.3	German
4343187	Purmo Group Sweden AB	08/04/2019	4343187	24156474.9	
4345200	Albany Engineered Composites, Inc.	09/10/2018	4345200	24158363.2	
4346193	Samsung Electronics Co., Ltd.	10/07/2023	4346193	23750523.5	
4347390	SAFRAN AIRCRAFT ENGINES	23/05/2022	4347390	22731747.6	French
4348061	SAFRAN AIRCRAFT ENGINES	20/05/2022	4348061	22732288.0	French
4349046	Signify Holding B.V.	25/05/2022	4349046	22733309.3	
4349251	BIC Violex Single Member S.A.	07/10/2022	4349251	22200184.4	
4350456	DEKA Products Limited Partnership	13/04/2017	4350456	23209652.9	
4350473	Samsung Electronics Co., Ltd.	11/10/2022	4350473	22911544.9	
4350526	Samsung Electronics Co., Ltd.	28/06/2023	4350526	23181976.4	
4351889	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	10/06/2021	4351889	21736908.1	
4351932	Stellantis Auto SAS	04/05/2022	4351932	22725521.3	French
4351999	IG Design Group B.V.	09/06/2022	4351999	22731828.4	
4352425	Energy Recovery, Inc.	08/06/2022	4352425	22820981.3	
4352427	Energy Recovery, Inc.	08/06/2022	4352427	22820980.5	
4353113	ASICS Corporation	09/10/2023	4353113	23202453.9	
4353440	Teijin Limited	06/05/2022	4353440	22819973.3	
4354591	Contemporary Ampere Technology (Hong Kong) Limited	27/12/2022	4354591	22918455.1	
4356028	Alfa Laval Corporate AB	09/06/2022	4356028	22732242.7	
4356567	Microsoft Technology Licensing, LLC	12/05/2022	4356567	22733491.9	
4357809	SICK AG	13/10/2023	4357809	23203375.3	German
4357922	Huawei Technologies Co., Ltd.	14/01/2017	4357922	23220730.8	
4358057	Industry-Academic Cooperation Foundation Dankook University	20/10/2023	4358057	23204793.6	
4358437	NEC Corporation	09/10/2023	4358437	23202342.4	
4359458	Sika Technology AG	22/06/2022	4359458	22736233.2	German
4360194	Innomotics GmbH	01/08/2022	4360194	22760898.1	German
4360198	Innomotics GmbH	01/08/2022	4360198	22768254.9	German
4360504	Motherson Innovations Company Ltd.	27/10/2022	4360504	22204258.2	
4361084	Herkules Hebeteknik GmbH	24/10/2022	4361084	22203304.5	
4361330	Goodrich Corporation	17/10/2023	4361330	23204191.3	
4361390	ZHEJIANG ZEEKR INTELLIGENT TECHNOLOGY CO., LTD.	29/07/2022	4361390	22885245.5	
	Zhejiang Geely Holding Group Co., Ltd				
4361491	Pilz GmbH & Co. KG	06/10/2023	4361491	23202019.8	German
4362277	Huawei Digital Power Technologies Co., Ltd.	27/10/2020	4362277	23218426.7	
4363941	Sony Group Corporation	10/08/2022	4363941	22761619.0	
4364355	Telit Cinterion Deutschland GmbH	17/06/2022	4364355	22737768.6	
4364949	ASMP T SMT Singapore Pte. Ltd.	09/10/2023	4364949	23202540.3	
4365590	Juntendo Educational Foundation	19/03/2020	4365590	24163286.8	
4365708	Samsung Electronics Co., Ltd.	17/05/2022	4365708	22855971.2	
4365831	Sinopec Research Institute of Safety Engineering Co., Ltd.	16/05/2022	4365831	22831473.8	
	China Petroleum & Chemical Corporation				
4366177	Huawei Digital Power Technologies Co., Ltd.	10/03/2021	4366177	23218925.8	

4366557	Philip Morris Products, S.A.	07/07/2022	4366557	22736300.9	
4366994	ZF CV Systems Global GmbH	05/07/2022	4366994	22738674.5	German
4367418	Federal-Mogul Burscheid GmbH	26/04/2022	4367418	22725766.4	German
4367471	Oxford University Innovation Limited	08/07/2022	4367471	22737985.6	
4367827	Ava Labs, Inc.	07/07/2022	4367827	22838375.8	
4368339	X'Pole Precision Tools Inc.	10/11/2022	4368339	22206557.5	
4368936	Grace Engineering Corp.	07/11/2023	4368936	23208326.1	
4368945	Leuze electronic GmbH + Co. KG	11/11/2022	4368945	22206853.8	German
4369701	Instituto de Astrofísica de Canarias	07/07/2021	4369701	21759102.3	
4370840	SERMETA	15/07/2022	4370840	22741789.6	French
4371681	Bollhoff Otalú S.A.S.	17/11/2022	4371681	22306688.7	
4371784	Sumitomo Rubber Industries, Ltd.	06/10/2023	4371784	23202024.8	
4371846	ALSTOM Transportation Germany GmbH	17/11/2022	4371846	22208108.5	
4372147	Sumitomo (S.H.I.) Construction Machinery Co., Ltd.	30/08/2023	4372147	23194129.5	
4372539	Lemon Inc.	07/11/2023	4372539	23208304.8	
4372951	Powermat Technologies Ltd.	23/03/2008	4372951	24154721.5	
4373020	Dolby Laboratories Licensing Corporation	04/01/2018	4373020	24168786.2	
4373088	Sun Patent Trust	28/09/2012	4373088	24168897.7	
4373356	Capuzi, Danilo	15/07/2022	4373356	22751157.3	
4373568	Wayne State University	19/07/2022	4373568	22751957.6	
	Mitovation, Inc.				
	The Regents of The University of Michigan				
4373570	Mevion Medical Systems, Inc.	15/07/2022	4373570	22754731.2	
4374008	DuPont Safety & Construction, Inc.	18/07/2022	4374008	22751985.7	
	Coveme SPA				
4375021	Rolls-Royce plc	26/10/2023	4375021	23206012.9	
4375104	CNH Industrial Italia S.p.A.	17/11/2023	4375104	23210665.8	
4375492	Marelli Europe S.p.A.	22/11/2023	4375492	23211425.6	
4375787	Uponor Innovation AB	24/11/2022	4375787	22209275.1	
4376445	Google LLC	26/06/2019	4376445	24158442.4	
4377202	SAFRAN AIRCRAFT ENGINES	28/07/2022	4377202	22762125.7	French
4378513	ConvaTec Limited	23/04/2021	4378513	24162743.9	
4378692	SII Printek Inc	23/11/2023	4378692	23211707.7	
4378849	Niagara Bottling, LLC	04/12/2012	4378849	24170418.8	
4379271	Niccons Italy SRL	29/11/2023	4379271	23212952.8	
4380193	Samsung Electronics Co., Ltd.	07/11/2022	4380193	22895933.4	
4381026	Idemitsu Kosan Co., Ltd.	29/07/2022	4381026	22758041.2	
4381407	Siemens Aktiengesellschaft	05/08/2022	4381407	22764343.4	German
4382257	Rolls-Royce plc	09/11/2023	4382257	23208838.5	
4382962	NXP B.V.	17/11/2023	4382962	23210527.0	
4383160	VOLVO TRUCK CORPORATION	06/12/2022	4383160	22211636.0	
4383231	KOITO MANUFACTURING CO., LTD.	22/07/2022	4383231	22852866.7	
4383664	Huawei Technologies Co. Ltd.	22/07/2022	4383664	22851931.0	
4384263	Medtronic, Inc.	04/08/2022	4384263	22757673.3	
4384496	Nelson Mandela University	12/08/2022	4384496	22761628.1	
4385310	CNH Industrial Belgium N.V.	15/12/2022	4385310	22213824.0	
4385399	GE Precision Healthcare LLC	29/08/2019	4385399	24173213.0	
4385596	Yardistry US, LLC	12/12/2023	4385596	23216046.5	
4385961	Holcim Technology Ltd	14/12/2022	4385961	22020613.0	
4386209	DAIKIN INDUSTRIES, LTD.	21/04/2022	4386209	22875435.4	
4386598	Korea University Research and Business Foundation	15/07/2022	4386598	22867542.7	
4387191	The Boeing Company	29/11/2023	4387191	23212968.4	
4387336	Huawei Technologies Co., Ltd.	08/06/2018	4387336	24154319.8	
4388154	Etteplan Oyj	12/08/2022	4388154	22757309.4	
4388273	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	18/08/2022	4388273	22768309.1	German
4388425	International Business Machines Corporation	15/08/2022	4388425	22765772.3	
4388654	International Business Machines Corporation	19/08/2022	4388654	22768343.0	

4389163	Fundación Universidad Católica de Valencia San Vicente Mártir	20/12/2022	4389163	22383246.0	
4389321	WALTER AG	21/12/2022	4389321	22215315.7	
4389460	Continental Reifen Deutschland GmbH	18/12/2023	4389460	23217575.2	German
4389548	CNH Industrial Italia S.p.A.	18/12/2023	4389548	23217789.9	
4389594	Airbus Operations GmbH	20/12/2022	4389594	22214915.5	
4389684	Jungheinrich Aktiengesellschaft	22/12/2023	4389684	23219963.8	German
4389980	Sumitomo (S.H.I.) Construction Machinery Co., Ltd.	29/08/2023	4389980	23193796.2	
4390062	General Electric Company	12/10/2023	4390062	23203142.7	
4390263	Stiebel Eltron GmbH & Co. KG	27/09/2023	4390263	23200182.6	German
4390332	Guangzhou Haoyang Electronic Co., Ltd.	30/03/2023	4390332	23165419.5	
4390605	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	30/11/2023	4390605	23213447.8	
4391330	Suzhou Fine-Stamping Machinery Technology Co., Ltd	13/02/2023	4391330	23156370.1	
4392131	Medtronic, Inc.	04/08/2022	4392131	22757668.3	
4393083	Microsoft Technology Licensing, LLC	03/08/2022	4393083	22773039.7	
4393406	Tsinghua University Nuctech Company Limited	10/10/2022	4393406	22880277.3	
4395719	Purewick Corporation	26/08/2022	4395719	22777402.3	
4396654	Snap Inc.	04/08/2022	4396654	22777376.9	
4396718	DrData SAS	03/11/2022	4396718	22813676.8	French
4396730	MITSUBISHI ELECTRIC CORPORATION	15/06/2023	4396730	23742465.0	
4396862	Robert Bosch GmbH	29/07/2022	4396862	22758478.6	German
4397161	Deere & Company	10/12/2023	4397161	23215398.1	
4397162	Deere & Company	10/12/2023	4397162	23215399.9	
4397182	Schulte, Reinhold	06/01/2023	4397182	23150541.3	German
4397271	Stryker Australia PTY LTD	03/01/2024	4397271	24150155.0	
4397428	RWE Nuclear GmbH	18/12/2023	4397428	23217432.6	German
4397897	Deere & Company	11/12/2023	4397897	23215561.4	
4398112	KunlunXin Technology (Beijing) Company Limited	25/04/2024	4398112	24172488.9	
4398946	TECRES S.P.A.	24/08/2022	4398946	22776990.8	
4399451	CASALE SA	12/08/2022	4399451	22764770.8	
4399768	Stellantis Auto SAS	16/08/2022	4399768	22765785.5	German
4400034	University Of Southampton	07/03/2017	4400034	24154027.7	
4400047	Konamite Limited	01/11/2018	4400047	24170633.2	
4400489	The Chemours Company FC, LLC	05/02/2021	4400489	24177026.2	
4400640	Hamilton Sundstrand Corporation	12/01/2024	4400640	24151637.6	
4401685	Hollister Incorporated	12/01/2023	4401685	23706215.3	
4402099	CASALE SA	12/08/2022	4402099	22765769.9	
4402589	Microsoft Technology Licensing, LLC	01/08/2022	4402589	22761710.7	
4402746	Telefonaktiebolaget LM Ericsson (publ)	26/04/2022	4402746	22720082.1	
4403125	Avatar Medical	18/01/2023	4403125	23305061.6	
4403405	Huawei Digital Power Technologies Co., Ltd.	19/12/2023	4403405	23218154.5	
4403554	LG Chem, Ltd.	09/05/2023	4403554	23803822.8	
4404063	Kioxia Corporation	27/07/2023	4404063	23188114.5	
4404485	Ofinno, LLC	22/10/2021	4404485	24180256.0	
4407206	CNH Industrial Italia S.p.A.	26/01/2024	4407206	24154276.0	
4407499	BlackBerry Limited	03/01/2024	4407499	24150138.6	
4407946	Google LLC	05/12/2018	4407946	24180981.3	
4408239	Société des Produits Nestlé S.A.	18/11/2022	4408239	22818390.1	
4408290	Koninklijke Philips N.V.	29/09/2022	4408290	22789605.7	
4408619	Picquic Tool Company Inc.	15/09/2022	4408619	22874009.8	
4408716	Stellantis Auto SAS	02/08/2022	4408716	22757986.9	French
4410145	IPAC S.p.A.	01/02/2024	4410145	24155329.6	
4411099	Soprofen	30/01/2024	4411099	24154848.6	French

4411389	Shenzhen Everbest Machinery Industry Co., Ltd.	30/03/2023	4411389	23165560.6	
4411551	Samsung Electronics Co., Ltd.	26/01/2024	4411551	24154142.4	
4412479	JT International S.A.	07/10/2022	4412479	22797087.8	
4414227	Huawei Digital Power Technologies Co., Ltd.	01/02/2024	4414227	24155177.9	
4414678	Atrion Medical Products, Inc.	09/02/2024	4414678	24156951.6	
4414699	Infineon Technologies AG	13/02/2023	4414699	23156358.6	
4415134	Hithium Tech HK Limited	19/12/2023	4415134	23218192.5	
4415212	Greenworks (Jiangsu) Co., Ltd.	05/02/2024	4415212	24155827.9	
4415272	Sony Group Corporation	04/05/2018	4415272	24175768.1	
4415475	Nokia Technologies Oy	30/03/2020	4415475	24178379.4	
4416403	Voith Patent GmbH	29/09/2022	4416403	22801710.9	German
4416423	Signify Holding B.V.	10/10/2022	4416423	22805783.2	
4417022	Rittal GmbH & Co. KG	12/10/2022	4417022	22793662.2	German
4417571	Atlas Copco IAS GmbH	19/07/2021	4417571	24187303.3	German
4417857	Boldan Oy	16/02/2023	4417857	23156975.7	
4418031	Jiaxing UPhoton Optoelectronics Technology Co., Ltd.	08/01/2024	4418031	24150757.3	
4420544	Huizhou Happy Vaping Technology Limited	18/07/2023	4420544	23862053.8	
4420602	I.D.I. Evolution S.r.l.	26/02/2024	4420602	24159754.1	
4420635	Edwards Lifesciences Corporation	13/05/2016	4420635	24187901.4	
4421646	Microsoft Technology Licensing, LLC	18/06/2019	4421646	24188133.3	
4422144	ZTE Corporation	27/07/2022	4422144	22882378.7	
4422229	Nokia Technologies Oy	25/01/2024	4422229	24154029.3	
4422943	Bayerische Motoren Werke Aktiengesellschaft	30/09/2022	4422943	22798101.6	German
4422998	INVENTIO AG	17/10/2022	4422998	22802121.8	German
4423165	hubergroup Deutschland GmbH	17/11/2022	4423165	22818662.3	
4423391	Siemens Gamesa Renewable Energy Innovation & Technology S.L.	29/11/2022	4423391	22823367.2	
4423393	Aircom Automotive Sp. z.o.o. Sp. K.	17/10/2022	4423393	22802137.4	German
4423639	Suzy, Inc.	26/10/2022	4423639	22818938.7	
4424114	TRUMPF Lasersystems for Semiconductor Manufacturing SE	25/10/2021	4424114	21799254.4	German
4424437	El-Shafei, Aly	17/05/2017	4424437	24179813.1	
4425533	STMicroelectronics International N.V.	14/02/2024	4425533	24157646.1	
4425817	Telefonaktiebolaget LM Ericsson (publ)	02/11/2016	4425817	24190229.5	
4425904	FUJIFILM Business Innovation Corp.	25/07/2023	4425904	23187592.3	
4426201	Positrigo AG	25/10/2022	4426201	22813099.3	
4426228	A.R.C. Laser GmbH	21/12/2022	4426228	22843694.5	German
4426528	SAFRAN AIRCRAFT ENGINES SAFRAN	24/10/2022	4426528	22805916.8	French
4426579	Preh GmbH	29/11/2022	4426579	22823403.5	German
4426770	ACTEGA Rhenania GmbH	25/10/2022	4426770	22813422.7	
4427595	Fritsch Bakery Technologies GmbH & Co. KG	26/02/2024	4427595	24159695.6	German
4428900	Commissariat à l'Energie Atomique et aux Energies Alternatives	05/03/2024	4428900	24161328.0	French
4429164	Samsung Electronics Co., Ltd.	06/03/2024	4429164	24161699.4	
4429520	Paul Hettich GmbH & Co. KG	03/11/2022	4429520	22813232.0	German
4429907	Tesla, Inc.	10/11/2022	4429907	22839015.9	
4430237	Singer Sourcing Limited LLC	10/11/2022	4430237	22829994.7	
4430249	Peeters Landbouwmachines B.V.	25/10/2022	4430249	22797520.8	
4430271	Shell Internationale Research Maatschappij B.V.	10/11/2022	4430271	22814413.5	
4430289	Keyou GmbH	11/11/2022	4430289	22817616.0	German
4430419	QUALCOMM INCORPORATED	26/08/2022	4430419	22786151.5	
4430556	Microsoft Technology Licensing, LLC	18/08/2022	4430556	22769438.7	
4431866	Kobelco Research Institute, Inc.	05/10/2022	4431866	22892452.8	
4432542	PowerX Semiconductor Corporation	03/11/2023	4432542	23207808.9	

4432973	Koninklijke Philips N.V.	14/11/2022	4432973	22817919.8	
4433684	Subsea 7 Limited	15/11/2022	4433684	22826374.5	
4434389	Sortimo International GmbH	05/03/2024	4434389	24161456.9	German
4434696	Lu, Congqiang	22/03/2024	4434696	24165418.5	
4434868	Lin, Hsuan-Chih	15/03/2024	4434868	24163931.9	
	Lin, Kai-Wen				
4434931	Linde Material Handling GmbH	07/03/2024	4434931	24162082.2	German
4435241	Suzuki Motor Corporation	29/01/2024	4435241	24154541.7	
4435419	Meareg UG	20/03/2023	4435419	23315054.9	
	Aleph				
4435420	Aleph	20/03/2023	4435420	23315055.6	
	Meareg UG				
4436147	Samsung Electronics Co., Ltd.	02/11/2023	4436147	23805848.1	
4436558	MSLsolutions GmbH	02/02/2023	4436558	23703715.5	German
4436760	FORESA TECHNOLOGIES, S.L.U.	25/11/2022	4436760	22822431.7	
4436792	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	24/11/2022	4436792	22822062.0	French
4437017	Dow Global Technologies LLC	23/11/2021	4437017	21830933.4	
	Rohm and Haas Company				
4437075	BASF SE	10/11/2022	4437075	22817880.2	
4437713	Oracle International Corporation	16/11/2022	4437713	22835191.2	
4438307	Ricoh Company, Ltd.	12/03/2024	4438307	24162900.5	
4438582	CHINA TOBACCO YUNNAN INDUSTRIAL CO., LTD	30/08/2023	4438582	23904806.9	
4439552	Samsung Electronics Co., Ltd	30/03/2015	4439552	24194481.8	
4440384	ASSA ABLOY AB	18/11/2022	4440384	22818717.5	
4441321	Cisa S.p.a.	02/12/2021	4441321	21856938.2	
4444227	Otto Bock Healthcare Products GmbH	01/12/2022	4444227	22829728.9	German
4444453	NANTES UNIVERSITÉ	07/12/2022	4444453	22840792.0	French
4445335	GOOGLE LLC	10/01/2022	4445335	22701495.8	
4445958	Bristol-Myers Squibb Company	18/10/2019	4445958	24182623.9	
4446255	BEUMER Group GmbH & Co. KG	12/04/2023	4446255	23167571.1	German
4446327	LG Chem, Ltd.	07/03/2023	4446327	23835637.2	
4447036	Flaxwood Oy	10/04/2024	4447036	24169431.4	
4447489	USound GmbH	17/11/2022	4447489	24197146.4	German
4448377	Baggermaatschappij Boskalis B.V.	08/11/2022	4448377	22801578.0	
4448434	INVENTIO AG	22/11/2022	4448434	22821491.2	German
4448920	Saudi Arabian Oil Company	16/12/2022	4448920	22851191.1	
4449220	Siemens Aktiengesellschaft	09/03/2023	4449220	23713313.7	German
4449303	Sealsq France	12/12/2022	4449303	22846915.1	French
4449482	Soitec Belgium	16/11/2022	4449482	22817285.4	
	SOITEC				
4449570	Eaton Intelligent Power Limited	12/12/2022	4449570	22829819.6	
4450588	Kaunas University of Technology	21/04/2023	4450588	23169190.8	
4450721	Hansgrohe SE	18/03/2024	4450721	24164172.9	German
4450862	King Cho Machinery Industrial Co., Ltd.	17/10/2023	4450862	23204064.2	
4450934	Intelligent Vision GmbH	20/04/2023	4450934	23169077.7	
4451017	Commissariat à l'Energie Atomique et aux Energies Alternatives	18/04/2024	4451017	24171050.8	French
4452011	Paul Hettich GmbH & Co. KG	20/12/2022	4452011	22839822.8	German
4452672	COLVEN, SA	14/12/2022	4452672	22839635.4	
4452816	INVENTIO AG	07/12/2022	4452816	22830797.1	
4453730	Advanced Micro Devices, Inc.	13/12/2022	4453730	22912298.1	
4453902	Bayer Aktiengesellschaft	15/12/2022	4453902	22835060.9	German
4454221	LATELEC	20/12/2022	4454221	22836259.6	French
4455525	Hella Autotechnik Nova, s.r.o.	28/04/2023	4455525	23170721.7	
4456011	Siemens Healthineers AG	26/04/2023	4456011	23170109.5	
4456396	Diodes Incorporated	18/04/2024	4456396	24171072.2	
	BCD Shanghai Micro-Electronics Company Limited				
4456690	Huawei Technologies Co., Ltd.	12/01/2023	4456690	23745988.8	
4457480	Luniklabs GmbH	21/12/2022	4457480	22843688.7	German

4458730	MacGregor Finland Oy	05/05/2023	4458730	23171799.2	
4459042	APT Asia pacific Pty. Ltd.	04/05/2023	4459042	23171672.1	
4460645	ZF CV Systems Europe BV	06/01/2022	4460645	22700305.0	German
4461154	JT International SA	05/06/2015	4461154	24191139.5	
4461565	Nokian Renkaat Oyj	08/05/2023	4461565	23172081.4	
4461617	LEITNER S.p.A.	06/05/2024	4461617	24174301.2	
4461784	UOP LLC	22/11/2023	4461784	23211561.8	
4461957	Samsung Electronics Co., Ltd	07/03/2023	4461957	23799546.9	
4463009	Saria International GmbH	12/01/2023	4463009	23700763.8	
4463343	Continental Automotive Technologies GmbH	09/01/2023	4463343	23702744.6	German
4463682	BASF Coatings GmbH	09/01/2023	4463682	23700476.7	
4463742	MYCRONIC AB	16/11/2022	4463742	22817288.8	
4465347	Infineon Technologies Austria AG	26/04/2024	4465347	24172623.1	
4466130	Ublo	13/01/2023	4466130	23700835.4	French
4466322	Kiilto Oy	12/01/2023	4466322	23702371.8	
4466335	Unilever Global IP Limited	09/12/2022	4466335	22835338.9	
4466690	MyLaps B.V.	17/01/2023	4466690	23700370.2	
4466970	Parker-Hannifin Corporation	26/02/2024	4466970	24159727.7	
4469642	ROCKWOOL A/S	24/01/2023	4469642	23701531.8	
4469871	Siemens Aktiengesellschaft	11/04/2023	4469871	23719667.0	German
4470719	Loop	30/05/2023	4470719	23176018.2	
4473048	Scudo Technology S.r.l.	02/02/2023	4473048	23707793.8	
4473245	Saint-Gobain Sekurit France	19/01/2023	4473245	23701129.1	German
4474250	NSK Steering & Control, Inc.	12/01/2024	4474250	24735460.8	
4474726	NOMAD SOLAR ENERGY, S.L.	22/05/2024	4474726	24382542.9	
4476035	Safran Nacelles	07/02/2023	4476035	23707139.4	French
4476445	Maximator GmbH	17/05/2023	4476445	23727975.7	German
4476564	Signify Holding B.V.	31/01/2023	4476564	23702151.4	
4477278	NEWTECH WELLNESS CO., LTD.	09/04/2024	4477278	24169108.8	
4478008	Fontem Ventures B.V.	25/07/2017	4478008	24210560.9	
4478055	SAGEMCOM ENERGY & TELECOM SAS	11/06/2024	4478055	24181507.5	French
4478136	mitsubishi electric corporation	10/02/2022	4478136	22925874.4	
4478309	Getlink S.E.	19/07/2021	4478309	24197723.0	French
4479617	Volvo Truck Corporation	17/02/2022	4479617	22707402.8	
4480301	NJO	07/06/2024	4480301	24180790.8	French
4480851	Colleoni S.r.l.	21/06/2024	4480851	24183655.0	
4480858	SHANGHAI ORIGINCELL BIOLOGICAL CRYO EQUIPMENT CO., LTD.	03/04/2023	4480858	23802544.9	
4486654	SAFRAN AEROTECHNICS	20/02/2023	4486654	23708527.9	French
4487290	Gazi Universitesi Aselsan Elektronik Sanayi ve Ticaret Anonim Sirketi	29/03/2023	4487290	23718084.9	
4488540	NABTESCO CORPORATION	03/07/2024	4488540	24186241.6	
4488585	Rational Aktiengesellschaft	28/06/2024	4488585	24185398.5	German
4489884	Nanoform Finland Oyj	18/01/2024	4489884	24702183.5	
4489972	Koninklijke Philips N.V.	27/02/2023	4489972	23708450.4	
4490776	3M Innovative Properties Company	22/05/2023	4490776	23732198.9	
4491279	Talleres ZB, S.A.	09/03/2023	4491279	23711118.2	
4491463	MAZDA MOTOR CORPORATION	07/06/2024	4491463	24180822.9	
4492453	Siemens Aktiengesellschaft	10/07/2023	4492453	23184489.5	German
4492589	Neutrik AG	14/07/2023	4492589	23185602.2	German
4493266	NTT Research, Inc.	14/03/2022	4493266	22715013.3	
4494841	Krones AG	17/04/2024	4494841	24170767.8	German
4495397	Suzuki Motor Corporation	23/05/2024	4495397	24177686.3	
4496802	Lipotrue, S.L.	21/03/2023	4496802	23712270.0	
4497806	Klueber Lubrication München GmbH & Co. KG	27/07/2023	4497806	23188084.0	German
4499160	NORDOVO BIOSCIENCES AS	29/03/2023	4499160	23716252.4	

4499554	INVENTIO AG	15/02/2023	4499554	23704214.8	German
4501166	W.AG Funktion + Design GmbH	01/08/2023	4501166	23188956.9	German
4501455	Univerzita Karlova	02/05/2024	4501455	24173812.9	
4501772	Lemissoler Corporate Management Ltd.	04/08/2023	4501772	23390001.8	
4506664	SICK AG	12/06/2024	4506664	24181603.2	German
4506765	Siemens Aktiengesellschaft	07/08/2023	4506765	23190070.5	German
4510610	SAGEMCOM ENERGY & TELECOM SAS	12/08/2024	4510610	24194027.9	French
4511601	QTF Sweden AB	18/04/2023	4511601	23720096.9	
4518115	Delta Electronics, Inc.	23/01/2024	4518115	24153475.9	
4518811	INVENT MEDICAL GROUP, S.R.O.	02/05/2023	4518811	23733616.9	
4527373	Laboratori Baldacci S.p.A.	30/07/2020	4527373	24206976.3	
4528051	Terna S.p.A.	11/09/2024	4528051	24199829.3	
4529578	Horizon Research Lab, S.L.	27/06/2023	4529578	23750714.0	
4530802	Hitachi, Ltd.	08/08/2024	4530802	24193471.0	
4531798	Unilever Global IP Limited	12/05/2023	4531798	23726489.0	
4532234	KNDS Deutschland GmbH & Co. KG	14/08/2024	4532234	24765019.5	German
4541755	SKYLOTEC GmbH	20/10/2023	4541755	23204983.3	
4542164	Knappertsbusch, Richard Höller, Andreas	20/10/2023	4542164	23204839.7	German
4543696	HUNTER ENGINEERING COMPANY	27/06/2023	4543696	23744299.1	
4547315	Okuvision GmbH	17/09/2024	4547315	24773373.6	German
4550319	Dolby International AB	24/10/2006	4550319	24220473.3	
4555393	Siemens Aktiengesellschaft	06/09/2024	4555393	24782200.0	
4557283	Dolby International AB	25/05/2010	4557283	25168330.6	
4558011	Julius Blum GmbH	06/07/2023	4558011	23745048.1	German
4572948	GriP Safety Coatings AG	09/02/2024	4572948	24704015.7	
4573379	Bruker Switzerland AG	10/10/2024	4573379	24789865.3	German
4575495	Guerin, Joe	22/12/2023	4575495	23219985.1	
4584021	thyssenkrupp Polysius GmbH thyssenkrupp AG	02/10/2024	4584021	24783264.5	German
4590889	SCHWENK Zement GmbH & Co. KG Fibertex Personal Care A/S	27/08/2024	4590889	24761640.2	

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2506104	General Electric Renovables España, S.L.	29/03/2012	2506104	12162206.2	
2601632	Blackhawk Network, Inc.	26/08/2011	2601632	11820719.0	
2627397	Medivators Inc.	13/10/2011	2627397	11833420.0	
2701365	Tencent Technology (Shenzhen) Company Limited	07/02/2012	2701365	12774618.8	
2766942	Energizer Brands, LLC	12/10/2012	2766942	12775420.8	
2960872	Deutsche Post AG	25/06/2015	2960872	15173779.8	German
2985736	Xiaomi Inc.	09/07/2015	2985736	15176158.2	
3002505	The Boeing Company	18/08/2015	3002505	15181415.9	
3005984	Medtronic Inc.	27/02/2009	3005984	15178924.5	
3010672	EOS GmbH Electro Optical Systems	06/06/2014	3010672	14728971.4	German
3050912	Colour Tone Masterbatch Limited	29/01/2016	3050912	16153501.8	
3068576	Alpha Assembly Solutions Inc.	12/11/2013	3068576	13897342.5	
3071183	Oxsonics Limited	19/11/2014	3071183	14803195.8	
3078087	IPG Photonics Corporation	02/12/2014	3078087	14868071.3	
3099310	Aidance Skincare And Topical Solutions LLC	27/01/2015	3099310	15740451.8	
3100232	Raytheon Company	19/11/2014	3100232	14812347.4	
3112181	Tung Yik International Ltd.	07/08/2015	3112181	15180179.2	
3124231	SAINT-GOBAIN GLASS FRANCE	26/05/2014	3124231	16187343.5	German
3136609	Apple Inc.	29/07/2016	3136609	16182068.3	
3141585	MAN Truck & Bus SE	12/08/2016	3141585	16001796.8	German
3151565	Project Giants, LLC	03/10/2016	3151565	16192071.5	
3151728	Koninklijke Philips N.V.	04/06/2015	3151728	15727397.0	
3174105	Intel Corporation	28/08/2013	3174105	17151166.0	
3180604	Nikon Metrology NV	12/08/2015	3180604	15748260.5	

3180795	General Cable Technologies Corporation	13/08/2015	3180795	15832427.7	
3182975	pharma& Schweiz GmbH	17/08/2015	3182975	15833096.9	
3183698	Hitachi Energy AG	03/08/2015	3183698	15747459.4	
3187870	deWalle, Richard T. deWalle, Jeffrey G. deWalle, Brian S.	20/08/2016	3187870	16001832.1	
3191437	SPECIALTY OPERATIONS FRANCE	05/08/2015	3191437	15757365.0	
3191534	Rheinisch-Westfälische Technische Hochschule (RWTH) Aachen	11/08/2015	3191534	15767355.9	
3193904	Cornell University	12/08/2015	3193904	15834073.7	
3197264	Hologenix, LLC	22/09/2015	3197264	15844141.0	
3214395	LG Electronics Inc.	29/08/2016	3214395	16845342.1	
3217211	Samsung Display Co., Ltd.	09/03/2017	3217211	17160192.5	
3240438	Philip Morris Products S.A.	15/12/2015	3240438	15825841.8	
3241064	Essilor International	30/12/2015	3241064	15819844.0	
3244923	Children's Medical Center Corporation	12/01/2016	3244923	16737709.2	
3246476	Bolton Manitoba S.p.A.	15/05/2017	3246476	17171066.8	
3251051	Nokia Technologies Oy	27/01/2015	3251051	15879328.1	
3256346	Zircotec IP Limited	11/02/2016	3256346	16704913.9	
3258995	Regeneron Pharmaceuticals, Inc.	19/02/2016	3258995	16753118.5	
3261703	Galaxy Therapeutics Inc.	23/02/2016	3261703	16756188.5	
3262673	Dynamic Solar Systems AG	26/02/2016	3262673	16715440.0	German
3268611	Copeland LP	10/03/2016	3268611	16762522.7	
3273303	Nivarox-FAR S.A.	19/07/2016	3273303	16180223.6	French
3281114	Canfield, Raymond	18/07/2016	3281114	16825311.0	
3283202	EMD Millipore Corporation	17/02/2016	3283202	16708843.4	
3289129	NIKE Innovate C.V.	08/03/2017	3289129	17712362.7	
3294438	Atlas Copco Airpower, Naamloze Vennootschap	10/05/2016	3294438	16750084.2	
3298461	Garmin Switzerland GmbH	06/05/2016	3298461	16796936.9	
3301351	Valeo Vision	20/09/2017	3301351	17192239.6	French
3302428	Sol-Gel Technologies Ltd.	03/06/2016	3302428	16730946.7	
3302506	Amorphical Ltd.	02/06/2016	3302506	16802697.9	
3309176	Ablynx N.V.	14/12/2010	3309176	17203533.9	
3316157	Sumitomo Rubber Industries, Ltd.	16/08/2017	3316157	17186491.1	
3324997	Purdue Research Foundation	22/07/2016	3324997	16828593.0	
3326312	Arilou Information Security Technologies Ltd.	21/07/2016	3326312	16827347.2	
3329365	ARM Limited	28/07/2016	3329365	16750681.5	
3331001	Resonac Corporation	26/08/2016	3331001	16841723.6	
3334325	Intuitive Surgical Operations, Inc.	11/08/2016	3334325	16837556.6	
3334524	Braskem America, Inc.	11/08/2016	3334524	16835914.9	
3338289	Hitachi Energy Ltd	17/08/2016	3338289	16753384.3	
3341487	Universität des Saarlandes	29/08/2016	3341487	16767152.8	
3341764	Commonwealth Scientific and Industrial Research Organisation	24/08/2016	3341764	16838120.0	
3344078	Nicoventures Trading Limited	26/08/2016	3344078	16766492.9	
3348387	Korea Institute of Science and Technology	09/01/2018	3348387	18150793.0	
3354446	Giant Manufacturing Co., Ltd.	24/01/2018	3354446	18153307.6	
3356025	ExxonMobil Chemical Patents Inc.	10/08/2016	3356025	16756865.8	
3360067	The Board of Trustees of the Leland Stanford Junior University	06/10/2016	3360067	16854308.0	
3362031	Omnicell, Inc.	17/10/2016	3362031	16856391.4	
3366282	Sanovel Ilac Sanayi ve Ticaret A.S.	27/02/2018	3366282	18158766.8	
3368567	Yale University	20/10/2016	3368567	16860530.1	
3370760	Kedrion Biopharma Inc.	03/11/2016	3370760	16861682.9	
3372044	Telefonaktiebolaget LM Ericsson (PUBL)	03/03/2016	3372044	16707467.3	
3372540	Siemens Logistics GmbH	10/03/2017	3372540	17160367.3	German
3372792	GE Vernova Technology GmbH	06/03/2018	3372792	18160335.8	
3372991	Nuctech Company Limited	19/05/2016	3372991	16861236.4	
3378725	Nuctech Jiangsu Company Limited ALSTOM Holdings	21/03/2018	3378725	18163116.9	French

3386439	Medtronic Inc.	07/12/2016	3386439	16816138.8	
3391464	Humatics Corporation	16/12/2016	3391464	16876808.3	
3393961	Liebherr-Werk Biberach GmbH	23/12/2016	3393961	16829069.0	German
3394535	Linde GmbH	01/12/2016	3394535	16809645.1	German
3396623	INTEL Corporation	19/03/2018	3396623	18162611.0	
3397172	Regenmed Systems, Inc.	30/01/2017	3397172	17747978.9	
3398534	Lifetech Scientific (Shenzhen) Co., Ltd.	15/06/2016	3398534	16880437.5	
3399802	InterDigital Patent Holdings, Inc.	17/07/2014	3399802	18171988.1	
3406966	Quarkstar LLC	08/08/2012	3406966	18158953.2	
3410641	Huawei Technologies Co., Ltd.	14/03/2017	3410641	17765816.8	
3416246	Huawei Technologies Co., Ltd.	27/05/2016	3416246	16893159.0	
3418927	Huawei Technologies Co., Ltd.	17/05/2017	3418927	17798745.0	
3419056	SUMITOMO CHEMICAL COMPANY, LIMITED	07/08/2018	3419056	18187707.7	
3419084	BYD Company Limited	30/08/2016	3419084	16891199.8	
3419500	Ocuflow, Inc.	24/02/2017	3419500	17709866.2	
3425125	Kobelco Construction Machinery Co., Ltd.	24/02/2017	3425125	17759825.7	
3425431	Samsung Electronics Co., Ltd.	05/07/2018	3425431	18181907.9	
	Samsung SDI Co., Ltd.				
3432845	Microtek Medical, Inc.	24/03/2017	3432845	17771303.9	
3433652	Huawei Technologies Co., Ltd.	15/03/2017	3433652	17788551.4	
3433711	Tyco Fire & Security GmbH	23/03/2017	3433711	17771201.5	
3434686	Universidade de São Paulo - USP	10/05/2016	3434686	16894820.6	
	LCR Kimera Biotecnologia Ltda - ME				
3436484	AB Biosciences, Inc.	29/03/2017	3436484	17776516.1	
3438543	Guangdong Midea Kitchen Appliances Manufacturing Co., Ltd.	20/06/2016	3438543	16896218.1	
	Midea Group Co., Ltd.				
3439712	Mozarc Medical US LLC	04/04/2017	3439712	17718246.6	
3440780	Telefonaktiebolaget LM Ericsson (publ)	14/02/2017	3440780	17705382.4	
3440982	Vorwerk & Co. Interholding GmbH	09/08/2018	3440982	18188230.9	German
3444221	Jungheinrich Aktiengesellschaft	09/08/2018	3444221	18188274.7	German
3445190	Juul Labs, Inc.	21/04/2017	3445190	17786768.6	
3446657	Limited Liability Company Enterprise"Reper-NN"	17/04/2017	3446657	17786235.6	
3446658	Limited Liability Company Enterprise"Reper-NN"	17/04/2017	3446658	17786236.4	
3449276	Marss Ventures S.A.	28/04/2017	3449276	17727381.0	
3450064	Tungaloy Corporation	23/08/2018	3450064	18190404.6	
3452715	Valeo Electrification	03/05/2017	3452715	17725712.8	French
3453103	Foundation Brakes France SAS	02/05/2017	3453103	17725324.2	French
3454049	The Boeing Company	22/08/2018	3454049	18190331.1	
3455647	Valeo Schalter und Sensoren GmbH	09/05/2017	3455647	17724782.2	German
3457185	Lumentum Operations LLC	14/08/2018	3457185	18189035.1	
3461731	SRAM Deutschland GmbH	06/07/2012	3461731	18000870.8	German
3463525	Sanofi-Aventis Deutschland GmbH	29/05/2017	3463525	17725629.4	
3464135	Intelligrated Headquarters, LLC	15/08/2018	3464135	18761998.6	
3466244	CLAAS Selbstfahrende Erntemaschinen GmbH	26/07/2018	3466244	18185641.0	German
3473284	Szapiro, Jaime Luis	19/03/2018	3473284	18000270.1	
	Moreno Bonino, Saúl				
	Szapiro, Germán Andrés				
3475291	Ventana Medical Systems, Inc.	27/06/2017	3475291	17739893.0	
3475479	Boltersdorf, Hans-Joachim	08/06/2017	3475479	17757458.9	German
3479624	Motorola Mobility LLC	12/08/2017	3479624	17757644.4	
3480652	Oakley, Inc.	06/11/2018	3480652	18204638.3	
3486726	Brother Kogyo Kabushiki Kaisha	13/07/2017	3486726	17827703.4	
3487468	ICU Medical, Inc.	25/07/2017	3487468	17835130.0	
3487583	Insightec Ltd.	19/07/2017	3487583	17762197.6	
3489282	Polyplastics-Evonik Corporation	10/04/2017	3489282	17830658.5	
3491190	Natural Resources (2000) Limited	20/07/2017	3491190	17758244.2	
3494310	Woodward, Inc.	04/08/2017	3494310	17751973.3	

3495016	Nipro Corporation	04/08/2017	3495016	17837107.6	German
3496178	Dai Nippon Printing Co., Ltd.	04/08/2017	3496178	17837108.4	
3496811	Medela AG	09/08/2017	3496811	17758814.2	
3501340	Cavalcante De Albuquerque, André	09/08/2017	3501340	17840647.6	
3505083	Ethicon LLC	28/12/2018	3505083	18275211.3	
3507306	Xencor, Inc.	30/08/2017	3507306	17765002.5	
3507805	Micron Technology, Inc.	02/08/2017	3507805	17847173.6	
3508129	Children's Hospital Medical Center	24/08/2012	3508129	18202505.6	
3508304	Hamilton Sundstrand Corporation	07/01/2019	3508304	19150567.6	
3513288	Cloudera, Inc.	20/07/2017	3513288	17851228.1	
3513436	Qualcomm Incorporated	08/08/2017	3513436	17752552.4	
3514660	Amazon Technologies, Inc.	01/08/2014	3514660	19155157.1	
3514846	Cheil Industries Inc.	29/04/2011	3514846	19155683.6	
3517033	Cardiac Pacemakers, Inc.	24/10/2018	3517033	18202201.2	
3517995	Kabushiki Kaisha Toshiba Toshiba Electronic Devices & Storage Corporation	16/03/2018	3517995	18162247.3	
3518191	NCR Voyix Corporation	21/12/2018	3518191	18215245.4	
3518217	Kigen (UK) Limited Sony Semiconductor Israel Ltd.	04/01/2019	3518217	19150320.0	
3518604	Datang Mobile Communications Equipment Co., Ltd.	29/06/2017	3518604	17852195.1	French
3520728	Fotona d.o.o.	05/02/2018	3520728	18155037.7	
3523944	HRL Laboratories, LLC	07/08/2017	3523944	17858852.1	
3524090	The Gillette Company LLC	09/02/2018	3524090	18155967.5	
3524092	The Gillette Company LLC	09/02/2018	3524092	18156005.3	
3524258	Apellis Pharmaceuticals, Inc.	22/06/2012	3524258	18212739.9	
3524821	Edwards Japan Limited	09/08/2017	3524821	17846081.2	
3524833	Beijing Institute of Technology	12/01/2018	3524833	18730209.6	
3529940	QUALCOMM Incorporated	17/10/2017	3529940	17793774.5	
3534685	Climate LLC	25/10/2017	3534685	17868410.6	
3535843	SpinSei Consulting AB	27/10/2017	3535843	17868262.1	
3540105	Bossa Ticaret Ve Sanayi Isletmeleri Turk Anonim Sirketi	27/07/2018	3540105	18186110.5	
3541871	Corning Optical Communications LLC	15/11/2017	3541871	17872162.7	
3543679	LG Chem, Ltd.	06/08/2018	3543679	18846713.8	
3544484	SiVIEW	27/11/2017	3544484	17809247.4	
3544532	Vetsos Ltd	17/11/2017	3544532	17800848.8	
3546611	Baoshan Iron & Steel Co., Ltd.	16/11/2017	3546611	17873789.6	German
3548297	Landa Labs (2012) Ltd.	30/11/2017	3548297	17818290.3	
3549942	LG Chem, Ltd.	14/05/2018	3549942	18805218.7	
3550414	Apple Inc.	04/01/2008	3550414	19154558.1	
3551461	BW Converting, Inc.	05/12/2017	3551461	17881747.4	
3557651	LG Energy Solution, Ltd.	28/02/2018	3557651	18761577.8	
3557925	Huawei Technologies Co., Ltd.	05/01/2017	3557925	17889963.9	
3559845	Bundesdruckerei GmbH neXenio GmbH	15/12/2017	3559845	17822637.9	
3559976	Blossom Innovations, LLC The General Hospital Corporation	22/12/2017	3559976	17883882.7	
3561237	RTX Corporation	23/04/2019	3561237	19170661.3	
3562186	Datang Mobile Communications Equipment Co., Ltd.	29/08/2017	3562186	17885077.2	
3562325	YNSECT CARGILL, Incorporated	28/12/2017	3562325	17832246.7	
3562842	F. Hoffmann-La Roche AG	22/12/2017	3562842	17832236.8	French
3562845	F. Hoffmann-La Roche AG	22/12/2017	3562845	17832237.6	
3563148	Cytiva Sweden AB	22/12/2017	3563148	17822697.3	
3563557	Overkiz	21/12/2017	3563557	17832527.0	
3564700	Beijing Xiaomi Mobile Software Co., Ltd.	16/04/2019	3564700	19169391.0	
3565097	Huawei Technologies Co., Ltd.	24/02/2018	3565097	18760773.4	
3566009	Organic Heat Exchangers Limited	09/01/2018	3566009	18700249.8	
3566380	Huawei Technologies Co., Ltd.	08/01/2018	3566380	18738620.6	

3566710	Hangzhou Converd Co., Ltd.	03/01/2018	3566710	18736473.2	
3567721	Huawei Technologies Co., Ltd.	25/01/2017	3567721	17894534.1	
3572212	Concept Laser GmbH	23/05/2018	3572212	18173909.5	
3573124	Samsung Display Co., Ltd.	18/01/2018	3573124	18741571.6	
3573841	Leonhard Kurz Stiftung & Co. KG	23/01/2018	3573841	18702177.9	German
3575408	Guangzhou Kongque Gene Technology Co. Ltd.	23/01/2018	3575408	18744444.3	
3577534	Microsoft Technology Licensing, LLC	28/03/2018	3577534	18718064.1	
3579389	LG Innotek Co., Ltd.	06/02/2018	3579389	18748194.0	
3581195	Janssen Pharmaceutica NV	20/08/2013	3581195	19174507.4	
3582536	AirTies Belgium SPRL	17/12/2015	3582536	19190317.8	
3582903	Flottweg SE	14/02/2018	3582903	18709918.9	German
3584720	ZTE Corporation	24/01/2018	3584720	18754171.9	
3585542	General Electric Company	11/01/2018	3585542	18757387.8	
3585997	Baldwin Filters, Inc.	26/02/2018	3585997	18758166.5	
3590291	QUALCOMM Incorporated	22/02/2018	3590291	18709862.9	
3590399	Kenwood Limited	24/02/2017	3590399	19192397.8	
3591955	InterDigital Madison Patent Holdings, SAS	06/07/2018	3591955	18305894.0	
3592904	Manitou Equipment America, LLC	28/02/2018	3592904	18764733.4	
3593398	Evoqua Water Technologies LLC	06/03/2018	3593398	18763103.1	
3595649	Takeda Pharmaceutical Company Limited	14/03/2018	3595649	18709054.3	
3596427	Trimble Inc.	13/03/2018	3596427	18714925.7	
3597921	LG ELECTRONICS INC.	19/08/2015	3597921	19191248.4	
3600590	Cidra Corporate Services LLC	27/03/2018	3600590	18775027.8	
3601638	Tec Advanced Anstalt	15/12/2017	3601638	17825809.1	
3602234	Microsoft Technology Licensing, LLC	15/03/2018	3602234	18715864.7	
3604045	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	13/03/2018	3604045	18770206.3	
3605495	ZTE Corporation	23/03/2018	3605495	18775846.1	
3606148	Beijing Xiaomi Mobile Software Co., Ltd.	29/08/2017	3606148	17907455.4	
3606692	General Electric Company	29/03/2018	3606692	18774653.2	
3607585	Office National d'Etudes et de Recherches Aérospatiales Centre National de la Recherche Scientifique CNRS	06/04/2018	3607585	18716250.8	French
3607942	University of Sheffield	07/11/2008	3607942	19180852.6	
3608091	Crompton Technology Group Limited	10/08/2018	3608091	18386024.6	
3608692	Diehl Defence GmbH & Co. KG	06/08/2019	3608692	19190172.7	German
3609209	MediaTek Singapore Pte. Ltd.	08/08/2019	3609209	19190745.0	
3612350	Ferrobotics Compliant Robot Technology GmbH	19/04/2018	3612350	18719142.4	German
3613601	Bundesdruckerei GmbH	19/08/2019	3613601	19192227.7	German
3613604	Mitsubishi Pencil Company, Limited	17/04/2018	3613604	18787782.4	
3614164	Magnetic Shields Limited	01/08/2019	3614164	19189690.1	
3616107	Financial & Risk Organisation Limited	15/03/2018	3616107	18790472.7	
3616408	Sony Group Corporation	19/04/2018	3616408	18722748.3	
3617735	Cohda Wireless Pty Ltd.	30/08/2019	3617735	19194672.2	
3618064	Sonos, Inc.	04/08/2017	3618064	19197116.7	
3618329	Fujitsu Limited	28/04/2017	3618329	17907983.5	
3618794	Arjo IP Holding Aktiebolag	24/04/2018	3618794	18794082.0	
3619204	Tianli Biotech Pty Ltd	03/05/2018	3619204	18795097.7	
3619819	QUALCOMM Incorporated	20/03/2018	3619819	18715454.7	
3622886	Adidas AG	02/04/2012	3622886	19204817.1	
3623115	KABUSHIKI KAISHA TOSHIBA	07/03/2019	3623115	19161245.6	
3623233	Hyundai Motor Company Kia Corporation	07/12/2018	3623233	18210987.6	
3623996	Aptiv Technologies AG	14/08/2019	3623996	19191839.0	
3624081	Mitsubishi Electric Corporation	30/10/2015	3624081	19201439.7	
3624238	LG Energy Solution, Ltd.	17/08/2018	3624238	18846398.8	
3626761	Finings Co. Ltd	28/03/2018	3626761	18802084.6	
3627557	Beijing Xiaomi Mobile Software Co., Ltd.	29/08/2019	3627557	19194345.5	
3627846	Starkey Laboratories, Inc.	04/06/2019	3627846	19178298.6	

3629809	Nike Innovate C.V.	21/05/2018	3629809	18731605.4	
3631123	Silver & Stal Enterprises AB	22/05/2018	3631123	18806400.0	
3631196	LM Wind Power A/S	22/05/2018	3631196	18724293.8	
3632314	I-sens, Inc.	01/06/2018	3632314	18808962.7	
3634705	Solvay Specialty Polymers USA, LLC	14/05/2018	3634705	18722602.2	
3635877	ViaSat, Inc.	18/05/2018	3635877	18729298.2	
3636225	K2M, Inc.	08/10/2019	3636225	19202058.4	
3636840	Komatsu Ltd.	21/01/2019	3636840	19757799.2	
3637914	Huawei Technologies Co., Ltd.	13/06/2018	3637914	18816844.7	
3639397	QUALCOMM Incorporated	05/06/2018	3639397	18734373.6	
3639556	Nokia Solutions and Networks Oy	25/05/2018	3639556	18818815.5	
3639595	NEC Corporation	13/06/2017	3639595	17913430.9	
3643689	BDG - Bundesverband der Deutschen Giesserei-Industrie e.V.	22/10/2019	3643689	19204550.8	German
3644739	King Abdullah University Of Science And Technology	25/06/2018	3644739	18749125.3	
3644826	Nie, Xiaochun	23/06/2018	3644826	18824482.6	
3645382	Macgregor Sweden AB	28/06/2018	3645382	18823958.6	
3646089	Corning Research & Development Corporation	26/06/2018	3646089	18743643.1	
3646372	Kla-Tencor Corporation	23/08/2018	3646372	18848116.2	
3646585	Koninklijke Philips N.V.	21/06/2018	3646585	18734505.3	
3646603	InterDigital VC Holdings, Inc.	26/06/2018	3646603	18734220.9	
3650026	VASTHERA Co. Ltd.	05/07/2018	3650026	18828466.5	
3657819	Starkey Laboratories, Inc.	21/11/2019	3657819	19210792.8	
3658190	Oncosol Limited	26/07/2018	3658190	18765721.8	
3659490	Veran Medical Technologies, Inc.	22/08/2011	3659490	19205463.3	
3662381	Intuit Inc.	01/08/2018	3662381	18842285.1	
3663667	Samsung Electronics Co., Ltd.	30/08/2018	3663667	18850480.7	
3663828	APPOTRONICS CORPORATION LIMITED	31/01/2018	3663828	18841585.5	
3663886	Beijing Xiaomi Mobile Software Co., Ltd.	03/08/2017	3663886	17919865.0	
3664219	AGC Inc. NTT DOCOMO, INC.	01/08/2018	3664219	18841231.6	
3664435	Samsung Electronics Co., Ltd.	31/08/2018	3664435	18851673.6	
3664664	Baby Dan A/S	08/08/2017	3664664	17757481.1	
3664791	CU Ventures, Inc.	07/08/2018	3664791	18842984.9	
3664799	President And Fellows Of Harvard College	10/08/2018	3664799	18844834.4	
3664871	West Pharma. Services IL, Ltd.	07/08/2018	3664871	18762669.2	
3665287	Amyris, Inc.	10/08/2018	3665287	18756533.8	
3665334	Hensley Industries, Inc.	03/08/2018	3665334	18843080.5	
3665423	LG Electronics Inc.	06/08/2018	3665423	18843473.2	
3665820	Panasonic Intellectual Property Corporation of America	10/08/2017	3665820	17921311.1	
3665879	University of Surrey	09/08/2018	3665879	18758692.0	
3665934	Apple Inc.	07/08/2018	3665934	18759508.7	
3666256	Zentiva, K.S.	12/12/2019	3666256	19215621.4	
3666838	LINTEC Corporation	06/08/2018	3666838	18845243.7	
3668546	Regeneron Pharmaceuticals, Inc.	17/08/2018	3668546	18845630.5	
3669181	Samsung Electronics Co., Ltd.	28/01/2019	3669181	19747778.9	
3669237	Honeywell International Inc.	20/08/2018	3669237	18782538.5	
3669420	Telefonaktiebolaget LM Ericsson (publ)	18/08/2017	3669420	17771578.6	
3669434	Saronikos Trading and Services, Unipessoal Lda	15/08/2017	3669434	17772760.9	
3670045	MAPAL Dr. Kress SE & Co. KG	19/12/2018	3670045	18214184.6	German
3670470	STO SE & Co. KGaA	15/07/2019	3670470	19186323.2	German
3670508	Samsung Display Co., Ltd.	04/12/2019	3670508	19213557.2	
3670654	Qingdao Vland Biotech Group Co. Ltd.	19/04/2018	3670654	18845993.7	
3672863	TVS Motor Company Limited	21/08/2018	3672863	18848588.2	
3674127	Fico Triad, S.A.	28/12/2018	3674127	18383008.2	
3674758	Sterlite Technologies Limited	26/03/2019	3674758	19165290.8	
3675056	INTEL Corporation	17/10/2019	3675056	19203749.7	

3675937	Ypsomed AG	27/08/2018	3675937	18773619.4	German
3676069	Kautex Textron GmbH & Co. KG	24/08/2018	3676069	18759316.5	German
3676236	SABIC Global Technologies B.V.	22/08/2018	3676236	18773835.6	
3676839	Micron Technology, Inc.	21/08/2018	3676839	18850119.1	
3677010	Cisco Technology, Inc.	11/07/2019	3677010	19746257.5	
3677042	InterDigital VC Holdings, Inc.	23/08/2018	3677042	18765299.5	
3677265	Amorepacific Corporation	13/04/2018	3677265	18852284.1	
3677941	LG Innotek Co., Ltd.	29/08/2018	3677941	18850977.2	
3678217	Huawei Technologies Co., Ltd.	27/10/2017	3678217	17929752.8	
3678623	STERIS Solutions Limited	31/08/2018	3678623	18768798.3	
3678624	STERIS Solutions Limited	31/08/2018	3678624	18773094.0	
3680287	Trinseo Europe GmbH	09/01/2019	3680287	19150929.8	
3682707	Apple Inc.	10/09/2018	3682707	18854298.9	
3683653	Samsung Display Co., Ltd.	16/01/2020	3683653	20152142.4	
3683846	BOE Technology Group Co., Ltd. Chongqing BOE Optoelectronics Technology Co., Ltd.	02/07/2018	3683846	18849422.3	
3685357	Universal City Studios LLC	21/08/2018	3685357	18773006.4	
3685774	LanXian BoLi Medical Technology (Shanghai) CO., LTD.	22/05/2018	3685774	18859903.9	
3686838	NEC Corporation	08/08/2018	3686838	18858639.0	
3687195	TOYOTA JIDOSHA KABUSHIKI KAISHA	14/01/2020	3687195	20151624.2	
3688766	University of Strathclyde	22/08/2018	3688766	18799586.5	
3689547	Koki Holdings Co., Ltd.	31/08/2018	3689547	18861058.8	
3693615	Goodrich Actuation Systems SAS	11/02/2019	3693615	19305167.9	
3694002	UDC Ireland Limited	27/08/2009	3694002	20168310.9	
3695910	Günaydin, Turhan	13/02/2020	3695910	20157249.2	
3696212	Daikin Industries, Ltd.	05/11/2018	3696212	18879519.9	
3697753	BASF SE	08/10/2018	3697753	18779712.1	German
3698571	Telefonaktiebolaget LM Ericsson (publ)	06/11/2017	3698571	17930906.7	
3700091	Renesas Electronics America Inc.	17/02/2020	3700091	20157716.0	
3702774	Laboratory Corporation of America Holdings	07/02/2012	3702774	20167209.4	
3703948	Kimberly-Clark Worldwide, Inc.	31/10/2018	3703948	18874369.4	
3704133	Standard Biotoools Canada Inc.	08/06/2018	3704133	18874977.4	
3704313	Doosan Bobcat North America, Inc.	01/11/2018	3704313	18807787.9	
3704643	Johnson Controls Tyco IP Holdings LLP	02/11/2018	3704643	18807181.5	
3705021	Boston Scientific Scimed, Inc.	01/06/2014	3705021	20151480.9	
3705141	Adeka Corporation	24/10/2018	3705141	18872781.2	
3705921	Lessengers Inc.	28/11/2017	3705921	17930282.3	
3706386	Tata Consultancy Services Limited	09/08/2019	3706386	19190990.2	
3706654	Alcon Inc.	12/12/2018	3706654	18836649.6	
3706913	FLSmidth A/S	07/11/2018	3706913	18807428.0	
3707349	GKN Aerospace Sweden AB	06/11/2018	3707349	18799737.4	
3708788	Hamilton Sundstrand Corporation	27/11/2019	3708788	19211943.6	
3708820	HYUNDAI MOTOR COMPANY Kia Corporation	04/09/2019	3708820	19195280.3	
3712383	RTX Corporation	17/03/2020	3712383	20163543.0	
3712407	RTX Corporation	18/03/2020	3712407	20163949.9	
3712656	Deutsches Zentrum für Luft- und Raumfahrt e.V.	17/02/2020	3712656	20157612.1	
3712941	Micron Technology, Inc.	28/08/2013	3712941	20168260.6	
3713203	Samsung Electronics Co., Ltd.	23/01/2019	3713203	19744181.9	
3714262	Honeywell International Inc.	20/11/2017	3714262	17808712.8	
3714423	Citrix Systems, Inc.	15/11/2018	3714423	18826457.6	
3715954	CANON KABUSHIKI KAISHA	28/02/2020	3715954	20160032.7	
3716082	INTEL Corporation	18/02/2020	3716082	20157805.1	
3716644	Jenq, Cheng Yih	27/03/2020	3716644	20166148.5	
3717439	Refratechnik Holding GmbH	28/11/2018	3717439	18812125.5	German
3717690	Held Industries GmbH	23/11/2018	3717690	18810968.0	German
3717910	Bio-Rad Laboratories, Inc.	16/11/2018	3717910	18882855.2	

3717914	IP2IPO Innovations Limited	26/11/2018	3717914	18811907.7	
3718377	Inventronics GmbH	05/11/2018	3718377	18799709.3	
3719081	Cqv Co., Ltd.	19/09/2018	3719081	18883129.1	
3720142	Idec Corporation	27/11/2018	3720142	18882988.1	
3721225	DiaMonTech AG	04/12/2018	3721225	18815162.5	German
3721485	Everspin Technologies, Inc.	28/11/2018	3721485	18826856.9	
3721908	Dai Nippon Printing Co., Ltd.	06/12/2018	3721908	18885021.8	
3723076	BOE Technology Group Co., Ltd.	31/08/2018	3723076	18886483.9	
3723499	Symrise AG	14/12/2017	3723499	17817734.1	German
3723587	Koninklijke Philips N.V.	06/12/2018	3723587	18830392.9	
3723648	Biosense Webster (Israel) Ltd.	12/12/2018	3723648	18836989.6	
3724710	MSE MEILI AG	13/12/2018	3724710	18836342.8	German
3725772	Shin-Etsu Chemical Co., Ltd.	30/03/2020	3725772	20166912.4	
3726428	NIO (Anhui) Holding Co., Ltd.	12/12/2018	3726428	18888791.3	
3729437	MICRON TECHNOLOGY, INC.	20/12/2018	3729437	18892460.9	
3729574	CISCO TECHNOLOGY, INC.	13/12/2018	3729574	18830608.8	
3729653	Advanced Micro Devices, Inc.	19/11/2018	3729653	18893196.8	
	ATI Technologies ULC				
3729711	Samsung Electronics Co., Ltd.	15/02/2019	3729711	19754367.1	
3729793	HUAWEI TECHNOLOGIES CO., LTD.	21/02/2018	3729793	18707673.2	
3729864	Nokia Solutions and Networks Oy	20/12/2017	3729864	17935628.2	
3730257	IGZ Ingenieurgesellschaft für logistische Informationssysteme mbH	10/05/2019	3730257	19173896.2	German
3730481	DAIKIN INDUSTRIES, LTD.	21/12/2018	3730481	18892956.6	
3730535	Wanhua Chemical Group Co., Ltd.	25/12/2017	3730535	17935128.3	
3730537	Dow Toray Co., Ltd.	19/12/2018	3730537	18892948.3	
3730663	POSCO Co., Ltd.	20/12/2018	3730663	18891506.0	
3730769	Mitsui E&S DU Co., Ltd.	19/12/2018	3730769	18890966.7	
3731101	INTEL Corporation	19/03/2020	3731101	20164272.5	
3731293	Samsung Display Co., Ltd.	23/03/2020	3731293	20165050.4	
3731571	Wilus Institute of Standards and Technology Inc.	21/12/2018	3731571	18890542.6	
3733119	Lifetech Scientific (Shenzhen) Co., Ltd.	05/12/2018	3733119	18897532.0	
3734014	RTX Corporation	17/04/2020	3734014	20170117.4	
3736660	Samsung Electronics Co., Ltd.	07/05/2020	3736660	20173515.6	
3739775	INTEL Corporation	24/03/2020	3739775	20165323.5	
3744338	Tekdemir, Canseven	30/05/2019	3744338	19177491.8	
	Tekdemir, Ozan				
	Keles, Ceren				
	Tekdemir, Irem				
3744786	Zhejiang Kingdom New Material Group Co., Ltd.	26/01/2018	3744786	18902083.7	
3745118	The Boeing Company	28/04/2020	3745118	20171771.7	
3745359	Tsinghua University	19/01/2020	3745359	20757506.9	
	Nuctech Company Limited				
3745608	INTEL Corporation	26/03/2020	3745608	20165868.9	
3745719	LG Electronics Inc.	23/01/2019	3745719	19744538.0	
3745961	BFLY Operations, Inc.	29/01/2019	3745961	19747685.6	
3747133	QUALCOMM Incorporated	17/01/2019	3747133	19703887.0	
3747205	QUALCOMM INCORPORATED	01/02/2019	3747205	19706333.2	
3748131	RTX Corporation	29/05/2020	3748131	20177610.1	
3748321	Beijing Tashan Technology Co., Ltd.	23/05/2018	3748321	18903581.9	
3748536	Drägerwerk AG & Co. KGaA	26/05/2020	3748536	20176452.9	German
3748607	Hyundai Motor Company	29/05/2020	3748607	20177622.6	
	Kia Corporation				
3749605	Itrec B.V.	05/02/2019	3749605	19714869.5	
3750093	Samsung Electronics Co., Ltd.	28/02/2019	3750093	19761516.4	
3750097	Medicapture, Inc.	06/02/2019	3750097	19751013.4	
3750185	MICRON TECHNOLOGY, INC.	29/01/2019	3750185	19752050.5	
3751349	Kao Corporation	08/02/2019	3751349	19751475.5	
3752913	Reneo, Inc.	14/02/2019	3752913	19755132.8	
3753110	Xilinx, Inc.	11/03/2019	3753110	19713292.1	

3753777	LG Innotek Co., Ltd.	13/02/2019	3753777	19754793.8	
3754594	ISHIDA CO., Ltd.	30/10/2018	3754594	18906493.4	
3755130	Samsung Electronics Co., Ltd.	25/02/2019	3755130	19756509.6	
3755277	Freistaat Bayern vertreten durch Hochschule Hof, Institut für Materialwissenschaften	18/02/2019	3755277	19706545.1	German
3755655	Reinertsen New Energy AS	18/02/2019	3755655	19705524.7	
3756412	QUALCOMM Incorporated	22/02/2019	3756412	19709830.4	
3757040	Terex GB Limited	26/06/2020	3757040	20182699.7	
3757444	Leuze electronic GmbH + Co. KG	25/06/2019	3757444	19182359.0	German
3757855	Intel Corporation	19/03/2020	3757855	20164326.9	
3758499	Coffee Technologies, Inc.	05/04/2019	3758499	19782193.7	
3758771	NxStage Medical, Inc.	28/02/2019	3758771	19760761.7	
3759147	Borealis GmbH	01/03/2019	3759147	19706727.5	
3759969	Telefonaktiebolaget LM Ericsson (publ)	27/02/2019	3759969	19713576.7	
3760144	Fiab S.P.A.	29/04/2020	3760144	20172110.7	
3760372	BIG DAISHOWA CO., LTD. BIG DAISHOWA SEIKI CO., LTD.	02/03/2018	3760372	18908153.2	
3760382	MAX CO., LTD.	27/02/2019	3760382	19761618.8	
3760793	Sumitomo (S.H.I.) Construction Machinery Co., Ltd.	28/02/2019	3760793	19759902.0	
3763628	NISSEI ASB MACHINE CO., LTD.	05/03/2019	3763628	19764407.3	
3764507	LG Energy Solution, Ltd.	06/12/2019	3764507	19893934.0	
3764759	AT & S Austria Technologie & Systemtechnik Aktiengesellschaft	10/07/2019	3764759	19185550.1	
3764803	Société des Produits Nestlé S.A.	13/03/2019	3764803	19710686.7	
3765131	Biocorp Production S.A.S.	13/03/2019	3765131	19721023.0	
3765367	Safran Seats	08/03/2019	3765367	19709489.9	French
3765987	Telefonaktiebolaget LM Ericsson (publ)	16/03/2018	3765987	18711935.9	
3766041	Samsung Electronics Co., Ltd.	19/03/2019	3766041	19785998.6	
3766062	The Nielsen Company (US), LLC.	12/03/2019	3766062	19766557.3	
3766244	Tencent America LLC	28/02/2020	3766244	20763623.4	
3766414	Heraeus Medevio GmbH & Co. KG Heraeus Medical Components LLC	08/08/2019	3766414	19190849.0	
3767094	Mitsui E&S DU Co., Ltd.	14/03/2019	3767094	19767911.1	
3767220	Hamilton Sundstrand Corporation	13/12/2019	3767220	19216231.1	
3767580	BSH Hausgeräte GmbH	01/07/2020	3767580	20183463.7	German
3767826	Gatesair S.r.l.	16/07/2020	3767826	20186275.2	
3768149	Koninklijke Philips N.V.	04/03/2019	3768149	19709872.6	
3768972	LM Wind Power A/S	18/03/2019	3768972	19711359.0	
3771815	Piaggio & C. S.P.A.	31/07/2020	3771815	20188800.5	
3771961	CANON KABUSHIKI KAISHA	28/07/2020	3771961	20188217.2	
3772274	Hedensted Gruppen A/S	05/08/2019	3772274	19189972.3	
3772397	Ishida Co., Ltd.	03/08/2020	3772397	20189109.0	
3773359	VesselSens GmbH	27/03/2019	3773359	19716098.9	German
3773408	AD Swiss Medtech SA	04/04/2019	3773408	19721389.5	
3774713	Arkema, Inc.	09/04/2019	3774713	19784254.5	
3775821	Dolby Laboratories Licensing Corporation	10/04/2019	3775821	19718053.2	
3776050	CommScope Technologies LLC	04/04/2019	3776050	19782307.3	
3776165	Apple Inc.	11/04/2019	3776165	19811266.6	
3776178	Microsoft Technology Licensing, LLC	26/03/2019	3776178	19716675.4	
3777106	ORANGE	26/03/2019	3777106	19719547.2	French
3777162	Tencent America LLC	26/11/2019	3777162	19889308.3	
3778520	Heungkuk Ind.Co.,Ltd.	16/10/2018	3778520	18914850.5	
3779518	PBU (UK) Ltd.	15/11/2016	3779518	20200278.8	
3779660	Samsung Electronics Co., Ltd.	06/08/2020	3779660	20189899.6	
3780150	SANYO Electric Co., Ltd.	16/11/2018	3780150	18911803.7	
3780461	ZTE Corporation	29/03/2019	3780461	19781616.8	
3780882	Comcast Cable Communications LLC	14/08/2020	3780882	20191058.5	
3781842	Linamar Corporation	16/04/2019	3781842	19721474.5	
3782375	Samsung Electronics Co., Ltd.	09/08/2019	3782375	19862515.4	

3785356	Boston Scientific Scimed Inc.	27/08/2019	3785356	19765915.4	
3786925	The Boeing Company	18/08/2020	3786925	20191631.9	
3787748	OrfoNeuro ApS	01/05/2019	3787748	19720628.7	
3790272	Samsung Electronics Co., Ltd.	16/07/2019	3790272	19838734.2	
3790306	Vivo Mobile Communication Co., Ltd.	28/04/2019	3790306	19796350.7	
3791233	Texas Instruments Incorporated	10/05/2019	3791233	19799607.7	
3791532	Huawei Technologies Duesseldorf GmbH	08/06/2018	3791532	18731033.9	
3792023	Black & Decker Inc.	20/08/2020	3792023	20191869.5	
3793347	Enza Zaden Beheer B.V.	17/05/2018	3793347	18728060.7	
3793769	Festool GmbH	15/05/2019	3793769	19725325.5	German
3795077	Biosense Webster (Israel) Ltd.	21/09/2020	3795077	20197162.9	
3795900	Wuhu Midea Kitchen And Bath Appliances MFG. Co., Ltd.	13/06/2018	3795900	18919158.8	
	Midea Group Co., Ltd.				
3796173	HUAWEI TECHNOLOGIES CO., LTD.	04/03/2019	3796173	19831322.3	
3796284	Robert Bosch GmbH	05/04/2019	3796284	19725216.6	
3796778	Barkey GmbH & Co. KG	03/04/2019	3796778	19722503.0	German
3797542	Nokia Solutions and Networks Oy	22/05/2018	3797542	18919923.5	
3798105	The Boeing Company	29/07/2020	3798105	20188367.5	
3798449	Sulzer Management AG	12/08/2020	3798449	20190658.3	
3800380	ZF CV Systems Europe BV	02/09/2020	3800380	20194096.2	German
3800872	Beijing Xiaomi Mobile Software Co., Ltd.	02/08/2019	3800872	19835225.4	
	Nanjing Branch				
	Beijing Xiaomi Mobile Software Co., Ltd.				
3801194	Deutsche Augenoptik GmbH	04/06/2019	3801194	19728950.7	German
3801339	Avent, Inc.	23/05/2019	3801339	19739732.6	
3802361	Fazekas, Gábor	05/06/2019	3802361	19734257.9	German
3802711	SWIMC LLC	29/05/2019	3802711	19811459.7	
3802890	Universita' Degli Studi Dell'Aquila	27/05/2019	3802890	19734890.7	
3803500	Meta Platforms Technologies, LLC	06/12/2018	3803500	18921615.3	
3803772	Hexagon Technology Center GmbH	07/06/2019	3803772	19728098.5	
3804365	Capital One Services, LLC	31/05/2019	3804365	19811974.5	
3804387	TELEFONAKTIEBOLAGET LM	31/08/2018	3804387	18779475.5	
	ERICSSON (PUBL)				
3804463	GEA Food Solutions Bakel B.V.	27/05/2019	3804463	19725755.3	
3804796	Fisher & Paykel Healthcare Limited	01/05/2013	3804796	20208965.2	
3805079	Dennison Trailers Unlimited Company	07/10/2020	3805079	20200636.7	
3806034	Nihon University	06/10/2020	3806034	20200327.3	
	J. MORITA MFG. CORP.				
3808562	Unilin, BV	31/07/2015	3808562	20213907.7	
3809279	Amadeus S.A.S.	14/10/2020	3809279	20201754.7	
3809595	ABLIC Inc.	16/10/2020	3809595	20202267.9	
3811091	Siemens Energy Global GmbH & Co. KG	21/08/2019	3811091	19768720.5	German
3812748	Krones AG	14/08/2020	3812748	20191033.8	German
3812906	The Boeing Company	31/08/2020	3812906	20193739.8	
3813896	ROOSTERBIO, INC.	14/05/2019	3813896	19803138.7	
3814983	Siemens Mobility GmbH	05/08/2019	3814983	19759298.3	German
3815026	Thomson Reuters Enterprise Centre GmbH	19/06/2019	3815026	19822303.4	
3817244	ZTE Corporation	25/06/2019	3817244	19826114.1	
3817362	LG Innotek Co., Ltd.	27/06/2019	3817362	19827021.7	
3817714	Colgate-Palmolive Company	08/08/2019	3817714	19755780.4	
3818667	RTX A/S	03/07/2019	3818667	19734108.4	
3820563	Dignify Therapeutics, LLC	10/07/2019	3820563	19835181.9	
3821329	Samsung Electronics Co., Ltd.	18/06/2019	3821329	19873249.7	
3821333	Koninklijke Philips N.V.	02/07/2019	3821333	19733813.0	
3822720	Pratt & Whitney Canada Corp.	16/07/2020	3822720	20186335.4	
3822777	Baidu Online Network Technology (Beijing) Co., Ltd.	11/08/2020	3822777	20190491.9	
3823137	Shenzhen Goodfamily Sports Development Co., Ltd.	09/07/2019	3823137	19833619.0	
3823225	Huawei Technologies Co., Ltd.	22/07/2019	3823225	19844091.9	
3823455	Symrise AG	16/07/2018	3823455	18743748.8	German

3824401	Netflix, Inc.	17/07/2019	3824401	19746418.3	German
3826585	W. L. Gore & Associates, Inc.	23/07/2019	3826585	19749531.0	
3826804	MAG IAS GmbH	13/11/2019	3826804	19805205.2	
3827331	Google LLC	20/08/2019	3827331	19762569.2	
3828239	SUMITOMO CHEMICAL COMPANY, LIMITED	23/07/2019	3828239	19839849.7	
3828390	GE Vernova Technology GmbH	17/11/2020	3828390	20208232.7	French
3828392	RTX Corporation	14/05/2019	3828392	20215618.8	
3828756	Samsung Electronics Co., Ltd.	23/10/2019	3828756	19888145.0	
3829489	Carl Zeiss Meditec AG	01/08/2019	3829489	19843067.0	
3829713	Sofwave Medical Ltd.	02/08/2019	3829713	19843063.9	
3829830	LG Electronics Inc.	02/08/2019	3829830	19844639.5	German
3829976	Safran Seats	11/07/2019	3829976	19737125.5	
3831172	Murphey, Ryan Joseph Lyon, Eric	02/08/2019	3831172	19845130.4	
3831457	Hitachi Energy Ltd	24/02/2020	3831457	20159127.8	
3831617	Sumitomo Rubber Industries, Ltd.	13/11/2020	3831617	20207384.7	
3832056	Kiekert AG	25/11/2020	3832056	20209745.7	French
3832383	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	01/08/2019	3832383	19832826.2	
3832404	Tissot S.A.	06/12/2019	3832404	19214105.9	
3833116	ALIBABA GROUP HOLDING LIMITED	22/08/2019	3833116	19855247.3	
3833196	IXL Netherlands B.V.	07/08/2019	3833196	19756022.0	
3833239	Balance Ophthalmics, Inc.	08/08/2019	3833239	19759175.3	German
3833390	Duke University	07/08/2019	3833390	19845946.3	
3833498	Ohio State Innovation Foundation	07/08/2019	3833498	19846543.7	
3833609	SNSTECH, LLC	06/08/2019	3833609	19846732.6	
3833723	Illinois Tool Works, Inc.	02/08/2019	3833723	19756282.0	
3833870	Fluid Handling LLC	08/08/2019	3833870	19847567.5	French
3833938	Khalifa University of Science and Technology Abu Dhabi National Oil Company	07/08/2018	3833938	18929274.1	
3834552	Sharp Kabushiki Kaisha	07/08/2019	3834552	19847607.9	
3834576	InterDigital Patent Holdings, Inc.	08/08/2019	3834576	19755783.8	
3834975	Illinois Tool Works INC.	09/08/2016	3834975	21155389.6	
3836481	Huawei Cloud Computing Technologies Co., Ltd.	27/07/2019	3836481	19853992.6	German
3836841	Technion Research & Development Foundation Limited	19/08/2019	3836841	19852929.9	
3836920	Eidos Therapeutics, Inc.	16/08/2019	3836920	19849948.5	
3837481	Illinois Tool Works Inc.	15/08/2019	3837481	19762015.6	
3837877	Nokia Technologies Oy	17/08/2018	3837877	18930399.3	
3839619	Beijing Xiaomi Mobile Software Co., Ltd.	25/06/2020	3839619	20182179.0	French
3839897	Inspectron, Inc.	28/08/2020	3839897	20193279.5	
3840271	Datang Mobile Communications Equipment Co., Ltd.	16/08/2019	3840271	19850588.5	
3840681	Intuitive Surgical Operations, Inc.	21/08/2019	3840681	19772902.3	
3840685	Intuitive Surgical Operations, Inc.	23/08/2019	3840685	19765395.9	
3840705	Andover Healthcare, Inc.	21/08/2019	3840705	19762634.4	German
3840760	Orthogen AG	22/08/2019	3840760	19759529.1	
3840791	Universität Heidelberg	23/08/2019	3840791	19755937.0	
3841652	Phoenix Contact GmbH & Co. KG	21/08/2019	3841652	19758689.4	
3841680	QUALCOMM Incorporated	21/08/2019	3841680	19765377.7	
3841694	QUALCOMM Incorporated	20/08/2019	3841694	19762584.1	French
3841725	McAfee, LLC	22/08/2019	3841725	19854052.8	
3841749	InterDigital CE Patent Holdings, SAS	08/08/2019	3841749	19756454.5	
3841805	Sony Group Corporation	21/08/2019	3841805	19765580.6	
3842363	Matsuo Industries, Inc.	19/08/2019	3842363	19852717.8	
3842466	Chang Chun Plastics Co., Ltd.	03/12/2020	3842466	20211479.9	German
3842822	ResMed Sensor Technologies Limited	20/04/2016	3842822	20189558.8	
3843347	NTT DOCOMO, INC.	20/08/2018	3843347	18930968.5	

3844169	Thornhill Therapeutics, Inc.	14/08/2020	3844169	20854520.2	German
3844194	Univation Technologies, LLC	21/08/2019	3844194	19765370.2	
3844399	Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Würzburg	06/11/2019	3844399	19800979.7	
3844467	Mettler Toledo (Changzhou) Precision Instrument Ltd. Mettler Toledo (Changzhou) Measurement Technology Ltd. Mettler-Toledo International Trading (Shanghai) Co. Ltd. Mettler-Toledo GmbH	30/08/2019	3844467	19759004.5	
3844513	Robert Bosch GmbH	12/07/2019	3844513	19739982.7	German
3844553	Eyeware Tech SA	22/08/2019	3844553	19780361.2	
3844713	Alarm.com Incorporated	28/08/2019	3844713	19855573.2	
3844978	Sonos, Inc.	28/08/2019	3844978	19766156.4	
3845152	Terumo Kabushiki Kaisha	06/09/2019	3845152	19857302.4	
3846075	SAP SE	04/12/2020	3846075	20211894.9	
3846391	ZTE Corporation	30/08/2019	3846391	19855358.8	
3846421	VIVO MOBILE COMMUNICATION CO., LTD.	25/07/2019	3846421	19854933.9	
3846459	HUAWEI TECHNOLOGIES CO., LTD.	06/06/2019	3846459	19863081.6	
3846508	Comcast Cable Communications, LLC	09/10/2018	3846508	21157697.0	
3846536	Sharp Kabushiki Kaisha	01/08/2019	3846536	19855127.7	
3847704	Technische Universität Darmstadt	23/08/2019	3847704	19762104.8	
3848994	LG Energy Solution, Ltd.	04/10/2019	3848994	19868716.2	German
3850179	Ad Solutions, Inc.	10/10/2019	3850179	19871412.3	
3850501	Chiral Software, Inc.	22/08/2019	3850501	19859196.8	
3850502	Chiral Software, Inc.	22/08/2019	3850502	19860992.7	
3850750	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	15/08/2019	3850750	19859116.6	
3853641	Zhejiang Dahua Technology Co., Ltd	31/05/2019	3853641	19881360.2	
3853878	Siemens Aktiengesellschaft	03/12/2019	3853878	19821035.3	
3854321	DePuy Synthes Products, Inc.	10/12/2020	3854321	20212970.6	
3855090	GD Midea Air-Conditioning Equipment Co., Ltd.	13/04/2020	3855090	20768240.2	
3855767	Motorola Mobility LLC	08/05/2017	3855767	21162538.9	
3856064	Auris Health, Inc.	27/09/2019	3856064	19864649.9	
3856837	Borealis GmbH	07/08/2019	3856837	19752170.1	
3857830	Huawei Technologies Co., Ltd.	30/10/2018	3857830	18795613.1	
3859555	Huawei Cloud Computing Technologies Co., Ltd.	28/06/2019	3859555	19934499.5	
3860594	Traverse Therapeutics, Inc.	03/10/2019	3860594	19791401.3	
3860665	John J. Ryan (Sealing Products) Limited	02/10/2019	3860665	19778550.4	
3860773	Aqua Clean Tas Pty Ltd	03/04/2019	3860773	19869820.1	
3861375	Spaceopal GmbH DLR Gesellschaft für Raumfahrtanwendungen mbH Deutsches Zentrum für Luft- und Raumfahrt e.V.	06/08/2019	3861375	19746518.0	
3861401	Carl Zeiss SMT GmbH	14/08/2019	3861401	19759516.8	
3861850	Arntz Beteiligungs GmbH & Co. KG	09/02/2021	3861850	21156026.3	
3862251	TOYOTA JIDOSHA KABUSHIKI KAISHA	18/01/2021	3862251	21152188.5	German
3862439	Toray Industries, Inc. National Cancer Center	18/06/2015	3862439	20183289.6	
3862795	ION BEAM APPLICATIONS S.A.	22/03/2010	3862795	21163403.5	
3863320	T-Mobile USA, Inc.	06/01/2021	3863320	21150389.1	
3863338	Huawei Technologies Co., Ltd.	27/11/2019	3863338	19893757.5	
3866032	Uber Technologies, Inc.	11/02/2021	3866032	21156676.5	
3866498	Nokia Technologies Oy	05/02/2021	3866498	21155413.4	
3866625	ARENA S.P.A.	19/10/2018	3866625	18796127.1	
3866671	Boston Scientific Scimed Inc.	17/10/2019	3866671	19798801.7	

3867557	Parker Hannifin EMEA S.à.r.l.	18/10/2019	3867557	19786634.6	French
3868533	Nitto Boseki Co., Ltd.	02/04/2020	3868533	20791585.1	
3869144	Diehl Defence GmbH & Co. KG	17/02/2021	3869144	21157506.3	German
3869180	HORIBA, Ltd.	29/10/2019	3869180	19880890.9	
3869882	Eppendorf Himac Technologies Co., Ltd. Datang Mobile Communications Equipment Co., Ltd.	07/08/2019	3869882	19863835.5	
3870962	Roxar Flow Measurement AS	25/10/2019	3870962	19797211.0	
3871286	Sunlight Aerospace Inc.	24/10/2019	3871286	19875581.1	
3872600	Samsung Electronics Co., Ltd.	03/08/2017	3872600	21170235.2	
3873589	Kyushu University, National University Corporation	01/11/2019	3873589	19879295.4	
3874186	Illinois Tool Works Inc.	13/11/2018	3874186	18938958.8	
3874479	ASSA ABLOY AB	31/10/2019	3874479	19801745.1	
3876020	JIANGXI LIANYI OPTICS CO., LTD.	07/11/2019	3876020	19907109.3	
3876792	Innotec Motion GmbH	05/11/2019	3876792	19831988.1	German
3877009	Brillux GmbH & Co. KG	01/02/2019	3877009	19703070.3	German
3877230	Waymo LLC	17/12/2019	3877230	19899372.7	
3877685	Swagelok Company	28/10/2019	3877685	19805030.4	
3877933	ServiceNow, Inc.	04/11/2019	3877933	19881920.3	
3878416	Dolzan, Vita	11/03/2020	3878416	20162336.0	
3878476	National Cancer Center	01/11/2019	3878476	19882937.6	
3879027	Samsung Electronics Co., Ltd.	14/07/2016	3879027	21171936.4	
3879709	Huawei Technologies Co., Ltd.	26/11/2019	3879709	19890969.9	
3880746	Chasm Advanced Materials, Inc.	13/11/2019	3880746	19883368.3	
3882346	Danisco US Inc.	29/05/2014	3882346	21159345.4	
3882636	Siemens Healthcare Diagnostics Inc.	19/07/2017	3882636	21168095.4	
3883663	FUJIFILM Electronic Materials U.S.A., Inc.	21/11/2019	3883663	19888213.6	
3883927	Firmenich SA	25/05/2020	3883927	20726489.6	
3884233	MAGNA Powertrain GmbH & Co KG	24/01/2020	3884233	20745976.9	
3884425	Microsoft Technology Licensing, LLC	05/11/2019	3884425	19809969.9	
3884852	Alcon Inc.	15/02/2011	3884852	21172020.6	
3886012	Sony Group Corporation Sony Europe B.V.	05/02/2021	3886012	21155367.2	
3886058	Beijing Xiaomi Mobile Software Co., Ltd.	25/08/2020	3886058	20192750.6	
3886371	Elmos Semiconductor SE	27/02/2019	3886371	21174454.5	German
3886412	LG Electronics Inc.	11/08/2020	3886412	20190459.6	
3887758	Ouster, Inc.	19/12/2019	3887758	19906205.0	
3887943	Hewlett-Packard Development Company, L.P.	11/02/2019	3887943	19915084.8	
3888059	Samsung Electronics Co., Ltd.	03/01/2020	3888059	20736020.7	
3888152	Robert Bosch GmbH	20/11/2019	3888152	19808747.0	German
3889836	Tencent Technology (Shenzhen) Company Limited	18/10/2019	3889836	19891662.9	
3890061	LG Energy Solution, Ltd.	14/01/2020	3890061	20741904.5	
3890588	Universiteit Gent Imec VZW	28/11/2019	3890588	19809476.5	
3891548	LEIA Inc.	08/12/2018	3891548	18942113.4	
3891586	Samsung Electronics Co., Ltd.	26/02/2020	3891586	20771022.9	
3891705	Mitsubishi Electric Corporation	30/09/2020	3891705	20812445.3	
3892971	YAMATO SCALE CO., LTD.	13/12/2019	3892971	19901083.6	
3893386	AUDI AG	24/02/2021	3893386	21158955.1	German
3894620	NIKE Innovate C.V.	04/12/2019	3894620	19828424.2	
3895010	Amazon Technologies, Inc.	10/12/2019	3895010	19828515.7	
3896965	Shenzhen Institutes of Advanced Technology Chinese Academy of Sciences	12/12/2018	3896965	18943329.5	
3898171	Polynovo Biomaterials Pty Limited	21/12/2018	3898171	18943413.7	
3898706	ARLANXEO Deutschland GmbH	26/11/2019	3898706	19808596.1	
3898725	Dow Global Technologies LLC	20/12/2019	3898725	19842503.5	
3899244	General Electric Renovables España, S.L.	20/12/2018	3899244	18834216.6	
3899674	Siemens Aktiengesellschaft	25/01/2019	3899674	19704943.0	
3900114	Industrietechnik Robi AB	02/12/2019	3900114	19817439.3	

3900259	Visa International Service Association	12/12/2019	3900259	19899828.8	French
3900306	ORANGE	11/12/2019	3900306	19839393.6	
3901697	Panasonic Intellectual Property Management Co., Ltd.	23/08/2019	3901697	19874763.6	
3902199	Huawei Technologies Co., Ltd.	24/03/2020	3902199	20799055.7	German
3902675	Dow Global Technologies LLC	28/12/2018	3902675	18944883.0	
3902849	SABIC Global Technologies B.V.	14/10/2019	3902849	19786786.4	
3903125	Sense Photonics, Inc.	05/12/2019	3903125	19892147.0	
3903376	2pi-Labs GmbH	18/12/2020	3903376	20824942.5	
3903498	HUAWEI TECHNOLOGIES CO., LTD.	12/02/2020	3903498	20766583.7	German
3904052	TOYOBO CO., LTD.	19/12/2019	3904052	19905465.1	
3905193	OMRON Corporation	14/11/2019	3905193	19904500.6	
3905419	Panasonic Energy Co., Ltd.	17/12/2019	3905419	19903543.7	
3905447	Neutrik AG	07/04/2021	3905447	21167180.5	
3906428	VOLKSWAGEN AKTIENGESELLSCHAFT AUDI AG	03/01/2020	3906428	20736121.3	
3907893	Dr. Ing. h.c. F. Porsche AG GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	02/01/2020	3907893	20748076.5	
3908111	Oro Agri Inc.	08/01/2020	3908111	20738766.3	
3908112	Oro Agri, Inc.	08/01/2020	3908112	20701886.2	
3908859	Geoquest Systems B.V.	07/01/2020	3908859	20738167.4	
3909465	FirstSpear, LLC	08/08/2012	3909465	21182220.0	French
3909700	BTM Company LLC	12/05/2021	3909700	21173475.1	
3911795	ISP Investments LLC	15/01/2020	3911795	20741517.5	
3912393	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	27/11/2019	3912393	19816908.8	
3912410	Telefonaktiebolaget LM Ericsson (publ)	16/01/2019	3912410	19701566.2	
3912527	SEB S.A.	18/05/2021	3912527	21174558.3	German
3913469	Fischer, Andreas	05/05/2021	3913469	21172187.3	
3913481	HYUNDAI MOTOR COMPANY Kia Corporation	20/11/2020	3913481	20208946.2	
3913805	Global Energy Interconnection Research Institute Co., Ltd	12/11/2019	3913805	19910433.2	German
3915309	State Grid Corporation of China QUALCOMM INCORPORATED	20/01/2020	3915309	20732338.7	
3915318	T-Mobile USA, Inc.	08/01/2020	3915318	20744356.5	
3915662	BSH Hausgeräte GmbH	30/04/2021	3915662	21171441.5	
3917187	HUAWEI TECHNOLOGIES CO., LTD.	26/04/2018	3917187	21161248.6	
3917867	Markmetall EZM Metallbearbeitung und Service GmbH	29/01/2020	3917867	20703402.6	German
3917926	Canwell Biotech Limited	28/01/2020	3917926	20747804.1	
3918138	Robert Bosch GmbH	22/01/2020	3918138	20701593.4	
3919485	Chia Tai Tianqing Pharmaceutical Group Co.,Ltd	31/01/2020	3919485	20749295.0	German
3919665	HAIER Germany GmbH	03/06/2020	3919665	20178081.4	
3920061	Bundesdruckerei GmbH	04/06/2021	3920061	21177754.5	
3920212	INTEL Corporation	30/12/2016	3920212	21188335.0	
3920626	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	12/01/2018	3920626	21187295.7	
3920834	Fab DT Limited	06/02/2020	3920834	20705485.9	French
3921798	Borea	04/02/2020	3921798	20702158.5	
3921810	ZF Friedrichshafen AG	05/02/2020	3921810	20703985.0	
3921941	Tencent America LLC	03/02/2021	3921941	21754661.3	
3922848	Ørsted Wind Power A/S	07/06/2021	3922848	21178071.3	
3923493	Huawei Technologies Co., Ltd.	18/03/2020	3923493	20778443.0	German
3923597	Huawei Technologies Co., Ltd.	21/01/2020	3923597	20791337.7	
3924559	IHC Holland IE B.V.	12/02/2020	3924559	20706076.5	
3924857	Nokia Technologies Oy	12/02/2019	3924857	19914704.2	
3925232	Microsoft Technology Licensing, LLC	23/01/2020	3925232	20705874.4	
3925362	QUALCOMM INCORPORATED	12/02/2020	3925362	20710699.8	

3925379	Nokia Technologies Oy	14/02/2019	3925379	19915561.5	
3926620	Autoneum Management AG	16/06/2020	3926620	20180308.7	
3926880	ZTE Corporation	11/12/2018	3926880	21182920.5	
3928240	Quantopticon Ltd.	21/02/2020	3928240	20715428.7	
3928423	Acuvi AB	21/02/2020	3928423	20759498.7	
3928581	QUALCOMM Incorporated	19/02/2020	3928581	20710749.1	
3929071	ACE E&T (ENGINEERING & TECHNOLOGY)	19/11/2019	3929071	19941209.9	
3929697	Samsung Display Co., Ltd.	13/05/2021	3929697	21173783.8	
3929907	Samsung Display Co., Ltd.	04/06/2021	3929907	21177758.6	
3930262	Huawei Technologies Co., Ltd.	27/03/2020	3930262	20787397.7	
3930401	QUALCOMM INCORPORATED	29/07/2014	3930401	21191421.3	
3931377	IP2IPO Innovations Limited	27/02/2020	3931377	20709678.5	
3931636	Exo Imaging Inc.	20/01/2021	3931636	21763985.5	
3931802	Koninklijke Philips N.V.	29/02/2020	3931802	20706527.7	
3931818	SLL Service GmbH	28/02/2020	3931818	20711767.2	German
3931866	ASML Netherlands B.V.	28/01/2020	3931866	20702117.1	
3931979	QUALCOMM INCORPORATED	28/02/2020	3931979	20714429.6	
3932170	Grimme Landmaschinenfabrik GmbH & Co. KG	01/07/2021	3932170	21183209.2	German
3932253	Lessmann GmbH	27/01/2021	3932253	21153680.0	German
3932350	Biosense Webster (Israel) Ltd.	29/06/2021	3932350	21182223.4	
3932649	Belkin International, Inc.	13/10/2014	3932649	21192646.4	
3932816	Comcer S.p.A.	29/06/2021	3932816	21182605.2	
3933467	Sterlite Technologies Limited	03/05/2021	3933467	21171825.9	
3933937	JINKO SOLAR CO., LTD.	28/08/2020	3933937	20193299.3	
3934503	Imbox Protection A/S	05/03/2020	3934503	20711045.3	
3934770	Electric Shuffle IP Limited	29/01/2020	3934770	20703812.6	
3935601	Samsung Electronics Co., Ltd.	05/08/2020	3935601	20850168.4	
3936030	von Lilienfeld-Toal, Sophie	07/07/2020	3936030	20184580.7	German
3937392	Nokia Technologies Oy	06/07/2020	3937392	20184224.2	
3937443	ZTE Corporation	06/03/2020	3937443	20767043.1	
3938863	Tooz Technologies GmbH	10/03/2020	3938863	20710897.8	
3939916	PRESEZZI EXTRUSION SPA	25/05/2021	3939916	21175705.9	
3940291	LG CHEM, LTD.	20/04/2020	3940291	20796215.0	
3941797	Sew-Eurodrive GmbH & Co. KG	20/02/2020	3941797	20706942.8	German
3941916	Emory University	19/03/2020	3941916	20774593.6	
3942529	Microsoft Technology Licensing, LLC	10/02/2020	3942529	20709446.7	
3943475	SABIC Global Technologies B.V.	07/08/2015	3943475	21197033.0	
3943599	Ningbo Kunpeng Biotech Co., Ltd.	18/03/2020	3943599	20774776.7	
3943816	GE Vernova Technology GmbH	14/07/2021	3943816	21185688.5	
3943886	Teseo S.r.l.	06/07/2021	3943886	21183950.1	
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3944063	Huawei Technologies Co., Ltd.	28/04/2020	3944063	20801546.1	
3945045	Ciommecalabria S.r.l.	02/08/2021	3945045	21189044.7	
3945194	SFS Group International AG	30/07/2020	3945194	20188762.7	
3945877	Nicoventures Trading Limited	18/03/2020	3945877	20715165.5	
3946001	University of Miami	26/03/2020	3946001	20777414.2	
3946004	Sunrise SA	27/03/2020	3946004	20712198.9	
3947344	Ospedale San Raffaele Srl	01/04/2020	3947344	20714233.2	
3947365	Bionomics Limited	30/10/2019	3947365	19826331.1	
3947404	The University of Sheffield	02/04/2020	3947404	20718740.2	
3948502	Blackmagic Design Pty Ltd	01/04/2020	3948502	20781753.7	
3948558	Texas Instruments Incorporated	30/03/2020	3948558	20783808.7	
3948596	Banks and Acquirers International Holding	24/03/2020	3948596	20711994.2	French
3948829	Kookaburra	27/03/2020	3948829	20713651.6	French
3950243	JAC S.A.	06/08/2021	3950243	21190048.5	French
3950244	Weber Food Technology SE & Co. KG	04/08/2021	3950244	21189661.8	German
3950359	Kyocera Corporation	17/03/2020	3950359	20778680.7	
3950543	Illinois Tool Works INC.	04/08/2020	3950543	20189305.4	German
3951444	Viavi Solutions Inc.	24/01/2019	3951444	21192023.6	

3951581	Wuxi Hisky Medical Technologies Co., Ltd.	09/01/2020	3951581	20777221.1	
3951671	BlackBerry Limited	19/05/2021	3951671	21174627.6	
3951882	Kunshan Go-Visionox Opto-Electronics Co., Ltd.	17/07/2020	3951882	20881840.1	
3952208	Deutsche Telekom AG	04/08/2020	3952208	20189303.9	
3952249	Huawei Technologies Co., Ltd.	26/05/2020	3952249	20813368.6	
3952597	VIVO MOBILE COMMUNICATION CO., LTD.	18/03/2020	3952597	20777701.2	
3952969	Hollister Incorporated	10/06/2020	3952969	20751365.6	
3952974	Hollister Incorporated	15/06/2020	3952974	20753492.6	
3953012	Cargill, Incorporated	06/04/2020	3953012	20722818.0	
3953779	Boston Dynamics, Inc.	23/08/2019	3953779	19766387.5	
3954300	Biosense Webster (Israel) Ltd.	23/05/2013	3954300	21180913.2	
3954941	LEEDARSON LIGHTING CO., LTD.	11/08/2021	3954941	21190884.3	
3955699	Airties SAS	11/05/2018	3955699	21192684.5	
3956473	Bio-Rad Laboratories, Inc.	16/03/2020	3956473	20791628.9	
3956701	TRUMPF Laser- und Systemtechnik SE	16/04/2020	3956701	20721464.4	German
3956921	Atmospheric Plasma Solutions, Inc.	16/04/2020	3956921	20791564.6	
3957057	Samsung Electronics Co., Ltd.	03/08/2020	3957057	20850846.5	
3957691	Evonik Operations GmbH	05/08/2021	3957691	21189762.4	German
3957976	Cellular Highways Ltd.	20/08/2020	3957976	20191979.2	
3958038	Siemens Mobility GmbH	21/08/2020	3958038	20192118.6	German
3958239	HONEYWELL AEROSPACE SAS	05/08/2021	3958239	21189984.4	
3958250	LG Display Co., Ltd.	10/08/2021	3958250	21190508.8	
3958395	Institute for Q-shu Pioneers of Space, Inc.	18/04/2019	3958395	19925492.1	
3958852	R.P. Scherer Technologies, LLC	22/04/2020	3958852	20794617.9	
3959532	Koninklijke Philips N.V.	16/04/2020	3959532	20722230.8	
3959755	Siemens Mobility GmbH	15/05/2020	3959755	20728981.0	German
3959779	Battelle Memorial Institute	24/04/2020	3959779	20724393.2	
3960668	Schneider Electric Industries SAS	28/08/2020	3960668	20305960.5	German
3960846	ENTEROBIOME INC.	26/06/2020	3960846	20936077.5	
3960984	Aerzener Maschinenfabrik GmbH	25/08/2020	3960984	20192639.1	German
3961046	FUJIFILM Corporation	24/03/2020	3961046	20796084.0	
3961397	Hitachi Energy Ltd	24/08/2020	3961397	20192451.1	
3961556	OMRON Corporation	12/06/2019	3961556	19932513.5	
3961578	The Boeing Company	12/08/2021	3961578	21191156.5	
3961717	BOE Technology Group Co., Ltd.	18/08/2021	3961717	21191964.2	
3961764	LG Energy Solution, Ltd.	25/08/2020	3961764	20860193.0	
3961838	Haltian Oy	28/08/2020	3961838	20193396.7	
3962017	HYUNDAI MOTOR COMPANY	24/04/2020	3962017	20795497.5	
	Kia Corporation				
	Myongji University Industry and Academia Cooperation Foundation				
3963619	Maschinenfabrik Reinhausen GmbH	23/04/2020	3963619	20721215.0	German
3964127	Huawei Technologies Co., Ltd.	20/06/2020	3964127	20830829.6	
3964369	ACPS Automotive GmbH	26/08/2021	3964369	21193278.5	German
3964616	NIKE Innovate C.V.	07/09/2017	3964616	21202168.7	
3965179	Samsung Display Co., Ltd.	17/08/2021	3965179	21191578.0	
3965181	LiCAP Technologies, Inc.	15/07/2021	3965181	21185758.6	
3965411	Jena Optronik GmbH	19/08/2021	3965411	21192209.1	German
3966599	Geoquest Systems B.V.	10/05/2019	3966599	19928720.2	
3967417	Amada Co., Ltd.	27/04/2020	3967417	20802239.2	
3967719	FRANKEN SYSTEMS GmbH	03/08/2021	3967719	21189387.0	German
3968056	Honeywell International Inc.	04/08/2021	3968056	21189734.3	
3968465	ArianeGroup SAS	23/08/2021	3968465	21192596.1	French
	Centre National de la Recherche Scientifique				
	Université de Rennes 1				
3968583	Huawei Technologies Co., Ltd.	26/05/2020	3968583	20819375.5	
3968657	D&M Holdings Inc.	30/03/2020	3968657	20801709.5	
3968792	Nicoventures Trading Limited	14/05/2020	3968792	20730391.8	

3968969	Evonik Operations GmbH	29/04/2020	3968969	20722988.1	French
3969213	SAFRAN AIRCRAFT ENGINES	15/05/2020	3969213	20737514.8	
3969834	Anduril Industries, Inc.	25/02/2020	3969834	20810065.1	
3969978	University of Pittsburgh - of the Commonwealth System of Higher Education	13/05/2020	3969978	20806243.0	
3970043	Huawei Technologies Co., Ltd.	31/05/2019	3970043	19729213.9	German
3971476	Paul Rauschert Steinbach GmbH	16/08/2021	3971476	21191478.3	
3971491	Beijing Xiaomi Mobile Software Co., Ltd.	28/01/2021	3971491	21153973.9	
3971656	The Swatch Group Research and Development Ltd	15/12/2020	3971656	20214330.1	French
3971749	xFusion Digital Technologies Co., Ltd.	03/09/2020	3971749	20865718.9	German
3972185	Datang Mobile Communications Equipment Co., Ltd.	08/08/2018	3972185	21206712.8	
3972253	HUAWEI TECHNOLOGIES CO., LTD.	11/06/2020	3972253	20868794.7	
3973115	Unilin, BV	15/05/2020	3973115	20731956.7	
3973303	Metrotech Corporation	22/05/2020	3973303	20809019.1	German
3973457	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. Universität des Saarlandes	09/03/2020	3973457	20709201.6	
3974095	Mutsuki Electric Co., Ltd.	07/08/2020	3974095	20936075.9	
3974796	LG Innotek Co., Ltd.	22/05/2020	3974796	20809616.4	
3975137	Aptiv Technologies AG	13/08/2021	3975137	21191288.6	German
3975689	Kverneland Group Ravenna S.r.l.	27/05/2020	3975689	20728230.2	
3976438	Siemens Mobility GmbH	15/06/2020	3976438	20763077.8	
3976870	Nike Innovate C.V.	29/05/2020	3976870	20746366.2	
3978496	Xizang Haisco Pharmaceutical Co., Ltd.	29/05/2020	3978496	20812992.4	German
3978522	Regeneron Pharmaceuticals, Inc.	02/05/2013	3978522	21194412.9	
3979242	AlphaTheta Corporation	31/05/2019	3979242	19930682.0	
3979243	AlphaTheta Corporation	31/05/2019	3979243	19930893.3	
3980219	Yang, Weikai Ye, Jingrong Florian, Timothy	22/04/2020	3980219	20818524.9	French
3981826	ENEOS Materials Corporation	05/06/2020	3981826	20823143.1	
3982078	Huanic Corporation	31/12/2019	3982078	19932062.3	
3982275	Tencent Technology (Shenzhen) Company Limited	28/05/2020	3982275	20818214.7	
3982573	Samsung Electronics Co., Ltd.	15/09/2021	3982573	21196857.3	French
3983024	The Procter & Gamble Company	11/06/2020	3983024	20751858.0	
3983287	AB Volvo Penta	11/06/2019	3983287	19932386.6	
3983425	BASF SE	09/06/2020	3983425	20730299.3	
3983655	SAFRAN AIRCRAFT ENGINES	27/05/2020	3983655	20728047.0	German
3984165	Samsung Electronics Co., Ltd.	06/08/2020	3984165	20850733.5	
3984453	i-Sens, Inc.	18/03/2020	3984453	20848138.2	
3984502	Howmedica Osteonics Corp.	12/10/2021	3984502	21202282.6	
3984865	LG Energy Solution, Ltd.	07/08/2020	3984865	20849612.5	German
3985421	Accelink Technologies Co., Ltd.	09/12/2019	3985421	19933303.0	
3985522	Samsung Electronics Co., Ltd.	23/07/2021	3985522	21187355.9	
3985550	BOE Technology Group Co., Ltd. Beijing BOE Display Technology Co., Ltd.	12/06/2019	3985550	19932487.2	
3986517	Löwenstein Medical Technology S.A.	18/05/2020	3986517	20728669.1	German
3986716	Esko Software BV	22/06/2020	3986716	20827635.2	
3986986	Aries Gasification, LLC	20/12/2019	3986986	19933933.4	
3987315	Université de Lorraine	18/06/2020	3987315	20732635.6	
3987731	Razer (Asia-Pacific) Pte. Ltd.	18/06/2019	3987731	19933397.2	German
3987834	Nokia Technologies OY	24/06/2019	3987834	19934414.4	
3988091	InFirst Healthcare Limited	08/08/2016	3988091	21214529.6	
3988390	Erwin Hymer Group SE	22/10/2021	3988390	21204348.3	
3988533	Evonik Operations GmbH	21/10/2020	3988533	20203065.6	German
3988853	Brother Kogyo Kabushiki Kaisha	23/01/2020	3988853	20839809.9	
3989333	LG Energy Solution, Ltd.	13/08/2020	3989333	20858696.6	
3989412	LG Electronics Inc.	11/08/2021	3989412	21190775.3	

3991996	Airbus Operations Limited	23/08/2021	3991996	21192517.7	German
3993399	Beijing Xiaomi Mobile Software Co., Ltd.	28/05/2021	3993399	21176604.3	
3994046	Siemens Mobility GmbH	12/08/2020	3994046	20764008.7	
3994300	Heathcoat Fabrics Limited	01/07/2020	3994300	20739437.0	
3994448	ABB SCHWEIZ AG	26/06/2020	3994448	20736279.9	
3994925	ZTE Corporation	04/07/2019	3994925	19936465.4	
3995035	Shenzhen Carku Technology Co., Limited	12/07/2021	3995035	21185144.9	
3995416	Beijing Geekplus Technology Co., Ltd.	18/08/2020	3995416	20891575.1	
3996091	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	15/07/2014	3996091	21212614.8	
3996250	DENSO CORPORATION	03/11/2021	3996250	21206127.9	
3997053	SABIC Global Technologies, B.V.	10/08/2020	3997053	20757676.0	
3997597	Entersekt International Limited	10/07/2020	3997597	20750735.1	
3997695	Samsung Electronics Co., Ltd.	27/08/2020	3997695	20860335.7	
3998078	Icahn School of Medicine at Mount Sinai	28/08/2010	3998078	21200695.1	
3998603	Genzyme Corporation				
3998603	Google LLC	04/08/2011	3998603	21207785.3	
3998738	Irdeto B.V.	26/08/2021	3998738	21193193.6	
3998923	Bemis Manufacturing Company	04/05/2020	3998923	20814239.8	
3998956	MAKO Surgical Corp.	09/07/2020	3998956	20840324.6	
4000203	Nokia Technologies Oy	15/07/2019	4000203	19773167.2	
4000310	Google LLC	11/08/2020	4000310	20761435.5	
4000351	Tridonic GmbH & Co KG	15/08/2019	4000351	19941734.6	
4000574	Burdeinyi, Vasyl Ivanovych	20/11/2019	4000574	19937440.6	
4001125	Lapada, Andrii Leonidovych				
4001125	The Boeing Company	31/08/2021	4001125	21194096.0	
4002208	NXP B.V.	20/11/2020	4002208	20208784.7	
4002271	Tencent Technology (Shenzhen) Company Limited	29/10/2020	4002271	20919226.9	
4003792	Shape Corp.	29/07/2020	4003792	20848089.7	
4003841	Airbus Operations Limited	17/08/2020	4003841	20764029.3	
4004352	RPM Industries, LLC	29/07/2020	4004352	20846604.5	
4004910	Sonos, Inc.	30/07/2020	4004910	20757152.2	
4005251	Samsung Electronics Co., Ltd.	25/08/2020	4005251	20881544.9	
4005324	Samsung Electronics Co., Ltd.	06/08/2020	4005324	20849325.4	
4005513	Shanghai Microport Rhythm Medtech Co., Ltd.	20/08/2020	4005513	20854433.8	
4006004	BHI Beauty & Health Investment Group Management GmbH	15/11/2021	4006004	21000329.9	
4006027	CGeneTech (Suzhou, China) Co., Ltd.	24/07/2020	4006027	20847841.2	
4006319	Samsung Heavy Ind. Co., Ltd.	28/08/2020	4006319	20860632.7	
4006424	Sharp Kabushiki Kaisha	27/07/2020	4006424	20846465.1	
4006516	Fluke Corporation	29/11/2021	4006516	21211147.0	
4006542	Verifood Ltd.	30/07/2014	4006542	21202477.2	
4006889	Zeon Corporation	02/07/2020	4006889	20847513.7	
4007074	Kyocera Corporation	21/07/2020	4007074	20844771.4	
4007195	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	14/08/2019	4007195	19941421.0	
4007242	Huawei Technologies Co., Ltd.	09/07/2018	4007242	21204674.2	
4008067	Planet Labs PBC	03/08/2020	4008067	20760659.1	
4008072	Panasonic Intellectual Property Corporation of America	10/06/2020	4008072	20731093.9	
4008589	HYUNDAI MOTOR COMPANY	09/08/2021	4008589	21190281.2	
4009828	Kia Corporation				German
4009828	Selle Royal Group S.p.A.	05/08/2020	4009828	20750771.6	
4009855	Aesculap AG	06/08/2020	4009855	20754219.2	
4009893	Ictero Medical, Inc.	07/08/2020	4009893	20761406.6	
4010240	Karbon Kinetics Limited	06/08/2020	4010240	20754805.8	
4010330	Hirundo Biosciences	07/08/2020	4010330	20751164.3	
4010688	Amgen Inc.	06/08/2020	4010688	20757804.8	
4010783	Essilor International	05/08/2020	4010783	20747439.6	
4010798	Lenze SE (Societas Europaea)	06/08/2020	4010798	20753733.3	

4010972	Hitachi Energy Ltd	05/08/2019	4010972	19752998.5	
4010978	Tesla, Inc.	03/08/2020	4010978	20757481.5	
4011238	Kao Corporation	04/08/2020	4011238	20852747.3	
4011334	Aesculap AG	09/12/2020	4011334	20212707.2	
4011647	The Goodyear Tire & Rubber Company	30/11/2021	4011647	21211335.1	
4012497	LG Electronics Inc.	07/08/2019	4012497	19940187.8	
4012542	Tencent Technology (Shenzhen) Company Limited	31/08/2021	4012542	21782632.0	
4012785	LG Display Co., Ltd.	12/11/2021	4012785	21207964.4	
4012803	Ningde Amperex Technology Limited	14/11/2019	4012803	19952437.2	
4012858	ABB Schweiz AG	14/12/2020	4012858	20213717.0	
4012861	Zurecon AG	11/12/2020	4012861	20213538.0	German
4013030	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	27/08/2019	4013030	19943025.7	
4013073	LG Electronics Inc.	09/08/2019	4013073	19941646.2	
4013085	Google LLC	09/12/2019	4013085	22155621.0	
4013355	Edwards Lifesciences Corporation	10/08/2020	4013355	20761062.7	
4013481	Neuroone Medical Technologies Corporation	12/08/2020	4013481	20852457.9	
4013583	HOMAG GmbH	14/08/2020	4013583	20760400.0	German
4013628	Qemetica S.A.	13/08/2020	4013628	20761962.8	
4014116	Telefonaktiebolaget LM Ericsson (publ)	15/08/2019	4014116	19786661.9	
4014240	Smart Reporting GmbH	12/08/2019	4014240	19755862.0	
4014273	Blue Current, Inc.	14/08/2020	4014273	20854194.6	
4014308	VESTAS WIND SYSTEMS A/S	12/08/2020	4014308	20757525.9	
4014410	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	15/08/2020	4014410	20760923.1	
4014690	Telefonaktiebolaget LM Ericsson (publ.)	10/08/2020	4014690	20855082.2	
4015159	Yujin Robot Co., Ltd.	17/07/2020	4015159	20840775.9	
4015352	Miele & Cie. KG	17/12/2020	4015352	20215072.8	
4016254	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	07/07/2020	4016254	20855050.9	
4016258	BOE Technology Group Co., Ltd.	12/08/2019	4016258	19933244.6	
	Chengdu BOE Optoelectronics Technology Co., Ltd.				
4016515	LG Display Co., Ltd.	14/12/2021	4016515	21214257.4	
4016558	Fujian Golden Dragon Rare-Earth Co., Ltd.	07/07/2020	4016558	20889535.9	
4016927	Avaya Management L.P.	15/12/2021	4016927	21214659.1	
4017048	NTT DOCOMO, INC.	15/08/2019	4017048	19941202.4	
4017172	ZTE Corporation	12/08/2020	4017172	20852538.6	
4017418	Alcon Inc.	21/08/2020	4017418	20764783.5	
4017451	Gechev, Antonin Georgiev	19/08/2020	4017451	20768245.1	
4017564	D. Wheatley Enterprises, Inc.	20/08/2020	4017564	20854536.8	
4017576	Advanced Bionics AG	22/08/2020	4017576	20764473.3	
4017683	Diamabrush LLC	18/08/2020	4017683	20764522.7	
4017741	FineLine Technologies	21/08/2020	4017741	20854672.1	
4017764	Webasto SE	11/08/2020	4017764	20764301.6	German
4017847	FMC CORPORATION	19/08/2020	4017847	20765410.4	
	FMC IP Technology GmbH				
4018229	Fisba AG	23/06/2020	4018229	20734187.6	German
4018382	Google LLC	21/08/2020	4018382	20775092.8	
4018446	Micron Technology, Inc.	11/08/2020	4018446	20764187.9	
4018599	Telefonaktiebolaget LM Ericsson (publ)	23/08/2019	4018599	19762497.6	
4018700	Landis+Gyr Technology, Inc.	12/08/2020	4018700	20764197.8	
4018784	Samsung Electronics Co., Ltd.	15/01/2021	4018784	21740938.2	
4019264	Dai Nippon Printing Co., Ltd.	24/08/2020	4019264	20854228.2	
4019351	Guangzhou Xiaopeng Autopilot Technology Co., Ltd.	17/11/2021	4019351	21208728.2	
4019389	Manfrinato Cambria, Luciana Christina	22/08/2019	4019389	19942428.4	
4019829	Ichikoh Industries, Ltd.	20/08/2020	4019829	20854882.6	
4020258	BRIGHT DATA LTD.	16/08/2018	4020258	22156771.2	

4020945	Huawei Technologies Co., Ltd.	23/07/2020	4020945	20862635.8	
4021186	UniferX International GmbH	28/08/2020	4021186	20771426.2	German
4021298	VOLKSWAGEN AKTIENGESELLSCHAFT	10/06/2020	4021298	20735066.1	German
4021533	Solstice Pharmaceuticals B.V.	26/08/2019	4021533	19787489.4	
4021549	HOLLISTER INCORPORATED	27/08/2020	4021549	20771391.8	
4021756	KOSTAL Automobil Elektrik GmbH & Co. KG	26/08/2020	4021756	20761834.9	German
4022206	Serdar Plastik Sanayi ve Ticaret Anonim Sirketi	01/09/2020	4022206	20855929.4	
4022230	Bartz, Jürgen	27/08/2019	4022230	19761812.7	German
4022435	Google LLC	21/01/2021	4022435	21706086.2	
4022437	Microsoft Technology Licensing, LLC	12/06/2020	4022437	20751748.3	
4022522	Lodestar Licensing Group LLC	27/08/2020	4022522	20858129.8	
4022622	Amgen Inc.	25/08/2020	4022622	20767683.4	
4022890	ams Sensors Germany GmbH	26/08/2020	4022890	20764075.6	
4023529	OGNIBENE POWER S.P.A.	17/12/2021	4023529	21215429.8	
4024160	Good Way Technology Co., Ltd.	04/08/2021	4024160	21189703.8	
4024185	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	18/08/2020	4024185	20859065.3	
4024360	Hangzhou Tuya Information Technology Co., Ltd.	07/12/2021	4024360	21212836.7	
4024839	Huawei Technologies Co., Ltd.	15/07/2020	4024839	20869802.7	
4024936	NTT DOCOMO, INC.	26/08/2019	4024936	19943153.7	
4025176	Beiersdorf AG	04/09/2019	4025176	19765440.3	
4025352	DYCONEX AG	04/08/2020	4025352	20747429.7	German
4025824	Advanced Flow Solutions, Inc.	18/08/2020	4025824	20860213.6	
4025880	Endress+Hauser Flowtec AG	20/08/2020	4025880	20760816.7	German
4026414	KUBOTA CORPORATION	28/08/2020	4026414	20860895.0	
4026968	Latch Systems, Inc.	16/06/2021	4026968	21179886.3	
4027676	Huawei Technologies Co., Ltd.	24/01/2017	4027676	21202807.0	
4027976	BIOVERSYS AG	03/08/2020	4027976	20768379.8	
4028072	Fresenius Medical Care Holdings, Inc.	13/08/2020	4028072	20764495.6	
4028953	Microsoft Technology Licensing, LLC	12/06/2020	4028953	20751756.6	
4030313	Sage Global Services Limited	13/01/2021	4030313	21151432.8	
4030508	Panasonic Holdings Corporation	28/08/2020	4030508	20862903.0	
4030592	Minebea Mitsumi Inc.	17/08/2020	4030592	20862347.0	
4030739	HUAWEI TECHNOLOGIES CO., LTD.	12/10/2020	4030739	20878300.1	
4032958	AGFA-GEVAERT NV	25/01/2021	4032958	21153139.7	
4033338	LG Display Co., Ltd.	17/12/2021	4033338	21215428.0	
4033681	Juniper Networks, Inc.	31/08/2018	4033681	22162542.9	
4033798	ZTE Corporation	12/08/2020	4033798	20866491.2	
4034069	L'OREAL	24/09/2020	4034069	20828697.1	
4035313	Genetec Inc.	20/05/2020	4035313	20868849.9	
4035872	Daikin Industries, Ltd.	04/08/2020	4035872	20869961.1	
4036551	LG Energy Solution, Ltd.	24/12/2020	4036551	20922682.8	
4036885	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	02/02/2021	4036885	21154793.0	
4036910	Google LLC	21/08/2018	4036910	22163684.8	
4037454	Fuji Corporation	24/09/2019	4037454	19947065.9	
4038409	Cognitive Systems Corp.	07/08/2020	4038409	20872915.2	
4038444	CooperVision International Limited	14/10/2020	4038444	20793778.0	
4038490	Microsoft Technology Licensing, LLC	18/08/2020	4038490	20761729.1	
4038514	Anaplan, Inc.	02/10/2020	4038514	20797311.6	
4038579	Tencent America LLC	15/06/2021	4038579	21873120.6	
4039104	Mizkan Holdings Co., Ltd.	03/07/2020	4039104	20880430.2	
4039130	Brivaplast S.r.l.	03/02/2022	4039130	22154913.2	
4040141	ISHIDA CO., Ltd.	14/07/2020	4040141	20868778.0	
4040413	Carrier Corporation	02/02/2022	4040413	22154848.0	
4040462	ABB Schweiz AG	08/02/2021	4040462	21155765.7	
4040853	Huawei Technologies Co., Ltd.	12/10/2020	4040853	20884863.0	

4041795	Cromogenia Units, S.A. Universitat Rovira I Virgili	30/09/2020	4041795	20780219.0	
4042088	KNDS France	06/10/2020	4042088	20800714.6	French
4042517	Molex, LLC	24/09/2020	4042517	20874175.1	
4042701	Tencent America LLC	05/08/2021	4042701	21876178.1	
4043656	Carrette, Christophe	04/02/2022	4043656	22155137.7	French
4043664	Unilin, BV	03/11/2017	4043664	22166945.0	
4044122	Tencent Technology (Shenzhen) Company Limited	12/05/2021	4044122	21822842.7	
4044284	LG Energy Solution, Ltd. Seoul National University R & DB Foundation	04/08/2021	4044284	21856126.4	
4044564	LG Electronics Inc.	03/08/2020	4044564	20870239.9	
4045739	Kreepy Krauly Australia Pty Ltd	16/10/2020	4045739	20877537.9	
4046678	Abiomed, Inc.	13/05/2015	4046678	22165012.0	
4046797	Taghleef Industries Inc.	23/02/2022	4046797	22158354.5	
4046818	IVECO S.P.A.	13/10/2020	4046818	20877764.9	
4046864	VOLKSWAGEN AG	22/02/2022	4046864	22157864.4	German
4047433	Siemens Aktiengesellschaft	23/02/2021	4047433	21158798.5	German
4047934	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	19/08/2020	4047934	20877202.0	
4048059	LG Electronics Inc.	12/08/2020	4048059	20878924.8	
4048060	LG Electronics Inc.	19/08/2020	4048060	20878261.5	
4049070	ConocoPhillips Company	21/10/2020	4049070	20878317.5	
4049228	Baker Hughes Oilfield Operations LLC	21/10/2020	4049228	20878563.4	
4049236	Huawei Technologies Co., Ltd.	14/11/2019	4049236	19805256.5	
4049289	Dental Monitoring	21/10/2020	4049289	20790339.4	French
4049416	Cisco Technology, Inc.	13/10/2020	4049416	20800484.6	
4049687	Ethicon LLC	28/10/2016	4049687	22167782.6	
4050289	Liebherr-Hausgeräte Ochsenhausen GmbH	21/02/2022	4050289	22157657.2	German
4050511	Tencent Technology (Shenzhen) Company Limited	26/05/2021	4050511	21832144.6	
4050630	GS Yuasa International Ltd.	22/10/2020	4050630	20878174.0	
4050885	Samsung Electronics Co., Ltd.	03/08/2021	4050885	21189352.4	
4051204	Aviv Scientific Ltd	28/10/2020	4051204	20807521.8	
4051564	Texa Dynamics S.R.L.	25/10/2020	4051564	20808508.4	
4051686	ExxonMobil Chemical Patents Inc.	04/08/2020	4051686	20882399.7	
4051911	Robert Bosch GmbH	20/10/2020	4051911	20793664.2	German
4052055	Tavrida Electric Holding AG	27/10/2020	4052055	20797748.9	
4053272	CJ Cheiljedang Corporation	25/11/2020	4053272	20894823.2	
4053471	Murata Manufacturing Co., Ltd.	13/08/2020	4053471	20907429.3	
4053820	TOYOTA JIDOSHA KABUSHIKI KAISHA	01/02/2022	4053820	22154459.6	
4053837	Puzzle Ai Co., Ltd.	05/08/2020	4053837	20880679.4	
4054169	Canon Kabushiki Kaisha	29/10/2020	4054169	20881105.9	
4054286	Huawei Technologies Co. Ltd.	10/12/2019	4054286	19955653.1	
4054325	AGCO International GmbH	16/10/2020	4054325	20797874.3	
4054829	Bridgestone Bandag, LLC	04/11/2020	4054829	20884165.0	
4054902	Bambino Prezioso Switzerland AG	10/11/2020	4054902	20804517.9	
4055894	Telefonaktiebolaget LM Ericsson (publ)	06/11/2020	4055894	20807509.3	
4056331	Siemens Aktiengesellschaft	11/03/2021	4056331	21162017.4	German
4056750	LG Electronics Inc.	09/03/2022	4056750	22160963.9	
4057240	Brink's Network Inc.	26/08/2020	4057240	22170588.2	
4057243	ANGEL GROUP CO., LTD.	11/03/2022	4057243	22161534.7	
4058102	SHL Medical AG	13/10/2020	4058102	20789606.9	
4058357	Aviation Works Limited	10/11/2020	4058357	20801286.4	
4058597	The Trustees of Columbia University in the City of New York	13/11/2020	4058597	20887151.7	
4058986	BASF Coatings GmbH	12/11/2020	4058986	20803850.5	
4059114	GE Hybrid Technologies, LLC	10/11/2020	4059114	20820614.4	
4059652	POSCO	13/11/2020	4059652	20888606.9	

4060920	Robert Bosch GmbH	14/02/2020	4060920	22168279.2	
4062206	Lockheed Martin Corporation	28/10/2020	4062206	20890424.3	
4062995	Parker-Hannifin Corporation	06/08/2019	4062995	22174052.5	
4064610	Fujifilm Business Innovation Corp.	24/08/2021	4064610	21192708.2	
4064636	Worldgrid France SAS	24/03/2021	4064636	21305364.8	French
4064833	DeLaval Holding AB	24/11/2020	4064833	20819911.7	
4065514	thyssenkrupp Uhde GmbH thyssenkrupp AG	23/11/2020	4065514	20812015.4	German
4066018	Spaceopal GmbH Deutsches Zentrum für Luft- und Raumfahrt e.V. DLR Gesellschaft für Raumfahrtanwendungen mbH	16/11/2020	4066018	20804283.8	
4066337	Comrod AS	26/11/2020	4066337	20893303.6	
4067228	Airbus Operations Limited	17/03/2022	4067228	22162791.2	
4067857	Tianjin Emaging Technology Co., Ltd.	02/08/2021	4067857	21859318.4	
4068399	Oki Electric Industry Co., Ltd.	14/12/2021	4068399	21214544.5	
4068913	HENSOLDT Sensors GmbH	31/03/2021	4068913	21166339.8	German
4069255	University of Massachusetts	04/12/2020	4069255	20897387.5	
4069438	Sofwave Medical Ltd.	03/12/2020	4069438	20895471.9	
4069579	Coefficient Cycling LLC	04/12/2020	4069579	20896935.2	
4069630	Commissariat à l'Energie Atomique et aux Energies Alternatives	30/11/2020	4069630	20828659.1	French
4069688	Syngenta Crop Protection AG	04/12/2020	4069688	20816989.6	
4070539	Sony Semiconductor Solutions Corporation	25/11/2020	4070539	20824698.3	
4071345	Koturbach, Ivan Ivanovich	05/02/2021	4071345	21729789.4	
4071378	Special Springs S.r.l.	04/04/2022	4071378	22166559.9	
4071415	Hitachi Global Life Solutions, Inc.	04/12/2019	4071415	19954717.5	
4071578	Hangzhou Ezviz Software Co., Ltd.	02/12/2020	4071578	20895368.7	
4072088	Sanechips Technology Co., Ltd.	27/08/2020	4072088	20897338.8	
4072668	Elektro Beijing Medical Systems Co., Ltd	26/11/2020	4072668	20898929.3	
4072787	Hilti Aktiengesellschaft	25/11/2020	4072787	20808459.0	German
4073772	Verisure Sàrl	07/12/2020	4073772	20820901.5	
4074884	De' Longhi Appliances S.r.l. Con Unico Socio	15/04/2022	4074884	22168664.5	
4075460	Panasonic Intellectual Property Management Co., Ltd.	10/12/2020	4075460	20898724.8	
4075846	InterDigital Patent Holdings, Inc.	31/03/2017	4075846	22177907.7	
4076116	Bernier, Gilbert	14/12/2020	4076116	20845164.1	French
4076152	NuVasive, Inc.	18/12/2020	4076152	20838473.5	
4077526	Saes Getters S.p.A.	29/07/2021	4077526	21758064.6	
4079093	Sharp Kabushiki Kaisha	31/12/2020	4079093	20910099.9	
4079181	adidas AG	21/12/2018	4079181	22178967.0	
4079311	Nuvamid SA	20/04/2021	4079311	21169363.5	
4079527	Unilin, BV	21/04/2021	4079527	21169637.2	
4079782	Asahi Kasei Kabushiki Kaisha	20/04/2022	4079782	22168999.5	
4080288	UI Technologies, Inc.	24/08/2021	4080288	21192772.8	
4080771	STMicroelectronics S.r.l.	21/03/2022	4080771	22163260.7	
4080781	NXP B.V.	23/04/2021	4080781	21170315.2	
4080876	Teleste Networks Oy	31/03/2022	4080876	22165776.0	
4081737	Fives Pillard	22/12/2020	4081737	20851288.9	French
4082273	ZTE Corporation	15/05/2020	4082273	20896718.2	
4082598	Surmodics, Inc.	13/12/2017	4082598	22180549.2	
4082631	MURER-Feuerschutz GmbH	21/04/2022	4082631	22169231.2	German
4083163	NITTA DuPont Incorporated	13/10/2020	4083163	20906184.5	
4083614	Sesotec GmbH	29/04/2021	4083614	21171124.7	German
4083783	Hitachi, Ltd.	19/11/2020	4083783	20908115.7	
4084076	Sony Semiconductor Solutions Corporation	14/12/2020	4084076	20908136.3	
4084160	Toyota Shatai Kabushiki Kaisha	07/08/2020	4084160	20905778.5	
4084348	Huawei Technologies Co., Ltd.	19/01/2021	4084348	21743724.3	
4084448	Sony Group Corporation	04/07/2011	4084448	22172960.1	
4084721	Auris Health, Inc.	14/12/2020	4084721	20910116.1	

4085357	Microsoft Technology Licensing, LLC	24/11/2020	4085357	20828411.7	French
4086386	Institut Français Textile & Habillement (IFTH)	12/04/2022	4086386	22167820.4	
	Rescoll				
4086643	LG Energy Solution, Ltd.	17/08/2021	4086643	21858560.2	French
4086812	Brunel University London	26/04/2022	4086812	22275052.3	
4086814	Panasonic Intellectual Property Corporation of America	17/12/2020	4086814	20910646.7	
4086960	Changxin Memory Technologies, Inc.	10/08/2021	4086960	21908076.9	French
4087040	LG Energy Solution, Ltd.	13/08/2021	4087040	21856302.1	
4087188	Vivo Mobile Communication Co., Ltd.	31/12/2020	4087188	20909638.7	
4087316	Huawei Technologies Co., Ltd.	23/01/2020	4087316	20915997.9	French
4088168	Universal City Studios LLC	10/01/2020	4088168	20703907.4	
4088672	Wright Medical Technology, Inc.	24/10/2018	4088672	22181348.8	
4088678	Covidien LP	13/05/2022	4088678	22173358.7	French
4088991	FERRARI S.p.A.	09/05/2022	4088991	22172320.8	
4089772	HYUNDAI MOTOR COMPANY	25/10/2021	4089772	21204363.2	
	Kia Corporation				French
4090068	ZTE Corporation	09/08/2021	4090068	21855488.9	
4090561	VOLVO TRUCK CORPORATION	15/01/2020	4090561	20701407.7	
4090876	Macnaught PTY Ltd	15/12/2020	4090876	20913099.6	French
4091647	Bellco S.r.l.	17/05/2021	4091647	21174181.4	
4091692	MANN+HUMMEL GmbH	21/05/2021	4091692	21175337.1	
4091909	Nio Technology (Anhui) Co., Ltd	30/03/2022	4091909	22165481.7	French
4092074	Jin Ya Dian Technology Co., Ltd.	11/11/2021	4092074	21207672.3	
4092390	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	21/12/2020	4092390	20907452.5	
4092935	Godo Kaisha IP Bridge 1	07/08/2008	4092935	22183821.2	German
4093647	ALSTOM Holdings	21/01/2021	4093647	21701309.3	
4094234	Kurz Digital Solutions GmbH & Co. KG	14/01/2021	4094234	21700712.9	
	OVD Kinegram AG				German
4094458	Huawei Technologies Co., Ltd.	12/03/2020	4094458	20774085.3	
4094605	Japan Tobacco Inc.	24/10/2017	4094605	22184945.8	
4095097	Universidad De Malaga	22/01/2021	4095097	21744177.3	French
4095174	Lg Chem, Ltd.	19/08/2021	4095174	21882986.9	
4095675	SPINNION	17/05/2022	4095675	22173828.9	
4095838	BIC Violex Single Member S.A.	27/05/2021	4095838	21176282.8	French
4097247	The Regents of The University of Michigan	28/01/2021	4097247	21748177.9	
4099367	NXP USA, Inc.	24/05/2022	4099367	22175069.8	
4099578	Huawei Technologies Co., Ltd.	27/10/2018	4099578	22175749.5	German
4099673	Canon Kabushiki Kaisha	18/12/2015	4099673	22182171.3	
4099955	Edwards Lifesciences Corporation	19/03/2021	4099955	21718385.4	
4100710	Inficon GmbH	12/01/2021	4100710	21700850.7	German
4100954	Koninklijke Philips N.V.	27/01/2021	4100954	21703164.0	
4101207	Apple Inc.	11/03/2021	4101207	21715729.6	
4101241	QUALCOMM INCORPORATED	01/02/2021	4101241	21717588.4	German
4101407	Osstem Implant Co., Ltd.	28/01/2021	4101407	21750824.1	
4101510	Dräger Safety AG & Co. KGaA	04/11/2015	4101510	22188056.0	
4101781	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.	02/02/2021	4101781	21750975.1	German
4102745	Huawei Technologies Co., Ltd.	05/03/2021	4102745	21763986.3	
4103055	Stryker Corporation	13/05/2021	4103055	21729745.6	
4103120	The Procter & Gamble Company	11/02/2021	4103120	21710692.1	German
4104086	Google LLC	23/06/2021	4104086	21742635.2	
4104145	Magic Leap, Inc.	11/02/2021	4104145	21753910.5	
4104801	Edwards Lifesciences Corporation	27/04/2009	4104801	22189112.0	German
4104907	AVL List GmbH	15/06/2022	4104907	22179274.0	
4104938	LG Energy Solution, Ltd.	25/08/2021	4104938	21872741.0	
4106065	LG Energy Solution, Ltd.	25/08/2021	4106065	21872739.4	German
4106216	VOLKSWAGEN AG	14/06/2021	4106216	21179249.4	
	Seat, S.A.				

4106578	Fjord, Inc.	06/12/2021	4106578	21912261.1	
4106583	ECOFOLD S.A.	21/10/2020	4106583	20797073.2	
4106617	Abbott Diabetes Care Inc.	19/02/2021	4106617	21756503.5	
4106868	Elekta Limited	22/02/2021	4106868	21707932.6	
4106884	XDEEP Spolka z ograniczona odpowiedzialnoscia	05/01/2021	4106884	21757949.9	
4107322	Aladdin Manufacturing Corporation	16/02/2021	4107322	21711103.8	
4107934	Tencent America LLC	14/03/2022	4107934	22768157.4	
4108063	CLAAS Selbstfahrende Erntemaschinen GmbH	16/02/2022	4108063	22156918.9	German
4108304	INTERACT Co., Ltd	29/10/2021	4108304	21205428.2	
4108346	LG Energy Solution, Ltd.	30/11/2021	4108346	21915545.4	
4108374	LG Energy Solution, Ltd.	23/08/2021	4108374	21882990.1	
4108485	VOLVO TRUCK CORPORATION	08/06/2022	4108485	22177823.6	
4109173	Sony Semiconductor Solutions Corporation	10/02/2021	4109173	21756988.8	
4109420	Conduent Business Services, LLC	25/06/2021	4109420	21290041.9	
4109766	Huawei Technologies Co., Ltd.	01/03/2021	4109766	21781171.0	
4109791	Huawei Technologies Co., Ltd.	15/01/2021	4109791	21767346.6	
4110496	Mach Technologies	26/02/2021	4110496	21760423.0	
4110688	Stellantis Auto SAS	27/01/2021	4110688	21707326.1	French
4110961	Ustav termomechaniky AV CR, v.v.i.	26/02/2021	4110961	21724182.7	
4111794	QUALCOMM INCORPORATED	21/01/2021	4111794	21706084.7	
4112856	C. Ed. Schulte Gesellschaft mit beschränkter Haftung Zylinderschlossfabrik	29/06/2022	4112856	22181804.0	German
4113180	Q.ant GmbH	03/06/2022	4113180	22177161.1	German
4113338	Bull SAS	30/06/2021	4113338	21182975.9	
4113382	Samsung Electronics Co., Ltd.	10/08/2021	4113382	21869543.5	
4113519	Samsung Electronics Co., Ltd.	29/06/2022	4113519	22181778.6	
4113551	Nichicon Corporation	11/03/2021	4113551	21775757.4	
4114313	Shifamed Holdings, LLC	03/03/2021	4114313	21765014.2	
4114357	Shanghai Aucta Pharmaceuticals Co., Ltd.	23/06/2020	4114357	20922642.2	
4114518	Carthera	02/03/2021	4114518	21708017.5	French
4115296	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	04/03/2020	4115296	20710633.7	
4115399	Assi Global Limited	22/02/2021	4115399	21708347.6	
4115841	Wright Medical Technology, Inc.	15/06/2022	4115841	22179230.2	
4116506	Sany Heavy Machinery Limited	28/02/2022	4116506	22773393.8	
4116517	VKR Holding A/S	04/07/2022	4116517	22182729.8	
4116681	Rausch Rehab GmbH	14/06/2022	4116681	22178841.7	German
4117010	Zhejiang Chint Electrics Co., Ltd.	12/02/2021	4117010	21765252.8	
4117207	Rockwell Collins, Inc.	09/07/2021	4117207	21425033.4	
4117254	Samsung Electronics Co., Ltd.	25/01/2013	4117254	22192499.6	
4117287	Dolby Laboratories Licensing Corporation	20/06/2012	4117287	22192720.5	
4117504	Leica Microsystems NC, Inc.	09/03/2021	4117504	21715094.5	
4118516	Société BIC	05/03/2021	4118516	21716063.9	
4118815	Samsung Electronics Co., Ltd.	13/08/2021	4118815	21856296.5	
4118988	Japan Tobacco Inc.	22/06/2018	4118988	22193134.8	
4119124	Vektor Pharma TF GmbH	14/07/2021	4119124	21185640.6	
4119544	QGenetics Co., Ltd.	05/03/2021	4119544	21769033.8	
4120646	Beijing Xiaomi Mobile Software Co., Ltd.	09/03/2020	4120646	20923867.4	
4120792	Samsung Electronics Co., Ltd.	23/02/2021	4120792	21768261.6	
4120925	Cilag GmbH International	23/02/2022	4120925	22707860.7	
4121261	Hybrid Razor Ltd.	15/03/2021	4121261	21771686.9	
4122169	Samsung Electronics Co., Ltd.	22/04/2021	4122169	21793100.5	
4123340	Casio Computer Co., Ltd.	03/02/2021	4123340	21772115.8	
4124033	VitreaLab GmbH	23/07/2021	4124033	21187482.1	
4124467	Unilin, BV	30/07/2021	4124467	21188714.6	
4124493	Huawei Digital Power Technologies Co., Ltd.	29/07/2022	4124493	22187710.3	
4125059	FUJITSU LIMITED	11/07/2022	4125059	22184119.0	
4125129	Nexperia B.V.	29/07/2021	4125129	21188591.8	
4125191	General Electric Renovables España S.L.	28/07/2021	4125191	21382701.7	

4125617	Boston Scientific Scimed, Inc.	23/03/2021	4125617	21718444.9	
4125802	MetrioPharm AG	24/03/2021	4125802	21714312.2	
4126332	Firmenich SA	24/03/2021	4126332	21713418.8	
4126389	Stamford Devices Limited	22/03/2021	4126389	21712858.6	
4126790	Universite Brest Bretagne Occidentale	30/03/2021	4126790	21715273.5	French
4127025	BASF SE	24/03/2021	4127025	21713044.2	
4127991	Mobileye Vision Technologies Ltd.	31/03/2021	4127991	21725807.8	
4128445	Amphenol-Tuchel Electronics GmbH	17/03/2021	4128445	21713903.9	German
4128489	SAFRAN AIRCRAFT ENGINES	26/03/2021	4128489	21720801.6	French
4128550	NIR S.R.L.	18/03/2021	4128550	21718185.8	
4129089	Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences	23/07/2021	4129089	21806127.3	
4129682	ECO3 BV	05/08/2021	4129682	21189907.5	
4129709	Giesecke+Devrient Currency Technology GmbH	04/08/2021	4129709	21189708.7	
4129900	Panasonic Intellectual Property Management Co., Ltd.	18/12/2020	4129900	20929104.6	
4130197	ADEKA CORPORATION	31/03/2021	4130197	21779179.7	
4130395	SUMITOMO HEAVY INDUSTRIES, LTD.	27/03/2020	4130395	20927716.9	
4130828	Prysmian S.p.A.	01/08/2022	4130828	22188032.1	
4130851	Beijing Unicorn Technology Co., Ltd.	17/03/2021	4130851	21780951.6	
4131180	Volkswagen Group of America Investments, LLC	04/08/2022	4131180	22188874.6	
4131231	Samsung Display Co., Ltd.	03/08/2022	4131231	22188538.7	
4131409	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	07/02/2021	4131409	21923817.7	
4131647	Aptiv Technologies AG	06/08/2021	4131647	21190101.2	
4131802	Huawei Technologies Co., Ltd.	29/04/2021	4131802	21795718.2	
4132035	Huawei Technologies Co., Ltd.	02/03/2021	4132035	21793207.8	
4132068	Mavenir Systems, Inc.	01/08/2022	4132068	22188106.3	
4132445	PRO Medicare S.r.l.	07/04/2021	4132445	21723370.9	
4133186	Woodward, Inc.	08/04/2021	4133186	21722680.2	
4133687	Telefonaktiebolaget LM ERICSSON (PUBL)	04/03/2021	4133687	21710249.0	
4133824	InterDigital Patent Holdings, Inc.	08/04/2021	4133824	21722066.4	
4133880	QUALCOMM Incorporated	25/03/2021	4133880	21718783.0	
4134001	Huawei Technologies Co., Ltd.	25/04/2021	4134001	21796316.4	
4134006	Biosense Webster (Israel) Ltd.	11/08/2022	4134006	22189865.3	
4134109	Biotyx Medical (Shenzhen) Co., Ltd.	07/04/2021	4134109	21785225.0	
4134194	Matair	10/08/2021	4134194	21190696.1	French
4134491	Jiangsu XCMG Construction Machinery Research Institute Ltd.	26/04/2021	4134491	21763932.7	
4134576	FOCUS-ON V.O.F.	13/08/2021	4134576	21191276.1	German
4134820	Vivo Mobile Communication Co., Ltd.	06/04/2021	4134820	21785138.5	
4134906	Dotphoton AG	13/08/2021	4134906	21191349.6	
4134924	Infineon Technologies AG	12/08/2021	4134924	21190926.2	
4134985	Shanghai XPT Technology Limited Suzhou Jufeng Electrical Insulation System Co., Ltd.	12/08/2022	4134985	22190156.4	
4135046	Samsung Display Co., Ltd.	11/08/2022	4135046	22190007.9	
4135194	Socionext Inc.	13/08/2021	4135194	21191384.3	
4135562	Alcon Inc.	08/04/2021	4135562	21719271.5	
4135644	The Florida State University Research Foundation, Inc.	19/04/2021	4135644	21788328.9	
4136310	Louwer-Lite Limited	16/04/2021	4136310	21723859.1	
4136617	Koninklijke Philips N.V.	12/04/2021	4136617	21717089.3	
4136903	ZTE Corporation	14/05/2020	4136903	20897234.9	
4137203	Sedic, Filip	14/11/2018	4137203	22200972.2	
4137369	A. Raymond et Cie	16/08/2022	4137369	22190556.5	
4137434	KONE Corporation	11/08/2022	4137434	22189960.2	

4137439	Jungheinrich Aktiengesellschaft	03/08/2022	4137439	22188526.2	German
4137468	Honor Device Co., Ltd.	28/04/2022	4137468	22773381.3	
4137849	Leica Geosystems AG	20/08/2021	4137849	21192425.3	
4137944	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	14/05/2021	4137944	21803957.6	
4138214	Anhui Huami Health Technology Co., Ltd.	03/06/2021	4138214	21817560.2	
4138464	Samsung Electronics Co., Ltd.	30/08/2016	4138464	22201279.1	
4138721	Scherer, Johannes	31/03/2021	4138721	21722753.7	German
4138828	MONTEFARMACO OTC S.p.A. Graal S.r.l.	20/04/2021	4138828	21725987.8	
4138962	Fresenius Kabi Deutschland GmbH	22/04/2021	4138962	21720275.3	German
4138989	Advanced Bionics AG	23/04/2020	4138989	20728254.2	
4139163	Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Coburg	21/04/2021	4139163	21721439.4	German
4139608	HELLA GMBH & CO. KGAA	22/04/2020	4139608	20721191.3	
4140112	Telefonaktiebolaget LM Ericsson (publ)	24/04/2020	4140112	20721572.4	
4140828	Autoliv ASP, Inc.	12/08/2022	4140828	22190319.8	
4140925	CHIRON Group SE	26/08/2022	4140925	22192309.7	German
4141146	Panasonic Intellectual Property Management Co., Ltd.	15/02/2021	4141146	21762330.5	
4141259	Eagle Industry Co., Ltd.	15/04/2021	4141259	21792456.2	
4141302	Eagle Industry Co., Ltd.	15/04/2021	4141302	21792462.0	
4141377	MD ELEKTRONIK GmbH	05/07/2022	4141377	22182999.7	German
4141379	Mitutoyo Corporation	27/08/2021	4141379	21193604.2	
4141462	LG Energy Solution, Ltd.	12/11/2021	4141462	21892380.3	
4141473	Hexagon Geosystems Services AG	25/08/2021	4141473	21193138.1	
4141742	Illinois Tool Works, Inc.	08/08/2022	4141742	22189349.8	
4141997	Korea Institute of Science and Technology Hyundai Motor Company Kia Corporation	29/08/2022	4141997	22192579.5	
4142135	Hitachi Industrial Equipment Systems Co., Ltd.	20/04/2020	4142135	20932642.0	
4142733	Great Novel Therapeutics Biotech & Medicals Corporation	28/04/2021	4142733	21796395.8	
4143024	Kuhne Anlagenbau GmbH	28/04/2021	4143024	21722809.7	German
4143096	Covation Inc. PepsiCo, Inc.	30/04/2021	4143096	21796374.3	
4143158	BASF SE	19/04/2021	4143158	21718896.0	
4143281	Klüber Lubrication München GmbH & Co. KG	21/04/2021	4143281	21721887.4	German
4143453	ZF Friedrichshafen AG	06/04/2021	4143453	21717811.0	German
4143627	CooperVision International Limited	29/04/2021	4143627	21726160.1	
4144772	ENEOS Materials Corporation	31/03/2021	4144772	21797392.4	
4144944	ABUS August Bremicker Söhne KG	03/08/2022	4144944	22188453.9	German
4145125	Supercritical Fluid Technologies, Inc.	07/08/2015	4145125	21210306.3	
4145513	Samsung Display Co., Ltd.	26/08/2022	4145513	22192279.2	
4145637	THALES Université de Bordeaux Institut Polytechnique de Bordeaux Centre national de la recherche scientifique	05/09/2022	4145637	22193931.7	French
4145758	Apple Inc.	25/08/2022	4145758	22192214.9	
4147570	Nabel Co., Ltd.	11/06/2021	4147570	21821232.2	
4148192	Kramer-Werke GmbH	04/08/2022	4148192	22188901.7	German
4148477	Apple Inc.	04/04/2017	4148477	22197581.6	
4148887	LG Energy Solution, Ltd.	18/10/2021	4148887	21886656.4	
4148988	Diehl Defence GmbH & Co. KG	24/08/2022	4148988	22192001.0	German
4149117	Huawei Technologies Co., Ltd.	09/03/2021	4149117	21824924.1	
4149820	thyssenkrupp Presta AG thyssenkrupp AG	11/05/2021	4149820	21726851.5	German
4150996	InterDigital Patent Holdings, Inc.	14/05/2021	4150996	21729766.2	
4151074	AGCO International GmbH	22/08/2022	4151074	22191566.3	
4152106	Envisics Ltd.	12/08/2022	4152106	22190138.2	

4152295	Honeywell International Inc.	31/08/2022	4152295	22193241.1	French
4152458	LG Energy Solution, Ltd.	22/02/2022	4152458	22760022.8	
4153463	Vibhuti, Anupam	24/05/2021	4153463	21813636.4	
4153983	Nova Biomedical Corporation	25/02/2021	4153983	21809196.5	
4154153	Workday, Inc.	02/03/2021	4154153	21808374.9	
4154435	Signify Holding B.V.	18/05/2021	4154435	21725220.4	
4154655	QUALCOMM INCORPORATED	21/05/2021	4154655	21734988.5	
4155121	Great Wall Motor Company Limited	10/06/2021	4155121	21824877.1	
4155744	LG Energy Solution, Ltd.	09/08/2021	4155744	21856155.3	
4156005	INTEL Corporation	22/07/2022	4156005	22186365.7	
4156207	Graphitech	21/09/2022	4156207	22196896.9	French
4156489	Zhejiang University	22/03/2021	4156489	21808131.3	
	Shanghai Electric Wind Power Group Co., Ltd.				
4156550	Gogo Business Aviation LLC	11/04/2019	4156550	22207381.9	
4156770	HUAWEI TECHNOLOGIES CO., LTD.	22/04/2021	4156770	21822645.4	
4157740	Graphic Packaging International, LLC	26/05/2021	4157740	21813809.7	
4157749	AUTOSTORE TECHNOLOGY AS	18/05/2021	4157749	21727815.9	
4157780	TK Home Solutions B.V.	25/05/2021	4157780	21728537.8	
4157944	Omya International AG	26/05/2021	4157944	21727483.6	
4158314	Ramot at Tel-Aviv University Ltd.	24/05/2021	4158314	21813634.9	
4158541	Capital One Services, LLC	25/05/2021	4158541	21733871.4	German
4158585	Google LLC	02/06/2020	4158585	20747182.2	
4159074	NIKE Innovate C.V.	27/12/2019	4159074	22209159.7	
4159495	MAZDA MOTOR CORPORATION	08/09/2022	4159495	22194485.3	
4159594	MAZDA MOTOR CORPORATION	08/09/2022	4159594	22194491.1	
4159609	Marquette University	03/05/2018	4159609	22185680.0	
4159678	Idemitsu Kosan Co.,Ltd.	20/05/2021	4159678	21811810.7	
4160028	Samsung Electronics Co., Ltd.	20/07/2021	4160028	21866986.9	
4160224	Schneider Electric Industries SAS	01/10/2021	4160224	21306373.8	
4160274	Nuctech Company Limited	24/05/2021	4160274	21812904.7	
	Tsinghua University				German
4160475	Honor Device Co., Ltd.	27/04/2022	4160475	22773376.3	
4160593	Spotify AB	28/12/2020	4160593	22209659.6	
4162158	Patriot-NRG, LLC	18/06/2020	4162158	20938649.9	
4162292	ASSA ABLOY AB	01/06/2021	4162292	21730858.4	
4162786	Stiga S.p.A. in breve anche St. S.p.A.	10/10/2022	4162786	22200482.2	
4162873	Vioptix, Inc.	24/04/2017	4162873	22172768.8	
4163189	MAZDA MOTOR CORPORATION	08/09/2022	4163189	22194493.7	
4163301	IWATE MEDICAL UNIVERSITY	10/06/2021	4163301	21823133.0	
4164088	Kongsberg Maritime AS	11/10/2021	4164088	21201926.9	
4164324	Samsung Electronics Co., Ltd.	04/10/2022	4164324	22199530.1	German
4164397	Florida Food Products, LLC	15/06/2021	4164397	21827000.7	
4164484	Koneksa Health Inc.	11/06/2021	4164484	21737736.5	
4164564	Alcon Inc.	08/06/2021	4164564	21732562.0	
4164780	Boehringer Ingelheim International GmbH	11/06/2021	4164780	21737296.0	
4165240	Aladdin Manufacturing Corporation	16/06/2021	4165240	21825489.4	
4165455	HSP Hochspannungsgeräte GmbH	06/08/2021	4165455	21762392.5	
4165868	Samba TV, Inc.	22/07/2021	4165868	21847442.7	
4166195	Toyama Prefectural University	07/06/2021	4166195	21821783.4	
	Teika Pharmaceutical Co., Ltd.				German
	National Institute Of Advanced Industrial Science and Technology				
4166352	Sumitomo Rubber Industries, Ltd.	08/08/2022	4166352	22189224.3	
4166410	Beijing Jingdong Qianshi Technology Co., Ltd.	31/08/2021	4166410	21893512.0	
4166418	CASCO SIGNAL LTD.	04/11/2021	4166418	21948693.3	
4166791	Nicotra Gebhardt GmbH	15/10/2021	4166791	21202991.2	
4166982	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	30/06/2020	4166982	20943763.1	
4167120	Dassault Systèmes	15/10/2021	4167120	21306453.8	
4167212	Applied Medical Resources Corporation	27/05/2016	4167212	22212824.1	

4167380	CYNTEC CO., LTD.	18/10/2022	4167380	22202087.7	
4168309	Safran Landing Systems	21/06/2021	4168309	21734133.8	French
4168714	Whetstone, Stanley	21/06/2021	4168714	21746085.6	
4169018	Nokia Technologies Oy	20/05/2021	4169018	21826871.2	
4169222	Tyntec Group Limited	28/05/2021	4169222	21728082.5	
4169624	Musashi Engineering, Inc.	16/06/2021	4169624	21829118.5	
4169628	Satake Corporation	14/06/2021	4169628	21825770.7	
4169798	Hitachi, Ltd.	22/06/2020	4169798	20941856.5	
4169893	Profile Products L.L.C.	05/01/2018	4169893	22213701.0	
4170398	MD ELEKTRONIK GmbH	27/07/2022	4170398	22187130.4	German
4170434	Comadur SA	11/11/2021	4170434	21207803.4	French
4170463	Samsung Electronics Co., Ltd.	22/08/2014	4170463	22212973.6	
4170822	Huawei Technologies Co., Ltd.	02/07/2021	4170822	21833420.9	
4171186	Huawei Digital Power Technologies Co., Ltd.	17/10/2022	4171186	22201870.7	
4171435	Ivoclar Vivadent AG	25/06/2021	4171435	21737331.5	German
4171444	Edwards Lifesciences Corporation	22/07/2021	4171444	21755241.3	
4171815	DSM IP Assets B.V.	22/06/2021	4171815	21735654.2	
4172537	TakeAir BV	25/06/2021	4172537	21739033.5	
4173012	Maschinenfabrik Reinhausen GmbH	28/06/2021	4173012	21737610.2	German
4173390	Samsung Electronics Co., Ltd.	03/08/2021	4173390	21852795.0	
4173646	Mepion Co., Ltd.	14/10/2020	4173646	20951665.7	
4174580	Zhuhai Pantum Electronics Co., Ltd.	24/08/2021	4174580	21860353.8	
4174821	Honeywell International Inc.	12/10/2022	4174821	22201122.3	
4176161	BBR VT International Ltd.	21/06/2021	4176161	21734824.2	
4176233	Google LLC	18/08/2020	4176233	20764866.8	
4176633	ZTE Corporation	03/08/2020	4176633	20948376.7	
4176696	Darkside Scientific, Inc.	04/08/2021	4176696	21759210.4	
	Pilkington Group Limited				
4177033	Husky Injection Molding Systems Ltd.	04/10/2017	4177033	22212661.7	
4177129	Hitachi, Ltd.	06/07/2020	4177129	20944129.4	
4177190	Canline Systems B.V.	07/11/2022	4177190	22205792.9	
4177675	Canon Kabushiki Kaisha	03/11/2022	4177675	22205233.4	
4177684	Rockwell Automation Technologies, Inc.	31/10/2022	4177684	22204715.1	
4178148	Telefonaktiebolaget LM Ericsson (publ)	22/08/2019	4178148	22215177.1	
4178164	Huawei Technologies Co. Ltd.	22/07/2021	4178164	21845287.8	
4178477	Boston Scientific Medical Device Limited	05/07/2021	4178477	21838390.9	
4178804	DAETWYLER SWISSTEC AG	22/06/2021	4178804	21734837.4	German
4179539	Koninklijke Philips N.V.	30/06/2021	4179539	21742062.9	
4179739	ZTE Corporation	07/08/2020	4179739	20948133.2	
4179748	Telefonaktiebolaget LM ERICSSON (PUBL)	25/08/2020	4179748	20757931.9	
4179769	QUALCOMM INCORPORATED	30/06/2021	4179769	21745877.7	
4180260	DENSO CORPORATION	14/06/2021	4180260	21842706.0	
4180399	LG Electronics Inc.	09/11/2021	4180399	21906856.6	
4180583	Hitachi Construction Machinery Co., Ltd.	18/02/2022	4180583	22774827.4	
4180868	LG Innotek Co., Ltd.	01/06/2021	4180868	21842130.3	
4180878	Meco S.A.	10/11/2021	4180878	21207599.8	French
4180987	Beijing Xiaomi Mobile Software Co., Ltd.	09/07/2020	4180987	20943935.5	
4181296	LG Energy Solution, Ltd.	27/12/2021	4181296	21919938.7	
4181369	Texas Instruments Incorporated	08/11/2022	4181369	22206200.2	
4181853	MEDICAL DEPOT, INC.	14/07/2021	4181853	21843341.5	
4182187	DAF Trucks N.V.	19/07/2021	4182187	21751883.6	
4182644	VEGA Grieshaber KG	20/07/2020	4182644	20743674.2	German
4182979	UCL Business Ltd	13/07/2021	4182979	21745949.4	
4183129	TechnoTeam Holding GmbH	08/04/2021	4183129	21718537.0	German
4183173	Samsung Electronics Co., Ltd.	20/08/2021	4183173	21858645.1	
4183345	Shanghai United Imaging Healthcare Co., Ltd.	23/08/2021	4183345	21857789.8	
4183721	BEUMER Group GmbH & Co. KG	17/11/2021	4183721	21208744.9	German
4183910	NIKE Innovate C.V.	23/03/2018	4183910	23151107.2	
4184440	Aiob Vision Systems Sp. z o.o.	23/03/2022	4184440	22163854.7	

4184678	LG Energy Solution, Ltd.	25/08/2021	4184678	21892090.8	
4184709	MTI Wireless Edge Ltd.	01/07/2022	4184709	22182624.1	
4184935	Cthings.Co Spolka Z Ograniczona Odpowiedzialnoscia	19/11/2021	4184935	21461622.9	
4185095	Williams, John Gary	26/07/2021	4185095	21769493.4	
4185555	Suez International	19/07/2021	4185555	21743590.8	
4185776	Siemens Energy Global GmbH & Co. KG	24/08/2021	4185776	21773211.4	
4185798	Reliance Worldwide Corporation (UK) Limited	15/07/2021	4185798	21745401.6	
4186319	ZTE Corporation	03/08/2020	4186319	20947832.0	
4186581	DMG Mori Co., Ltd.	27/08/2020	4186581	20951441.3	
4186632	KAWASAKI JUKOGYO KABUSHIKI KAISHA	25/08/2021	4186632	21861595.3	
4187086	General Electric Renovables España S.L.	07/11/2022	4187086	22205844.8	
4187155	RTX Corporation	24/11/2022	4187155	22209452.6	
4187287	Nuctech Company Limited	25/11/2022	4187287	22209595.2	
4189106	Centre National de la Recherche Scientifique (CNRS) Université Paris-Saclay	02/08/2021	4189106	21758337.6	
4189289	SABAF Beyaz Esya Parçaları San. ve Tic. Ltd. Sti.	29/07/2020	4189289	20750222.0	
4189299	Cagni, Andrea	21/07/2021	4189299	21743283.0	
4189491	Montres Breguet S.A.	30/07/2020	4189491	20750233.7	French
4189493	Montres Breguet S.A.	30/07/2020	4189493	20753898.4	French
4189600	Outdoor Wireless Networks LLC	02/08/2021	4189600	21852618.4	
4189709	Siemens Energy Global GmbH & Co. KG	25/08/2021	4189709	21769391.0	German
4189868	Lenovo (Singapore) Pte. Ltd.	02/08/2021	4189868	21752762.1	
4189893	Qualcomm Incorporated	15/06/2021	4189893	21739214.1	
4190533	Sekisui Kasei Co., Ltd.	30/07/2021	4190533	21851301.8	
4190579	Dai Nippon Printing Co., Ltd.	03/08/2021	4190579	21852360.3	
4190774	Inxmed (Nanjing) Co., Ltd.	02/08/2021	4190774	21852825.5	
4190868	Nippon Kayaku Kabushiki Kaisha	29/07/2021	4190868	21849351.8	
4191215	Heimann Sensor GmbH	22/12/2017	4191215	22217309.8	German
4191554	Panasonic Intellectual Property Management Co., Ltd.	16/11/2022	4191554	22207691.1	
4191657	NTT, Inc.	03/08/2020	4191657	20948557.2	
4191805	Nexans	02/12/2021	4191805	21306696.2	
4192298	NIKE Innovate C.V.	15/06/2021	4192298	21737940.3	
4192302	Betterguards Technology GmbH	04/08/2021	4192302	21755738.8	German
4192307	ambigence GmbH & Co. KG Coko-Werk GmbH & Co. KG	04/08/2021	4192307	21759258.3	German
4192333	Fitbit LLC	03/08/2021	4192333	21759476.1	
4192348	Ascensia Diabetes Care Holdings AG	04/08/2021	4192348	21763242.1	
4192411	Axiness	05/08/2021	4192411	21759047.0	
4192412	Brown, Cynthia, R.	09/08/2021	4192412	21856508.3	
4192630	SanArK Systems AB	02/08/2021	4192630	21852302.5	
4192642	Manutec R&D S.r.l.	05/08/2021	4192642	21763131.6	
4192654	Milwaukee Electric Tool Corporation	05/08/2021	4192654	21852537.6	
4192752	Colgate-Palmolive Company	25/08/2021	4192752	21786028.7	
4192759	Illinois Tool Works, Inc.	09/08/2021	4192759	21777601.2	
4192839	Richter Gedeon Nyrt.	06/08/2021	4192839	21756058.0	
4193034	BP Corporation North America Inc.	05/08/2021	4193034	21765756.8	
4193088	Parker-Hannifin Corporation	05/08/2021	4193088	21762263.8	
4193097	Belimo Holding AG	03/08/2021	4193097	21751583.2	
4193135	dSPACE GmbH	26/07/2021	4193135	21751535.2	German
4193262	Ampere Computing LLC	04/08/2021	4193262	21762231.5	
4193341	Alert-Genius S.r.l.	05/08/2021	4193341	21765983.8	
4193345	Lenovo (Singapore) Pte. Ltd.	06/08/2021	4193345	21756062.2	
4193511	Lenovo (Singapore) Pte. Ltd.	04/08/2021	4193511	21755571.3	
4193539	Telefonaktiebolaget LM Ericsson (publ)	03/08/2021	4193539	21755064.9	
4193659	Sharp Kabushiki Kaisha	04/08/2021	4193659	21852845.3	
4193670	Telefonaktiebolaget LM Ericsson (publ)	05/08/2021	4193670	21755606.7	

4193960	Osstem Implant Co., Ltd.	22/07/2021	4193960	21853624.1	
4193964	Shanqian (Zhuhai) Biomaterials Technology Co., Ltd.	06/08/2021	4193964	21853961.7	
4194038	Shenzhen Moore Vaporization Health & Medical Technology Co., Ltd.	07/12/2022	4194038	22211911.7	
4194182	The Boeing Company	07/08/2020	4194182	23154704.3	German
4194324	Sedlmayer GmbH	08/12/2022	4194324	22212261.6	
4194910	Samsung Electronics Co., Ltd.	24/11/2022	4194910	22209397.3	
4194922	CANON KABUSHIKI KAISHA	01/12/2022	4194922	22210889.6	
4195000	Giga-Byte Technology Co., Ltd.	25/11/2022	4195000	22209523.4	
4195096	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	27/08/2021	4195096	21860512.9	
4195199	Honor Device Co., Ltd.	26/04/2022	4195199	22823916.6	
4195223	Borealis GmbH	08/12/2021	4195223	21213066.0	
4195340	LG Energy Solution, Ltd.	04/08/2021	4195340	21854490.6	
4195514	Sanechips Technology Co., Ltd.	04/08/2021	4195514	21855423.6	
4195576	IHP GmbH - Leibniz Institute for High Performance Microelectronics/ Leib-niz-Institut für innovative Mikroelektronik	13/12/2021	4195576	21214163.4	
4195792	NTT DoCoMo, Inc.	07/08/2020	4195792	20948561.4	
4195801	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	05/08/2020	4195801	20948296.7	
4195805	Beijing Xiaomi Mobile Software Co., Ltd.	04/08/2020	4195805	20948084.7	
4195856	LG Electronics, Inc.	06/08/2021	4195856	21854493.0	
4196066	Fameccanica.Data S.p.A.	09/08/2021	4196066	21763136.5	
4196211	Zentet-X Zrt.	05/08/2021	4196211	21777842.2	
4196324	Owens-Brockway Glass Container Inc.	10/08/2021	4196324	21777874.5	
4196329	Fabheads Automation Pvt. Ltd.	10/08/2021	4196329	21855722.1	
4196383	Monahan Products, LLC	13/08/2021	4196383	21766317.8	
4196482	SiteOne Therapeutics, Inc.	14/08/2021	4196482	21766757.5	
4196735	TKMS GmbH	05/08/2021	4196735	21755941.8	German
	thyssenkrupp AG				
4196835	Leica Microsystems CMS GmbH	11/08/2020	4196835	20764948.4	
4196968	ecoATM, LLC	16/08/2021	4196968	21766364.0	
4197241	Telefonaktiebolaget LM Ericsson (publ)	03/08/2021	4197241	21755066.4	
4197266	Telefonaktiebolaget LM Ericsson (publ)	12/08/2021	4197266	21758461.4	
4197514	Shanghai Fourier Intelligence Co., Ltd.	05/08/2021	4197514	21871083.8	
4197690	LG Energy Solution, Ltd.	12/08/2021	4197690	21856274.2	
4197706	Samsung Electronics Co., Ltd.	29/11/2021	4197706	21900943.8	
4197789	CANON KABUSHIKI KAISHA	12/12/2022	4197789	22212739.1	
4197908	Bischofberger, Josef	15/12/2021	4197908	21214793.8	German
4198461	Honeywell International Inc.	14/11/2022	4198461	22207196.1	
4198493	Femtosecond Research Center Co., Ltd.	08/09/2021	4198493	21868536.0	
4199043	Changxin Memory Technologies, Inc.	12/08/2021	4199043	21934380.3	
4199092	Tsinghua University	03/08/2021	4199092	21855406.1	
4199444	Hangzhou Hikvision Digital Technology Co., Ltd.	05/08/2021	4199444	21855434.3	
4199554	TOYOTA JIDOSHA KABUSHIKI KAISHA	14/12/2022	4199554	22213471.0	
4199850	Covidien LP	18/08/2021	4199850	21769565.9	
4199904	Leiutis Pharmaceuticals LLP	18/08/2021	4199904	21857875.5	
4200014	Sun Nuclear Corporation	17/08/2021	4200014	21759413.4	
4200236	Dematic GmbH	24/08/2020	4200236	20761233.4	
4200490	Hilti Aktiengesellschaft	20/08/2021	4200490	21762731.4	German
4200491	Hilti Aktiengesellschaft	20/08/2021	4200491	21763353.6	German
4200493	Hilti Aktiengesellschaft	20/08/2021	4200493	21765914.3	German
4200647	QUALCOMM Incorporated	21/07/2021	4200647	21755212.4	
4200794	Brainlab AG	21/08/2020	4200794	20760840.7	
4200991	Telefonaktiebolaget LM Ericsson (publ)	24/08/2020	4200991	20765083.9	
4201022	Dfinity Stiftung	30/09/2021	4201022	21786436.2	
4201306	Polar Electro Oy	23/12/2021	4201306	21217524.4	
4202168	REHAU Industries SE & Co. KG	19/12/2022	4202168	22214455.2	German

4202169	REHAU Industries SE & Co. KG	19/12/2022	4202169	22214471.9	German
4202591	INTEL Corporation	11/10/2022	4202591	22200798.1	
4202614	Honor Device Co., Ltd.	29/04/2022	4202614	22836578.9	
4202724	Siemens Aktiengesellschaft	23/12/2021	4202724	21217483.3	
4202813	LG Energy Solution, Ltd.	04/08/2022	4202813	22853479.8	
4203252	Garrett Transportation I Inc.	03/08/2022	4203252	22188529.6	
4203282	INTEL Corporation	18/10/2022	4203282	22202231.1	
4203316	Changxin Memory Technologies, Inc.	19/08/2021	4203316	21929829.6	
4203348	Nokia Solutions and Networks Oy	14/12/2022	4203348	22213324.1	
4203410	Nokia Solutions and Networks Oy	20/12/2022	4203410	22215189.6	
4203455	LG Innotek Co., Ltd.	17/08/2021	4203455	21858550.3	
4203923	Synthon B.V.	23/08/2021	4203923	21820122.6	
4204233	Linx Printing Technologies Ltd	23/08/2021	4204233	21765687.5	
4204272	Knorr-Bremse Gesellschaft mit beschränkter Haftung	30/08/2021	4204272	21772719.7	German
4204695	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	26/08/2021	4204695	21762064.0	German
4204726	ArianeGroup SAS	30/08/2021	4204726	21777575.8	French
4204762	Beissbarth Automotive Testing Solutions GmbH	26/08/2021	4204762	21769938.8	German
4204796	Helmholtz-Zentrum Berlin für Materialien und Energie GmbH	26/08/2021	4204796	21816321.0	German
4205109	Google LLC	19/08/2021	4205109	21769590.7	
4205313	Telefonaktiebolaget LM Ericsson (publ)	31/08/2021	4205313	21766248.5	
4206068	Sustainable Works Corporation	22/02/2021	4206068	21926067.6	
4206098	Nuctech Company Limited	21/12/2022	4206098	22215242.3	
4206307	Idemitsu Kosan Co.,Ltd.	23/08/2021	4206307	21861476.6	
4206647	LG Energy Solution, Ltd.	06/04/2022	4206647	22784972.6	
4206695	Andiva B.V.	28/12/2021	4206695	21020659.5	
4207470	LG Energy Solution, Ltd.	07/01/2022	4207470	22736898.2	
4207492	Nokia Technologies Oy	30/12/2021	4207492	21383242.1	
4207679	G-Innovations Viet Nam Joint Stock Company	31/12/2021	4207679	21218455.0	
4207715	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	20/08/2021	4207715	21860289.4	
4207792	Samsung Electronics Co., Ltd.	28/12/2022	4207792	22216863.5	
4208095	Dätwyler Schweiz AG	19/08/2021	4208095	21759019.9	
4208118	Edwards Lifesciences Corporation	31/08/2021	4208118	21790270.9	
4208227	Janssen Pharmaceutica NV	31/08/2021	4208227	21773004.3	
4208228	Janssen Pharmaceutica NV	31/08/2021	4208228	21773475.5	
4208437	Evonik Operations GmbH	19/08/2021	4208437	21765897.0	
4208662	Flexible Engineered Solutions Limited	01/09/2021	4208662	21769784.6	
4208696	Endress+Hauser Flowtec AG	16/08/2021	4208696	21763058.1	German
4208978	Google LLC	27/08/2021	4208978	21783087.6	
4209433	Becton Dickinson Rowa Germany GmbH	11/01/2022	4209433	22150961.5	German
4209832	II-VI Delaware, Inc.	21/12/2022	4209832	22215398.3	
4209944	Nokia Technologies Oy	10/01/2022	4209944	22150646.2	
4210044	GN Hearing A/S	13/10/2022	4210044	22201275.9	
4210273	ICTK Holdings Co., Ltd.	31/08/2021	4210273	21864618.0	
4210312	Honor Device Co., Ltd.	26/08/2022	4210312	22856863.0	
4211002	Ampere SAS	27/08/2021	4211002	21769414.0	French
4211005	Autoliv Development AB	30/08/2021	4211005	21769953.7	German
4211181	Duke University	20/08/2021	4211181	21859193.1	
4211526	embotech AG	22/10/2020	4211526	20792514.0	
4211757	Phoenix Contact GmbH & Co. KG	29/07/2021	4211757	21751497.5	German
4212076	Samsung Electronics Co., Ltd.	18/08/2021	4212076	21880295.7	
4212119	Olympus Corporation	06/08/2009	4212119	23160554.4	
	Yahagi, Naohisa				
4212535	Lg Chem, Ltd.	23/06/2022	4212535	22864835.8	
4212821	Panasonic Intellectual Property Management Co., Ltd.	16/08/2021	4212821	21866457.1	
4212835	HAMAMATSU PHOTONICS K.K.	03/02/2015	4212835	23159379.9	

4212858	Suntory Holdings Limited	10/01/2023	4212858	23150839.1	
4213338	LG Energy Solution, Ltd.	02/08/2022	4213338	22867566.6	
4213354	Goodix Technology (HK) Company Limited	14/01/2022	4213354	22151658.6	
4213434	Samsung Electronics Co., Ltd.	03/08/2017	4213434	23160564.3	
4213530	Samsung Electronics Co., Ltd.	02/08/2017	4213530	23157740.4	
4214078	VALEO SYSTEMES THERMIQUES	03/09/2021	4214078	21773519.0	French
4214477	Endress+Hauser SE+Co. KG	16/08/2021	4214477	21763307.2	German
4215691	Max Co., Ltd.	19/01/2023	4215691	23152440.6	
4215823	Daikin Europe N.V.	18/01/2023	4215823	23152192.3	
4216211	Samsung Electronics Co., Ltd.	31/08/2021	4216211	21886527.7	
4216552	Sun Patent Trust	29/05/2012	4216552	23160849.8	
4216647	Huawei Technologies Co. Ltd.	05/11/2021	4216647	21888641.4	
4217700	Elmos Semiconductor SE	10/08/2021	4217700	21762596.1	German
4218582	FUJIFILM Corporation	30/07/2021	4218582	21871976.3	
4218893	Vaxxas Pty Limited	03/08/2018	4218893	22214247.3	
4218904	Novocure GmbH	11/08/2017	4218904	23168144.6	
4218906	Novocure GmbH	11/08/2017	4218906	23168146.1	
4218907	Novocure GmbH	11/08/2017	4218907	23168147.9	
4218908	Novocure GmbH	11/08/2017	4218908	23168148.7	
4219177	Zeon Corporation	26/08/2021	4219177	21872083.7	
4219830	Robel Bahnbaumaschinen GmbH	01/07/2021	4219830	23166307.1	German
4220138	Pacific Biosciences of California, Inc.	31/08/2007	4220138	23151617.0	
4220453	Flash Seats, LLC	31/01/2023	4220453	23154292.9	
4220547	Hangzhou Hikvision Digital Technology Co., Ltd.	31/08/2021	4220547	21871234.7	
4221220	Beijing Dajia Internet Information Technology Co., Ltd.	08/10/2019	4221220	23163759.6	
4221236	Google LLC	17/08/2018	4221236	22216042.6	
4221773	KCI Manufacturing Unlimited Company	20/10/2021	4221773	21798791.6	
4224001	PRATT & WHITNEY CANADA CORP.	15/05/2020	4224001	23166015.0	
4224101	IGLOO Spolka z ograniczona odpowiedzialnoscia	01/02/2023	4224101	23154489.1	
4224635	Wago Verwaltungsgesellschaft mbH	28/08/2017	4224635	23168755.9	German
4224663	Panasonic Intellectual Property Management Co., Ltd.	30/08/2021	4224663	21875019.8	
4224712	NXP USA, Inc	08/02/2022	4224712	22305133.5	
4224983	Telefonaktiebolaget LM Ericsson (publ)	27/12/2017	4224983	23165946.7	
4225673	Ocado Innovation Limited	12/08/2021	4225673	21758711.2	
4226130	FLSmidth Cement A/S	09/10/2020	4226130	20793813.5	
4226203	Charité - Universitätsmedizin Berlin	06/10/2021	4226203	21787449.4	
4226472	Enertechnos Limited	11/10/2021	4226472	21790212.1	
4227446	Epicrew Corporation	30/06/2021	4227446	21879697.7	
4227516	General Electric Company	07/12/2022	4227516	22211993.5	
4227641	WAYMO LLC	07/02/2023	4227641	23155471.8	
4228160	Huawei Technologies Co. Ltd.	23/06/2021	4228160	21884450.4	
4230205	Jenkem Technology Co. Ltd. (Tianjin)	08/11/2021	4230205	21891060.2	
4230243	PARI Pharma GmbH	04/06/2012	4230243	23169731.9	
4232352	Itrec B.V.	19/10/2021	4232352	21794829.8	
4232642	Ellsi Limited	15/11/2022	4232642	22826164.0	
4232676	Blindspace AB	20/10/2021	4232676	21887041.8	
4233456	Lenovo (Beijing) Limited	22/10/2020	4233456	20958168.5	
4234060	Tencent Technology (Shenzhen) Company Limited	07/04/2022	4234060	22790864.7	
4234219	The Boeing Company	14/08/2018	4234219	23184508.2	
4234517	KABUSHIKI KAISHA TOSHIBA Toshiba Materials Co., Ltd.	19/10/2021	4234517	21882795.4	
4234905	GE Vernova Technology GmbH	20/07/2016	4234905	23179502.2	
4234940	Senju Metal Industry Co., Ltd.	25/08/2021	4234940	21882439.9	
4235070	Pegaso Industries S.p.A.	15/10/2021	4235070	23184724.5	
4235204	NXP B.V.	23/02/2022	4235204	22158254.7	
4236081	Huawei Technologies Co. Ltd.	05/07/2021	4236081	21890644.4	

4236276	Samsung Electronics Co., Ltd.	30/11/2021	4236276	21923408.5	
4236471	LG ELECTRONICS, INC.	22/10/2021	4236471	21883349.9	
4236719	Nike Innovate C.V.	29/10/2021	4236719	21815750.1	
4236885	Keranova	28/10/2021	4236885	21801902.4	French
4237709	SEW-EURODRIVE GmbH & Co. KG	20/10/2021	4237709	21798346.9	German
4237715	De' Longhi Appliances S.r.l. Con Unico Socio	26/10/2021	4237715	21815280.9	
4237844	GENENTECH, INC.	28/10/2021	4237844	21819632.7	
4238527	Hass Corporation	11/08/2021	4238527	21886503.8	
4239167	GE Vernova Technology GmbH	13/02/2023	4239167	23156410.5	
4239369	FURUNO ELECTRIC CO., LTD.	03/03/2022	4239369	22160053.9	
4239770	Milwaukee Electric Tool Corporation	03/03/2023	4239770	23160066.9	
4240249	Cilag GmbH International	15/08/2022	4240249	22764864.9	
4241078	BL Technologies, Inc.	05/11/2021	4241078	21816249.3	
4241126	Microsoft Technology Licensing, LLC	01/10/2021	4241126	21798888.0	
4241331	Huawei Technologies Co. Ltd.	22/02/2021	4241331	21707659.5	
4241482	QUALCOMM INCORPORATED	06/11/2020	4241482	20960366.1	
4241536	QUALCOMM INCORPORATED	06/11/2020	4241536	20960364.6	
4241865	Caterpillar Inc.	22/06/2021	4241865	23184537.1	
4242399	Triquet, Eric	09/03/2023	4242399	23160962.9	French
4242400	dormakaba Deutschland GmbH	09/03/2022	4242400	22161140.3	German
4242629	SYSMEX CORPORATION	06/03/2023	4242629	23160154.3	
4242646	Ishida Co., Ltd.	06/03/2023	4242646	23160172.5	
4243194	LG Energy Solution, Ltd.	18/10/2022	4243194	22899613.8	
4243434	LG Electronics Inc.	07/08/2018	4243434	23170577.3	
4243459	Apple Inc.	21/04/2022	4243459	23181749.5	
4243882	Sartorius Stedim Biotech GmbH	16/11/2021	4243882	21805997.0	German
4243949	Universal City Studios LLC	03/11/2021	4243949	21815806.1	
4244512	Siemens Healthcare Diagnostics, Inc.	12/11/2021	4244512	21893082.4	
4244841	Platinum Press, Inc.	12/11/2021	4244841	21845120.1	
4245002	Apogee Networks, LLC	06/12/2021	4245002	21824263.4	
4245405	HITACHI HIGH-TECH CORPORATION	01/09/2021	4245405	21891470.3	
4245728	BKT Co., Ltd.	22/10/2021	4245728	21894912.1	
4246068	INDUSTRIE SCAFFALATURE ARREDAMENTI - ISA SOCIETÀ PER AZIONI	14/03/2023	4246068	23161923.0	
4246155	SAMSUNG ELECTRONICS CO., LTD.	28/02/2023	4246155	23159073.8	
4246387	JVCKENWOOD Corporation	07/06/2022	4246387	22872471.2	
4246933	ZTE Corporation	16/11/2021	4246933	21899850.8	
4247032	Huawei Technologies Co. Ltd.	06/01/2021	4247032	21916751.7	
4247041	Huawei Technologies Co. Ltd.	10/12/2021	4247041	21909184.0	
4247470	Precision Robotics (Hong Kong) Limited	19/10/2021	4247470	21893660.7	
4247749	Cascade Corporation	22/12/2021	4247749	21916258.3	
4248023	Neoperl GmbH	22/10/2021	4248023	21799012.6	German
4248025	L'OREAL	19/11/2021	4248025	21816391.3	
4248167	Raytheon Company	16/04/2021	4248167	21782609.8	
4248284	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. Universität des Saarlandes	19/11/2021	4248284	21819084.1	German
4248461	General Fusion Inc.	16/12/2021	4248461	21920165.4	
4248474	Maschinenfabrik Reinhausen GmbH	18/11/2021	4248474	21816363.2	German
4248798	ZARGES GmbH	22/03/2023	4248798	23163353.8	German
4248934	Xiamen Comfier Technology Co., Ltd	15/09/2021	4248934	21893548.4	
4249659	Tsudakoma Kogyo Kabushiki Kaisha	01/03/2023	4249659	23159432.6	
4249660	Tsudakoma Kogyo Kabushiki Kaisha	01/03/2023	4249660	23159437.5	
4249841	Fujitsu General Limited	29/01/2020	4249841	23179834.9	
4249904	LG Energy Solution, Ltd.	30/08/2022	4249904	22865024.8	
4250104	Shenzhen TCL New Technology Co., Ltd	27/10/2021	4250104	21893706.8	
4250699	Honor Device Co., Ltd.	13/12/2022	4250699	22905506.6	
4251121	DSM IP Assets B.V.	26/11/2021	4251121	21815522.4	
4251287	Alpha Champ GmbH	24/11/2021	4251287	21815356.7	German
4251774	HYBRIT Development AB	24/11/2021	4251774	21816560.3	

4252585	Unilin, BV	17/03/2023	4252585	23162579.9	
4253056	CANON KABUSHIKI KAISHA	23/03/2023	4253056	23163622.6	
4253085	Bridgestone Americas Tire Operations, LLC	15/07/2019	4253085	23184854.0	
4253163	Faurecia India Private Limited	29/03/2023	4253163	23164966.6	
4253497	Sika Technology AG	26/11/2021	4253497	21897123.2	
4253573	MORE S.R.L.	28/03/2023	4253573	23164805.6	
4253720	Pfeiffer Vacuum Technology AG	08/08/2023	4253720	23190388.1	German
4253724	GE Vernova Technology GmbH	13/03/2023	4253724	23161407.4	
4253732	GE Vernova Technology GmbH	10/03/2023	4253732	23161154.2	
4253798	ABB SCHWEIZ AG	29/03/2022	4253798	22165107.8	
4254167	Walaszek, Marek	31/03/2022	4254167	22166126.7	
4254408	Beijing Sogou Technology Development Co., Ltd.	29/06/2021	4254408	21896310.6	
4254525	LG Innotek Co., Ltd.	31/07/2019	4254525	23188482.6	
4255585	Visionair Lab Srl	01/12/2021	4255585	21834950.4	
4256322	Signify Holding B.V.	29/11/2021	4256322	21819462.9	
4256820	ORANGE	30/11/2021	4256820	21830719.7	French
4257291	Sunheng Technology Co., Ltd.	18/08/2022	4257291	22190979.9	
4257475	Guangdong Guanke Communication Co., Ltd.	09/11/2021	4257475	21899814.4	
4259320	Qinstruments GmbH	10/12/2021	4259320	21839826.1	German
4259894	Inter IKEA Systems B.V.	14/12/2021	4259894	21907243.6	
4260044	ALL CITRUS S.R.L.	25/11/2021	4260044	21827216.9	
4260051	ISRA VISION GMBH	13/12/2021	4260051	21836503.9	German
4260098	Rafael Advanced Defense Systems Ltd.	02/12/2021	4260098	21902821.4	
4261235	Contemporary Amperex Technology (Hong Kong) Limited	14/09/2022	4261235	22880077.7	
4261477	Carrier Japan Corporation	15/03/2023	4261477	23162128.5	
4261815	Casio Computer Co., Ltd.	11/04/2023	4261815	23167341.9	
4261825	Tencent Technology (Shenzhen) Company Limited	26/01/2022	4261825	22748989.5	
4262302	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	17/08/2021	4262302	21924157.7	
4262308	Huawei Technologies Co. Ltd.	11/01/2022	4262308	22745031.9	
4262339	AGCO International GmbH	19/08/2021	4262339	21762125.9	
4262661	Drylock Technologies NV	20/12/2021	4262661	21843661.6	
4263351	Safran Seats USA LLC	18/12/2020	4263351	20842642.9	
4263746	Merck Patent GmbH	15/12/2021	4263746	21830685.0	German
4263882	ArcelorMittal	03/12/2021	4263882	21819985.9	
4264090	EagleBurgmann Germany GmbH & Co. KG	07/12/2021	4264090	21836367.9	German
4264175	CiTEX Holding GmbH	15/12/2021	4264175	21834719.3	German
4264776	Eaton Intelligent Power Limited	17/12/2021	4264776	21840788.0	
4264919	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	10/12/2021	4264919	21835283.9	
4266015	ABB SCHWEIZ AG	21/04/2022	4266015	22169229.6	
4266200	NTT, Inc.	20/01/2021	4266200	21920981.4	
4266230	LG Energy Solution, Ltd.	03/08/2022	4266230	22853474.9	
4266920	Philip Morris Products, S.A.	13/12/2021	4266920	21839089.6	
4267016	Covidien LP	10/12/2021	4267016	21840286.5	
4267781	Greenerity GmbH	22/12/2021	4267781	21835338.1	German
	Heraeus Deutschland GmbH & Co. KG				
	Technische Universität München				
4267865	Brembo S.p.A.	23/12/2021	4267865	21845103.7	
4267879	Danfoss A/S	22/12/2021	4267879	21840146.1	
4268017	GENTEX CORPORATION	07/12/2021	4268017	21911870.0	
4268081	INTEL Corporation	24/12/2020	4268081	20966415.0	
4268435	Snap Inc.	15/12/2021	4268435	21844843.9	
4268709	Huawei Technologies Co. Ltd.	25/01/2022	4268709	22745239.8	
4269526	Sika Technology AG	06/12/2021	4269526	21910249.8	
4270103	Nichia Corporation	21/08/2019	4270103	23197446.0	

4270920	Vivo Mobile Communication Co., Ltd.	16/12/2021	4270920	21909251.7	
4270936	Honor Device Co., Ltd.	24/05/2022	4270936	22855027.3	
4271622	KAO USA INC.	28/12/2021	4271622	21848094.5	
4271958	Smart Shooter Ltd.	31/12/2021	4271958	21914858.2	
4271989	Pharmafluidics NV	29/12/2021	4271989	21847544.0	
4272247	Texas Instruments Incorporated	28/12/2021	4272247	21916323.5	
4273495	BAE SYSTEMS plc	05/11/2020	4273495	23199025.0	
4273686	Honor Device Co., Ltd.	25/05/2022	4273686	22855036.4	
4273726	BlackBerry Limited	28/03/2023	4273726	23164625.8	
4273838	Frequentis AG	05/05/2022	4273838	22171918.0	
4274515	Karl Leibinger Asset Management GmbH & Co. KG	07/02/2022	4274515	22713518.3	German
4275515	Kurchenko, Oleg Volodimirovich Sokhar, Orest Tarasovich	26/04/2023	4275515	23170097.2	
4275631	NuVasive Specialized Orthopedics, Inc.	12/12/2016	4275631	23198182.0	
4275744	IMGT Co, Ltd.	02/12/2022	4275744	22904569.5	
4276254	Aquis Systems AG	03/05/2023	4276254	23171384.3	German
4276321	VOLVO TRUCK CORPORATION	12/01/2021	4276321	23198955.9	
4276433	Dietatec Oy	13/05/2022	4276433	22173323.1	
4276605	Huawei Technologies Co. Ltd.	29/12/2017	4276605	23181397.3	
4276618	Honor Device Co., Ltd.	24/08/2022	4276618	22913432.5	
4276656	Ellsi Limited	12/05/2023	4276656	23173095.3	
4276914	Zhejiang Jinko Solar Co., Ltd. JINKO SOLAR CO., LTD	20/11/2020	4276914	23195947.9	
4276997	LG Energy Solution, Ltd.	12/12/2022	4276997	22907876.1	
4277760	T-Drill Oy	20/12/2021	4277760	21919207.7	
4278067	Epiroc Rock Drills Aktiebolag	11/01/2022	4278067	22702327.2	
4278807	Apple Inc.	14/01/2021	4278807	21918334.0	
4278922	Mangoslab Co., Ltd.	30/08/2021	4278922	21919833.0	
4278980	Edan Instruments, Inc.	30/03/2022	4278980	22779004.5	
4279094	Solventum Intellectual Properties Company	14/11/2013	4279094	23199788.3	
4279111	ResMed Pty Ltd	16/04/2020	4279111	23188999.9	
4279163	Roki Techno Co., Ltd.	05/01/2022	4279163	22739313.9	
4279355	Ningbo Wentai Sport Equipment Co., Ltd.	26/08/2022	4279355	22192261.0	
4279587	Shenzhen Bluepha Biosciences Co., Ltd.	28/06/2022	4279587	22871170.1	
4279735	Mei, Chen-Hsin	20/05/2022	4279735	22174494.9	
4280182	dormakaba Schweiz AG	18/05/2022	4280182	22174177.0	German
4281099	Brim Biotechnology, Inc.	24/01/2022	4281099	22743336.4	
4281299	Continental Automotive Systems, Inc.	24/01/2022	4281299	22703827.0	
4281379	Syntegon Packaging Solutions B.V.	03/11/2022	4281379	22805905.1	
4281403	Oshkosh Corporation	20/01/2022	4281403	22703769.4	
4281744	BRGM	21/01/2022	4281744	22700994.1	French
	Centre National de la Recherche Scientifique				
	Université d'Orléans				
4281765	Asahi Kasei Bioprocess America, Inc.	19/01/2022	4281765	22704819.6	
4282761	Hamilton Sundstrand Corporation	23/05/2023	4282761	23174916.9	
4282783	ESE World B.V.	24/05/2023	4282783	23174998.7	
4282960	Amano Enzyme Inc.	17/08/2018	4282960	23199518.4	
4283094	GE Vernova Technology GmbH	10/05/2023	4283094	23172641.5	
4283316	Huawei Digital Power Technologies Co., Ltd.	04/03/2021	4283316	21928531.9	
4283371	Largan Precision Co. Ltd.	17/08/2022	4283371	22190817.1	
4283372	Leica Biosystems Imaging, Inc.	06/08/2020	4283372	23202805.0	
4283569	CONTEC Co., Ltd.	31/08/2022	4283569	22193233.8	
4283607	xMEMS Labs, Inc.	23/05/2023	4283607	23174714.8	
4283778	Honor Device Co., Ltd.	15/08/2022	4283778	22866340.7	
4283966	Furuno Hellas S.A.	28/10/2020	4283966	23201168.4	
4283976	Vivo Mobile Communication Co., Ltd.	19/01/2022	4283976	22742184.9	
4284253	Koninklijke Philips N.V.	24/01/2022	4284253	22703308.1	

4284254	Institut National de la Santé et de la Recherche Médicale (I.N.S.E.R.M.) EDAP TMS France Université Claude Bernard Lyon I Centre Léon Bérard	26/01/2022	4284254	22706643.8	French
4284971	Benelli, Paolo	28/01/2022	4284971	22705888.0	
4285480	QUALCOMM INCORPORATED	24/11/2021	4285480	21827796.0	
4286109	Contemporary Ampere Technology (Hong Kong) Limited	29/03/2023	4286109	23744655.4	
4286185	Thermo King LLC	25/05/2023	4286185	23175482.1	
4287399	Honor Device Co., Ltd.	26/04/2022	4287399	22847918.4	
4287498	Huawei Digital Power Technologies Co., Ltd.	11/03/2021	4287498	21929576.3	
4287812	NovaLed GmbH	30/08/2022	4287812	22192927.6	
4288858	Microsoft Technology Licensing, LLC	20/01/2022	4288858	22704069.8	
4288996	Yangtze Memory Technologies Co., Ltd.	30/08/2021	4288996	21955326.0	
4289005	Yangtze Memory Technologies Co., Ltd.	31/08/2021	4289005	21955423.5	
4289243	CNH Industrial America LLC	09/06/2023	4289243	23178487.7	
4290121	Volvo Construction Equipment AB	07/06/2022	4290121	22177448.2	
4290163	Solaronics	26/05/2023	4290163	23175563.8	French
4290381	Huawei Technologies Co. Ltd.	29/12/2021	4290381	21927717.5	
4290487	Mercedes-Benz Group AG	05/06/2023	4290487	23177394.6	German
4290649	Milwaukee Electric Tool Corporation	02/06/2023	4290649	23177061.1	
4291014	Girard, Pierre Gilbert David	03/02/2022	4291014	22704349.4	French
4291487	Safran Seats USA LLC	10/02/2021	4291487	21709596.7	
4291488	Safran Seats USA LLC	10/02/2021	4291488	21709847.4	
4291730	Caterpillar Inc.	25/01/2022	4291730	22703801.5	
4292186	MALEX EUROPE S.R.L.	14/02/2022	4292186	22708226.0	
4292620	D'Errico, Fabrizio Serio, Francesco Carioni, Gianluigi	01/06/2023	4292620	23176690.8	
4292932	Gulfstream Aerospace Corporation	25/05/2023	4292932	23175448.2	
4293492	Honor Device Co., Ltd.	16/05/2022	4293492	22855004.2	
4293510	Tencent Technology (Shenzhen) Company Limited	15/08/2022	4293510	22868914.7	
4293733	Mitsubishi Chemical Corporation National Institute for Materials Science	19/08/2022	4293733	22921978.7	
4293797	LG Energy Solution, Ltd.	22/08/2022	4293797	22864933.1	
4295080	Lumileds LLC	31/01/2022	4295080	22756686.6	
4296746	Panasonic Intellectual Property Management Co., Ltd.	06/08/2021	4296746	21926663.2	
4297226	Huawei Digital Power Technologies Co., Ltd.	30/03/2021	4297226	21933668.2	
4297486	Siemens Aktiengesellschaft	22/06/2022	4297486	22180425.5	
4297933	Technonic Cordless GP	23/02/2021	4297933	21830378.2	
4298167	ENI S.p.A.	23/02/2022	4298167	22706686.7	
4298738	Thales Avionics, Inc.	29/03/2022	4298738	22782031.3	
4298927	Shenzhen Smoore Technology Limited	27/06/2023	4298927	23181720.6	
4299403	Rail Developpement	29/06/2023	4299403	23182490.5	French
4299434	Yamaha Hatsudoki Kabushiki Kaisha	15/06/2023	4299434	23179523.8	
4299454	Salvaro, Marziano	23/06/2023	4299454	23181121.7	
4299877	Kureha Corporation	24/02/2022	4299877	22759720.0	
4300258	Sagemcom Energy & Telecom SAS	21/06/2023	4300258	23180544.1	French
4300938	Huawei Technologies Co. Ltd.	29/03/2022	4300938	22783909.9	
4301120	Pubert Henri SAS	03/02/2022	4301120	22703389.1	French
4301423	Lindner, Manuel	28/02/2022	4301423	22708280.7	German
4302714	Biosense Webster (Israel) Ltd.	11/09/2017	4302714	23212586.4	
4302915	Tipman Co., Ltd.	31/03/2022	4302915	22815705.3	
4303043	Volvo Car Corporation	08/07/2022	4303043	22183934.3	
4303212	Cocrystal Technology (Jiaxing) Co., Ltd	03/03/2022	4303212	22762582.9	
4303402	Vexa S.r.l.	06/07/2023	4303402	23183954.9	
4303556	NOK Corporation	15/12/2021	4303556	21929218.2	

4303577	Dräger Safety AG & Co. KGaA	30/06/2023	4303577	23182568.8	German
4304089	Stryker European Operations Limited	10/04/2020	4304089	23211461.1	
4304130	DFNS	06/07/2022	4304130	22315135.8	
4304812	Bortolussi, Claudio Bortolussi, Franco	08/03/2022	4304812	22714538.0	
4305355	Belimo Holding AG	10/03/2022	4305355	22713924.3	
4305557	International Business Machines Corporation	09/03/2022	4305557	22713884.9	
4306076	Kolibree	14/03/2016	4306076	23208162.0	
4306142	Boston Scientific Scimed, Inc.	08/04/2014	4306142	23213646.5	
4306709	Voith Patent GmbH	16/06/2023	4306709	23179713.5	German
4306772	RTX Corporation	14/07/2023	4306772	23185675.8	
4307266	QUALCOMM Incorporated	25/03/2020	4307266	23211165.8	
4307492	Getac Technology Corporation	19/01/2023	4307492	23152405.9	
4307646	Vivo Mobile Communication Co., Ltd.	09/03/2022	4307646	22766320.0	
4307652	Samsung Electronics Co., Ltd.	21/03/2022	4307652	22788280.0	
4308442	Piaggio & C. SpA	01/03/2022	4308442	22714533.1	
4308842	BASF SE	10/03/2022	4308842	22711979.9	German
4310708	Centripetal Limited	20/04/2022	4310708	23193876.2	
4311523	Howmedica Osteonics Corp.	26/07/2023	4311523	23187900.8	
4311582	Jarmen Inversiones Activas S.L.U	27/07/2022	4311582	22382721.3	
4311618	Nanjing Chervon Industry Co., Ltd.	16/06/2023	4311618	23179647.5	
4312024	ARKRAY, Inc.	27/07/2023	4312024	23188125.1	
4312092	Honeywell International Inc.	12/07/2023	4312092	23185052.0	
4312396	Telefonaktiebolaget LM Ericsson (publ)	18/04/2018	4312396	23216136.4	
4312512	Zeroavia Ltd.	30/03/2022	4312512	22719080.8	
4312836	Julius-Maximilians-Universität Würzburg	17/03/2022	4312836	22716208.8	
4313789	Mocap LLC	29/03/2022	4313789	22716767.3	
4314128	Cellicon B.V.	30/03/2022	4314128	22720567.1	
4314573	Fresenius Medical Care Deutschland GmbH	16/03/2022	4314573	22715993.6	German
4314744	Julius Zorn, Inc.	21/03/2022	4314744	22719654.0	
4315777	Telefonaktiebolaget LM Ericsson (publ)	28/04/2021	4315777	21723013.5	
4315817	Samsung Electronics Co., Ltd.	08/06/2022	4315817	22870088.6	
4316154	QUALCOMM INCORPORATED	25/02/2022	4316154	22710936.0	
4316664	Rapid Granulator AB	05/08/2022	4316664	22188962.9	
4316723	Amada Co., Ltd.	22/03/2022	4316723	22775580.8	
4316743	Hilti Aktiengesellschaft	03/08/2022	4316743	22188419.0	German
4316984	Airbus Operations GmbH	02/08/2022	4316984	22188358.0	
4317288	Kaneka Corporation	25/03/2022	4317288	22775816.6	
4317663	PRATT & WHITNEY CANADA CORP.	04/08/2023	4317663	23189822.2	
4317819	DAIKIN INDUSTRIES, LTD.	29/03/2022	4317819	22780976.1	
4318050	Dexerials Corporation	23/03/2022	4318050	23200927.4	
4318252	Samsung Electronics Co., Ltd.	08/08/2022	4318252	22876661.4	
4318518	Chint Low Voltage Electrical Technology Co., Ltd.	17/10/2022	4318518	22885718.1	
4318812	Wago Verwaltungsgesellschaft mbH	02/08/2023	4318812	23189158.1	German
4318922	Mitsubishi Heavy Industries, Ltd.	15/02/2022	4318922	22784337.2	
4319039	STMicroelectronics S.r.l.	19/07/2023	4319039	23186442.2	
4319971	LM Wind Power A/S	07/04/2022	4319971	22721676.9	
4320302	Ava Otel Turizm Endüstri San. Ve Tic. A.S.	12/01/2023	4320302	23743599.5	
4320471	Scintil Photonics	23/03/2022	4320471	22718249.0	French
4320476	Apple Inc.	10/05/2022	4320476	22727586.4	
4320529	Xero Limited	19/08/2021	4320529	21936171.4	
4321251	ARKRAY, Inc.	14/08/2023	4321251	23191371.6	
4321253	Sartorius Stedim North America Inc.	09/08/2022	4321253	22189563.4	German
4321352	Cheng Shin Rubber Ind. Co., Ltd.	08/08/2023	4321352	23190294.1	
4321501	Zhejiang Xinhua Chemical Co., Ltd. Ningxia Xinhua Chemical Co., Ltd.	27/12/2022	4321501	22938726.1	
4321745	RTX Corporation	14/08/2023	4321745	23191410.2	
4321756	LG Electronics Inc.	11/08/2023	4321756	23191001.9	
4321764	Accuride International GmbH	01/08/2023	4321764	23188828.0	German

4321784	SMC Corporation	21/03/2022	4321784	23219388.8	
4321867	Luminex Corporation	11/08/2014	4321867	23202275.6	
4322126	WAYMO LLC	11/08/2023	4322126	23191102.5	
4322139	Samsung Electronics Co., Ltd.	31/08/2022	4322139	22865048.7	
4322524	Huawei Technologies Co., Ltd.	25/04/2022	4322524	22794838.7	
4323159	BAE SYSTEMS plc	13/04/2022	4323159	22718763.0	
4324532	Shandong Li De Fitness Co., Ltd	25/06/2023	4324532	23758195.4	
4324619	Nissei Plastic Industrial Co., Ltd.	07/08/2023	4324619	23189965.9	
4324725	AUDI AG	01/06/2023	4324725	23176710.4	German
4324965	Qingdao University	09/05/2022	4324965	22806685.8	
4325036	PRATT & WHITNEY CANADA CORP.	18/08/2023	4325036	23192236.0	
4325077	Elbe Holding GmbH & Co. KG	09/08/2023	4325077	23190462.4	German
4325215	Hübner GmbH & Co. KG	19/08/2022	4325215	22191208.2	German
4325227	Heraeus Precious Metals GmbH & Co. KG	16/08/2022	4325227	22190456.8	German
4325272	Fuyao Glass Industry Group Co., Ltd.	30/11/2022	4325272	22900494.0	
4325316	Airbus Operations Limited	04/08/2023	4325316	23189837.0	
4325470	Jiangxi MTC Visual Display Co., Ltd	03/08/2022	4325470	22919303.2	
4325471	Jiangxi MTC Visual Display Co., Ltd	03/08/2022	4325471	22919304.0	
4325558	Changxin Memory Technologies, Inc.	01/08/2022	4325558	22830682.5	
4325646	LG Energy Solution, Ltd.	03/08/2022	4325646	22856096.7	
4325700	Huawei Digital Power Technologies Co., Ltd.	09/05/2022	4325700	22803818.8	
4325804	Umbra Technologies Ltd.	07/04/2016	4325804	23201399.5	
4326040	Kuhn SAS	20/04/2022	4326040	22723665.0	French
4327327	Personalis, Inc.	21/04/2022	4327327	22722627.1	
4327419	TRUMPF Laser- und Systemtechnik SE	22/04/2022	4327419	22725181.6	German
4327759	Storz Medical AG	25/08/2022	4327759	22192131.5	German
4327760	STORZ MEDICAL AG	25/08/2022	4327760	22192132.3	German
4327762	STORZ MEDICAL AG	25/08/2022	4327762	22192134.9	German
4328133	Lockheed Martin Corporation	01/08/2023	4328133	23188877.7	
4328396	BRUSTOR NV	24/08/2023	4328396	23193261.7	
4328468	Pfeiffer Vacuum Technology AG	15/12/2023	4328468	23217120.7	German
4328562	Tianjin Zwinsoft Technology Co., Ltd.	01/06/2023	4328562	23176797.1	
4328668	Honor Device Co., Ltd.	12/08/2022	4328668	22897230.3	
4329460	Samsung Display Co., Ltd.	25/08/2023	4329460	23193590.9	
4330509	Tenaris Connections B.V.	21/04/2022	4330509	22718734.1	
4331469	ACMIT GmbH	30/08/2022	4331469	22192915.1	German
	QMP Holding GmbH				
4331483	ASICS Corporation	09/08/2023	4331483	23190521.7	
4331529	Shanghai Smartee Denti-Technology Co., Ltd.	18/02/2022	4331529	22794286.9	
4331813	Zhuhai Sailner 3D Technology Co., Ltd.	30/08/2021	4331813	21938821.2	
4331819	The Boeing Company	21/08/2023	4331819	23192343.4	
4331827	Huber SE	07/08/2023	4331827	23190028.3	German
4331850	Ricoh Company, Ltd.	22/08/2023	4331850	23192556.1	
4331935	Hyundai Mobis Co., Ltd.	22/08/2023	4331935	23192779.9	
4331962	Giant Manufacturing Co., Ltd.	28/08/2023	4331962	23193665.9	
4332107	LG Chem, Ltd.	18/04/2022	4332107	22816295.4	
4332147	MITSUBISHI GAS CHEMICAL COMPANY, INC.	18/04/2022	4332147	22795623.2	
4332411	ArvinMeritor Technology, LLC	18/08/2023	4332411	23192178.4	
4332423	RWE Gas Storage West GmbH	01/08/2023	4332423	23188888.4	German
4332515	Shenzhen Guli Technology Co., Ltd.	10/05/2021	4332515	21938586.1	
4333171	LG Energy Solution, Ltd.	09/03/2023	4333171	23799553.5	
4333538	Huawei Technologies Co. Ltd.	27/06/2022	4333538	22836754.6	
4334138	Giesecke+Devrient Currency Technology GmbH	21/03/2022	4334138	22717729.2	German
4335065	Huawei Technologies Co., Ltd.	28/04/2022	4335065	22723922.5	
4335258	Microsoft Technology Licensing, LLC	09/04/2022	4335258	22720176.1	
4335580	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.)	26/05/2022	4335580	22824770.6	
4335857	Anhui Jinhe Industrial Co., Ltd.	07/05/2021	4335857	21939686.8	

4336032	Rolls-Royce plc	09/08/2023	4336032	23190602.5	
4336146	Honeywell International Inc.	21/08/2023	4336146	23192330.1	
4336504	Samsung Electronics Co., Ltd.	04/08/2022	4336504	22853495.4	
4336870	Telefonaktiebolaget LM Ericsson (publ)	30/04/2021	4336870	23211095.7	
4337146	Appsocial.org Stiftung	04/05/2022	4337146	22727820.7	German
4337532	Safran Seats GB Limited	05/05/2022	4337532	22723729.4	
4337582	Valmet Tissue Converting S.r.l.	12/05/2022	4337582	22729287.7	
4337664	Addex Pharma S.A.	13/05/2022	4337664	22728261.3	
4338470	Telefonaktiebolaget LM Ericsson (publ)	10/05/2022	4338470	22725543.7	
4339027	Alps Alpine Co., Ltd.	28/08/2023	4339027	23193770.7	
4339458	Mitsubishi Heavy Industries, Ltd.	28/07/2022	4339458	22861052.3	
4339514	Rolls-Royce plc	15/08/2023	4339514	23191461.5	
4340103	SK On Co., Ltd.	15/08/2023	4340103	23191472.2	
4340109	HOPPECKE Batterien GmbH & Co. KG.	28/08/2023	4340109	23193772.3	German
4340383	Honor Device Co., Ltd.	18/08/2022	4340383	22913408.5	
4340664	PUMA SE	18/05/2022	4340664	22727442.0	
4341074	Rovema GmbH	04/05/2022	4341074	22727816.5	German
4341136	ZF CV Systems Global GmbH	05/05/2022	4341136	22728086.4	German
4341554	Frigstad Engineering (Norway) AS	09/03/2023	4341554	23804882.1	
4342439	Motion Advantage Verwaltungs-GmbH	30/08/2023	4342439	23194159.2	German
4342536	VeroScience LLC	29/04/2013	4342536	23214280.2	
4343503	Wacom Co., Ltd.	03/08/2015	4343503	24156285.9	
4343638	Fujitsu Limited	14/09/2023	4343638	23197379.3	
4343734	The Boeing Company	07/08/2023	4343734	23189936.0	
4344005	Huawei Digital Power Technologies Co., Ltd.	30/11/2021	4344005	21965954.7	
4344158	Huawei Technologies Co., Ltd.	17/06/2021	4344158	21945468.3	
4344303	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	02/07/2021	4344303	21947668.6	
4344609	Hammann GmbH	30/09/2022	4344609	22199043.5	German
4344889	Ricoh Company, Ltd.	07/08/2023	4344889	23190014.3	
4345346	Cooler Master Co., Ltd.	20/04/2023	4345346	23168927.4	
4346245	Honor Device Co., Ltd.	25/08/2022	4346245	22902895.6	
4346291	INTEL Corporation	17/07/2023	4346291	23185768.1	
4347289	Webasto SE	30/05/2022	4347289	22732940.6	German
4347493	Linde GmbH	09/05/2022	4347493	22728037.7	
4348350	ASML Netherlands B.V.	22/04/2022	4348350	22723689.0	
4348393	Google LLC	19/08/2022	4348393	22768585.6	
4348476	Billon Sp. z o.o.	27/05/2022	4348476	22733892.8	
4349217	Tryking Development Corporation	03/10/2023	4349217	23201342.5	
4349220	King Slide Works Co., Ltd.	04/04/2023	4349220	23166475.6	
4349425	King Slide Technology Co., Ltd.				
4349425	NEUTECH WELLNESS CO., LTD.	06/12/2022	4349425	22925255.6	
4349437	PRG Projects nv	06/10/2023	4349437	23202193.1	
4349574	Deutsches Zentrum für Luft- und Raumfahrt e.V.	05/10/2023	4349574	23201806.9	German
4349697	Yamaha Hatsudoki Kabushiki Kaisha	18/07/2023	4349697	23186016.4	
4350062	Asahi Kasei Kabushiki Kaisha	30/05/2022	4350062	22816066.9	
4350600	Verona Holdings Sezc	29/03/2019	4350600	23211127.8	
	Yantis, Jonathan				
	Quigley, William				
4350887	Honor Device Co., Ltd.	23/08/2022	4350887	22899981.9	
4351229	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	26/08/2021	4351229	21954539.9	
4351378	Meyer, Andreas	06/05/2022	4351378	22727248.1	German
4351412	Google LLC	29/08/2022	4351412	22773071.0	
4351487	Hollister Incorporated	07/06/2022	4351487	22738805.5	
4352295	RAIZ - Instituto De Investigação Da Floresta E Papel	06/06/2022	4352295	22740483.7	
4353135	Beijing Roborock Technology Co., Ltd.	15/04/2019	4353135	24161241.5	
4356132	F. Hoffmann-La Roche AG	15/06/2022	4356132	22733947.0	
4356824	i-Sens, Inc.	21/06/2019	4356824	24161423.9	

4356853	NuVasive Specialized Orthopedics, Inc.	11/10/2023	4356853	23203061.9	
4357058	Amada Co., Ltd.	26/05/2022	4357058	22824763.1	
	Amada Machinery Co., Ltd.				
4357076	Bürgisser, Romeo	19/10/2023	4357076	23204706.8	German
4357079	Max Co., Ltd.	18/10/2023	4357079	23204414.9	
4357445	ENEOS Corporation	29/07/2022	4357445	22849628.7	
4357597	Scania CV AB	19/10/2022	4357597	22202354.1	
4357600	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	11/03/2022	4357600	22824564.3	
4357834	Swarovski-Optik AG & Co KG.	12/11/2020	4357834	24161755.4	German
4358463	Wilus Institute of Standards and Technology Inc.	04/05/2020	4358463	24162443.6	
4358464	Wilus Institute of Standards and Technology Inc.	04/05/2020	4358464	24162473.3	
4358500	Samsung Electronics Co., Ltd.	30/05/2023	4358500	23728576.2	
4358531	Google LLC	14/11/2016	4358531	24162634.0	
4358586	Telefonaktiebolaget LM Ericsson (publ)	01/05/2020	4358586	23213888.3	
4358702	DeLaval Holding AB	21/06/2022	4358702	22738078.9	
4358705	Société des Produits Nestlé S.A.	26/08/2022	4358705	22769779.4	
4358838	Whoop, Inc.	04/08/2023	4358838	23761406.0	
4358866	Covidien LP	16/06/2022	4358866	22740964.6	
4361559	Seiko Epson Corporation	29/08/2023	4361559	23193845.7	
4362439	Samsung Electronics Co., Ltd.	13/10/2022	4362439	22881373.9	
4362813	Covidien LP	16/06/2022	4362813	22740966.1	
4363070	Razer (Asia-Pacific) Pte. Ltd.	29/06/2021	4363070	21948607.3	
4363269	Goliath Mouldings Limited	29/06/2022	4363269	22736271.2	
4363281	Mobileye Vision Technologies Ltd.	24/06/2022	4363281	22738028.4	
4363367	Prestige Italia S.P.A.	03/05/2022	4363367	22727789.4	
4364394	JPMorgan Chase Bank, N.A.	25/05/2022	4364394	22833866.1	
4364599	D-Air Lab S.r.l.	02/11/2023	4364599	23207495.5	
4364701	Warsaw Orthopedic, Inc.	17/03/2017	4364701	24154979.9	
4364989	Huawei Digital Power Technologies Co., Ltd.	19/07/2021	4364989	21950410.7	
4365230	The Goodyear Tire & Rubber Company	31/10/2023	4365230	23206880.9	
4365568	The Procter & Gamble Company	02/11/2023	4365568	23207433.6	
4366342	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	06/07/2022	4366342	22857461.2	
4367011	Brose Antriebstechnik GmbH & Co. Kommanditgesellschaft, Berlin	07/07/2022	4367011	22740891.1	German
4367051	TESA SE	08/07/2022	4367051	22747009.3	German
4367440	Linde GmbH	01/06/2022	4367440	22731064.6	German
4368262	Anhui Champion Intelligent Manufacturing Technology Co., Ltd	16/11/2021	4368262	21954795.7	
4368338	XPole Precision Tools Inc.	10/11/2022	4368338	22206556.7	
4368342	XPole Precision Tools Inc.	10/11/2022	4368342	22206558.3	
4368369	MERTENS NV	25/02/2022	4368369	24167712.9	
4368421	The Goodyear Tire & Rubber Company	09/11/2023	4368421	23208913.6	
4368792	ecoworks GmbH	20/10/2023	4368792	23204772.0	German
4368818	Albonair GmbH	19/07/2023	4368818	23186466.1	German
4368888	General Electric Company	09/10/2023	4368888	23202534.6	
4369008	Bender GmbH & Co. KG	12/10/2023	4369008	23203212.8	German
4369113	Blancpain SA	23/12/2019	4369113	24159406.8	French
4369131	Andreev, Pavel Ruslanovich	31/08/2023	4369131	23194686.4	
4369966	Philip Morris Products, S.A.	12/07/2022	4369966	22736309.0	
4370675	10X Genomics, Inc.	10/08/2022	4370675	22762200.8	
4371538	Aquesys, Inc.	19/02/2021	4371538	24169164.1	
4371607	Daram Inc.	11/10/2022	4371607	22936710.7	
4371789	The Goodyear Tire & Rubber Company	14/11/2023	4371789	23209940.8	
4371876	Safran Landing Systems UK Limited	28/06/2021	4371876	24168000.8	
4372476	Zhuhai Pantum Electronics Co., Ltd.	21/11/2023	4372476	23211030.4	
4373384	Sobel, Noam	19/07/2022	4373384	22748488.8	
4374069	Schwing GmbH	04/07/2022	4374069	22744427.0	German

4374126	Lindain Engineering, Inc.	15/07/2022	4374126	22846764.3	
4375037	Mitsubishi Chemical Corporation	20/05/2022	4375037	22845683.6	
4375098	Daikin Industries, Ltd.	16/04/2020	4375098	24169656.6	
4375451	Huga KG	09/10/2023	4375451	23202448.9	German
4375815	Advanced Magnetic Interaction, AMI	24/11/2022	4375815	22306735.6	
4376214	HENSOLDT Sensors GmbH	25/11/2022	4376214	22209721.4	
4376303	Elmos Semiconductor SE	10/08/2021	4376303	24020075.8	German
4376454	Samsung Electronics Co., Ltd.	03/11/2022	4376454	22895914.4	
4376527	Huawei Technologies Co. Ltd.	12/08/2022	4376527	22857707.8	
4376601	Van de Ven Beheer B.V.	27/07/2022	4376601	22762151.3	
4376644	JT International SA	29/07/2022	4376644	22755234.6	
4376743	Stryker Corporation	28/07/2022	4376743	22755030.8	
4378348	Samsung Electronics Co., Ltd.	08/08/2022	4378348	22853580.3	
4378675	The Goodyear Tire & Rubber Company	24/11/2023	4378675	23212117.8	
4378718	Benteler Automobiltechnik GmbH	30/11/2022	4378718	22210563.7	German
4378809	J.D Components Co., Ltd.	13/11/2023	4378809	23209287.4	
4379106	JUKI Corporation	28/11/2023	4379106	23212505.4	
4379109	JUKI Corporation	28/11/2023	4379109	23212591.4	
4379132	Depco-Trh Pty Ltd	01/12/2022	4379132	22210882.1	
4379190	RTX Corporation	29/11/2023	4379190	23213138.3	
4379346	The Goodyear Tire & Rubber Company	24/11/2023	4379346	23212111.1	
4380129	Huawei Technologies Co. Ltd.	23/08/2022	4380129	22860517.6	
4380387	Nicoventures Trading Limited	04/08/2022	4380387	22761174.6	
4380528	The Braun Corporation	04/08/2022	4380528	22764487.9	
4380572	OnychoPharm GmbH	03/08/2022	4380572	22757841.6	
	epinamics GmbH				
4380595	ImmunOs Therapeutics AG	05/08/2022	4380595	22761217.3	
4380737	Tenova S.p.A.	04/08/2022	4380737	22764454.9	
4380824	Atieva, Inc.	03/08/2022	4380824	22772746.8	
4380928	Flare Therapeutics Inc.	04/08/2022	4380928	22761764.4	
4380968	ImmunOs Therapeutics AG	05/08/2022	4380968	22761216.5	
4381014	Röhm GmbH	04/08/2022	4381014	22760960.9	
4381021	Swimc LLC	04/08/2022	4381021	22786563.1	
4381154	PERI SE	04/08/2022	4381154	22760968.2	German
4381163	PS Industries Incorporated	05/08/2022	4381163	22761789.1	
4381270	Illinois Tool Works Inc.	01/08/2022	4381270	22853756.9	
4382211	Exel Industries	06/12/2023	4382211	23214513.6	French
4382741	Hamilton Sundstrand Corporation	05/12/2023	4382741	23214454.3	
4382747	Hamilton Sundstrand Corporation	05/12/2023	4382747	23214250.5	
4382776	Safran Transmission Systems	04/12/2023	4382776	23214023.6	French
4384223	GlaxoSmithKline Intellectual Property Development Limited	12/08/2022	4384223	22757697.2	
4384260	BIOTRONIK SE & Co. KG	08/08/2022	4384260	22764662.7	
4384287	Freeaim Technologies Limited	10/08/2022	4384287	22764411.9	
4384318	Hahn-Schickard-Gesellschaft für angewandte Forschung e. V.	09/08/2022	4384318	22758554.4	German
4384585	D.M.S	12/08/2022	4384585	22772792.2	French
4384785	BRP-Rotax GmbH & Co. KG	12/08/2022	4384785	22764748.4	
4384814	UNIVERSIDAD ROVIRA I VIRGILI (URV)	08/08/2022	4384814	22760995.5	
4384855	Saudi Arabian Oil Company	12/08/2022	4384855	22765658.4	
4385045	NRG PALLAS B.V.	11/08/2022	4385045	22765068.6	
4385321	Mayer Verwaltungs GmbH & Co. KG	12/12/2023	4385321	23215968.1	German
4385715	The Boeing Company	13/12/2023	4385715	23216222.2	
4385758	Sumitomo Rubber Industries, Ltd.	30/11/2023	4385758	23213389.2	
4385871	Yamaha Hatsudoki Kabushiki Kaisha	01/08/2023	4385871	23188914.8	
4386390	Tecan Trading AG	23/11/2023	4386390	23211693.9	
4386692	Mashang Consumer Finance Co., Ltd.	26/06/2023	4386692	23842011.1	
4387017	Stanley Electric Co. Ltd.	01/09/2022	4387017	22869822.1	
4387382	Telefonaktiebolaget LM Ericsson (publ)	12/08/2021	4387382	24174087.7	
4387438	Nögel, Claudia	09/08/2022	4387438	22764398.8	German

4387493	Hameur	31/08/2022	4387493	22769736.4	French
4387570	MITRASTREAM HEART VALVE TECHNOLOGY GMBH	19/08/2022	4387570	22768662.3	German
4387578	The Braun Corporation	15/08/2022	4387578	22765664.2	
4387694	SHL Medical AG	03/08/2022	4387694	22761476.5	
4387854	JOST-Werke Deutschland GmbH	14/08/2022	4387854	22764466.3	German
4389180	3C Project Technologies Limited	20/12/2022	4389180	22215221.7	
4389243	Zedel	13/12/2023	4389243	23216189.3	French
4389615	Airbus Operations GmbH	19/12/2022	4389615	22214506.2	German
4390267	Next2Sun Technology GmbH	22/12/2022	4390267	22216019.4	German
4390447	SICK AG	16/11/2023	4390447	23210385.3	German
4390594	Tencent Technology (Shenzhen) Company Limited	02/08/2023	4390594	23862107.2	
4390926	Imec VZW	22/12/2022	4390926	22215794.3	
4391253	Sony Group Corporation	09/03/2022	4391253	22860834.5	
4391349	The Swatch Group Research and Development Ltd	23/12/2022	4391349	22216620.9	French
4391462	Huawei Technologies Co., Ltd.	23/04/2020	4391462	24156190.1	
4391503	Honor Device Co., Ltd.	10/04/2023	4391503	23821850.7	
4391838	Philip Morris Products, S.A.	16/08/2022	4391838	22765103.1	
4391978	Kimebo UG (Haftungsbeschränkt)	23/08/2022	4391978	22786279.4	German
4392084	American Sterilizer Company	22/08/2022	4392084	22768553.4	
4392285	Wonderland Switzerland AG	23/08/2022	4392285	22768766.2	
4392369	Yara International ASA	25/08/2022	4392369	22768824.9	
4392370	Yara International ASA	25/08/2022	4392370	22768825.6	
4392371	Yara International ASA	25/08/2022	4392371	22769199.5	
4392765	Industrial Intelligence, Inc.	25/08/2022	4392765	22862059.7	
4393512	Mitsubishi Chemical Corporation	23/08/2022	4393512	22861344.4	
4393685	Knaipp, Ortwin	18/10/2023	4393685	23204382.8	German
4393805	Berria Bike, S.L.	25/08/2023	4393805	23382876.3	
4393965	Japan Polypropylene Corporation	08/08/2022	4393965	22861128.1	
4394018	Zhejiang Comy Environment Technology Co., Ltd	31/05/2022	4394018	22879855.9	
4394163	PRATT & WHITNEY CANADA CORP.	02/01/2024	4394163	24150083.4	
4394412	Panasonic Intellectual Property Management Co., Ltd.	26/07/2022	4394412	22861034.1	
4394573	Huawei Technologies Co. Ltd.	30/05/2022	4394573	22871446.5	
4395650	Mazor Robotics Ltd.	30/08/2022	4395650	22783051.0	
4395903	LEGO A/S	30/08/2022	4395903	22772818.5	
4396168	ArianeGroup SAS	30/08/2022	4396168	22773751.7	French
	Centre National de la Recherche Scientifique				
	UNIVERSITE CLAUDE BERNARD - LYON 1				
4396536	Landis+Gyr Technology, Inc.	29/08/2022	4396536	22782786.2	
4396553	Precision Planting LLC	22/08/2022	4396553	22765632.9	
4397420	Crawler Oy	19/12/2023	4397420	23218048.9	
4398483	Telefonaktiebolaget LM Ericsson (publ)	29/08/2019	4398483	24177413.2	
4398720	Innovafeed	22/08/2022	4398720	22776968.4	French
4398727	San Cristoforo Solution SRL	10/08/2022	4398727	22758279.8	
4399162	Capartis AG	31/08/2022	4399162	22773132.0	German
4399496	Endress+Hauser Flowtec AG	12/08/2022	4399496	22765493.6	German
4399573	ASML Netherlands B.V.	22/08/2022	4399573	22768710.0	
4399789	Innomotics GmbH	12/07/2022	4399789	22751023.7	
4400333	Sumitomo Rubber Industries, Ltd.	21/12/2023	4400333	23219117.1	
4400414	The Boeing Company	07/12/2023	4400414	23214995.5	
4400689	VKR Holding A/S	11/01/2024	4400689	24151427.2	
4401498	InterDigital Patent Holdings, Inc.	23/06/2016	4401498	24179031.0	
4402001	Renault s.a.s	03/08/2022	4402001	22760942.7	French
4402396	EagleBurgmann Germany GmbH & Co. KG	02/08/2022	4402396	22760715.7	German
4402956	Nokia Technologies Oy	17/09/2021	4402956	21778088.1	

4402966	ZTE Corporation	04/11/2021	4402966	21962850.0	
4403516	Hindustan Petroleum Corporation Limited	11/05/2023	4403516	23172973.2	
4403685	Xiamen Dangs New-Materials Co., Ltd.	23/03/2023	4403685	23838451.5	
4403708	CNH Industrial Italia S.p.A.	16/01/2024	4403708	24152253.1	
4403837	IMI Hydronic Engineering International SA	20/01/2023	4403837	23152660.9	
4403935	Volvo Car Corporation	17/01/2023	4403935	23151996.8	
4404051	Arlo Technologies, Inc.	16/01/2024	4404051	24152096.4	
4404294	Hindustan Petroleum Corporation Limited	11/05/2023	4404294	23172954.2	
4404316	Hon Hai Precision Industry Co., Ltd. SolidEdge Solution Inc.	28/06/2023	4404316	23182141.4	
4404494	Huawei Technologies Co. Ltd.	27/03/2018	4404494	24162825.4	
4405000	Sanofi	22/09/2022	4405000	22782727.6	
4405281	MOST Technik GmbH	03/08/2022	4405281	22753582.0	German
4405300	ExxonMobil Technology and Engineering Company	26/08/2022	4405300	22772760.9	
4405314	Brembo S.p.A.	23/09/2022	4405314	22789682.6	
4405574	Mercedes-Benz Group AG	11/08/2022	4405574	22764424.2	German
4405762	Siemens Aktiengesellschaft	24/10/2022	4405762	22803321.3	German
4406646	Hindustan Petroleum Corporation Limited	27/03/2023	4406646	23164475.8	
4406681	Nanjing Chervon Industry Co., Ltd.	09/09/2022	4406681	22894411.2	
4406762	Sumitomo Rubber Industries, Ltd.	18/01/2024	4406762	24152571.6	
4406851	Airbus SAS AIRBUS OPERATIONS (S.A.S.)	10/01/2024	4406851	24151106.2	French
4407282	Airbus Helicopters	21/12/2023	4407282	23219344.1	French
4409179	IMI Hydronic Engineering International SA	08/09/2022	4409179	22773703.8	
4410691	Tetra Laval Holdings & Finance S.A.	25/01/2024	4410691	24153893.3	
4410767	Röhm GmbH	03/02/2023	4410767	23154829.8	German
4411117	Hamilton Sundstrand Corporation	31/01/2024	4411117	24155052.4	
4411649	Nintendo Co., Ltd.	25/02/2021	4411649	24183426.6	
4411995	Infineon Technologies AG	06/02/2023	4411995	23155082.3	
4412443	Yara International ASA	05/10/2022	4412443	22793183.9	
4412943	OAM GmbH	23/02/2022	4412943	22715535.5	German
4412957	ExxonMobil Technology and Engineering Company	26/08/2022	4412957	22772761.7	
4413598	MBDA UK Limited	06/10/2022	4413598	22790006.5	
4414254	HL Mando Corporation	10/07/2023	4414254	23184418.4	
4414275	MULTIVAC Sepp Haggenmüller SE & Co. KG	01/02/2024	4414275	24155286.8	German
4414439	SK Innovation Co., Ltd. SK Geo Centric Co., Ltd.	20/10/2022	4414439	22884064.1	
4414518	BRUSTOR NV	30/01/2024	4414518	24154608.4	
4415082	Commissariat à l'Energie Atomique et aux Energies Alternatives	08/02/2024	4415082	24156582.9	French
4415496	Huawei Digital Power Technologies Co., Ltd.	06/02/2024	4415496	24156033.3	
4416472	Siemens Aktiengesellschaft	14/10/2022	4416472	22801817.2	German
4416838	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	07/10/2022	4416838	22801396.7	German
4417009	Telefonaktiebolaget LM Ericsson (publ)	13/10/2022	4417009	22797860.8	
4417102	BISSELL Inc.	01/12/2020	4417102	24186692.0	
4417405	Largan Precision Co. Ltd.	12/02/2024	4417405	24157043.1	
4417427	Haute école d'ingénierie et d'architecture Fribourg	14/02/2023	4417427	23156473.3	
4417708	PML Screening, LLC Université Paris-Saclay The Assistance Publique-Hôpitaux de Paris (APHP) The Institut National de la Santé et de la Recherche Médicale (INSERM)	08/08/2019	4417708	24173683.4	
4417725	Gaona Aero Material Co., Ltd.	11/08/2023	4417725	23798076.8	
4418108	STMicroelectronics International N.V.	31/01/2024	4418108	24154944.3	
4418371	Tampere University Foundation sr	16/02/2023	4418371	23157073.0	

4418848	Komatsu Forest AB	18/10/2022	4418848	22802626.6	
4418849	Komatsu Forest AB	18/10/2022	4418849	22802627.4	
4419983	Signify Holding B.V.	18/10/2022	4419983	22800301.8	
4420301	Qualcomm Incorporated	31/08/2022	4420301	22777464.3	
4420506	CLAAS Selbstfahrende Erntemaschinen GmbH	14/12/2023	4420506	23216552.2	German
4420879	Bundesdruckerei GmbH	19/02/2024	4420879	24158272.5	German
4421064	Zhejiang Keming Biopharmaceutical Co., Ltd ZheJiang Medicine Co., Ltd. Xinchang Pharmaceutical Factory	22/02/2024	4421064	24159151.0	
4421669	Zenseact AB	24/02/2023	4421669	23158427.7	
4421956	MANN+HUMMEL GmbH	27/02/2023	4421956	23158678.5	
4422744	Elekta AB (PUBL)	25/10/2021	4422744	21801070.0	
4422770	Metso Finland Oy	28/10/2022	4422770	22814131.3	
4422889	JOST-Werke Deutschland GmbH	27/10/2022	4422889	22801560.8	German
4423155	Covestro (Netherlands) B.V.	25/10/2022	4423155	22813096.9	
4423177	Tarkett GDL	28/10/2022	4423177	22813141.3	
4423341	Energy Membrane GmbH	27/10/2022	4423341	22813394.8	German
4423399	Parker-Hannifin Corporation	02/02/2023	4423399	23708649.1	
4423650	ASSA ABLOY AB	26/10/2022	4423650	22809428.0	
4423964	ASSA ABLOY AB	26/10/2022	4423964	22809427.2	
4424144	McHale Engineering Unlimited Company	04/03/2024	4424144	24161235.7	
4424184	Shenzhen First Union Technology Co., Ltd.	26/10/2018	4424184	24188996.3	
4424337	Stryker European Operations Limited	15/12/2020	4424337	24189344.5	
4424453	Mercedes-Benz Group AG	30/01/2024	4424453	24154690.2	German
4424946	Vinderen Brand Management Spółka z ograniczona odpowiedzialnoscia	12/01/2024	4424946	24151730.9	
4426166	Limitless S.r.l.	26/10/2022	4426166	22803381.7	
4426650	Spuma	27/11/2023	4426650	23812958.9	French
4426776	Evonik Operations GmbH	28/10/2022	4426776	22813165.2	
4426900	Caterpillar Inc.	01/11/2022	4426900	22818970.0	
4427831	Hamilton Sundstrand Corporation	19/02/2024	4427831	24158314.5	
4427879	DGSHAPE Corporation	04/03/2024	4427879	24161124.3	
4428040	DENSO CORPORATION	20/10/2022	4428040	22889784.9	
4428330	Edscha Engineering GmbH	05/03/2024	4428330	24161355.3	German
4428500	KROHNE Messtechnik GmbH	22/01/2024	4428500	24153106.0	German
4428774	ABB SCHWEIZ AG	10/03/2023	4428774	23161301.9	
4428871	HEMOLENS DIAGNOSTICS SPÓLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA	09/03/2023	4428871	23461531.8	
4429866	Smart Plastify GmbH	04/11/2022	4429866	22829666.1	German
4429899	AGCO International GmbH	25/08/2022	4429899	22769387.6	
4430150	Dow Silicones Corporation	03/11/2022	4430150	22822734.4	
4430266	Rohm and Haas Company				
4430266	Saudi Arabian Oil Company	10/11/2022	4430266	22839526.5	
4430360	Marposs Societa' Per Azioni	08/11/2022	4430360	22814033.1	
4430530	Technische Universiteit Delft	04/11/2022	4430530	22800849.6	
4431010	FUJIFILM Corporation	16/07/2020	4431010	24192373.9	
4431195	Envetec Sustainable Technologies Limited	16/03/2023	4431195	23162482.6	
4431240	Sanyu Seiki Corporation	28/10/2022	4431240	22907055.2	
4431352	VOLVO TRUCK CORPORATION	16/03/2023	4431352	23162228.3	
4431400	Goodrich Lighting Systems GmbH & Co. KG	14/03/2023	4431400	23161724.2	
4431868	CADstar Technology GmbH	12/03/2023	4431868	23161361.3	German
4431898	Hitachi, Ltd.	10/11/2023	4431898	23209244.5	
4431955	Supergrid Institute	10/03/2024	4431955	24162525.0	French
4433008	AMO Development, LLC	14/11/2022	4433008	22812797.3	
4433155	BIOTRONIK SE & Co. KG	10/11/2022	4433155	22822867.2	
4433157	Elekta Inc.	24/10/2022	4433157	22809044.5	
4433243	ASMAG-Holding GmbH	16/11/2022	4433243	22817064.3	German
4433288	VMI Holland B.V.	31/10/2022	4433288	22798389.7	

4433294	VMI Holland B.V.	31/10/2022	4433294	22798390.5	
4433315	Wuhan Lotus Cars Co., Ltd.	15/11/2021	4433315	21810022.0	
4433374	Viscon Group BE	15/11/2022	4433374	22809914.9	
4433378	A. Raymond et Cie	24/08/2022	4433378	22757608.9	French
4433673	DOKA GmbH	18/11/2022	4433673	22818691.2	German
4434132	Huawei Digital Power Technologies Co., Ltd.	20/12/2021	4434132	21843916.4	
4434150	Huawei Digital Power Technologies Co., Ltd.	13/12/2021	4434150	21836467.7	
4434213	Telefonaktiebolaget LM Ericsson (publ)	15/11/2021	4434213	21811537.6	
4434598	Xteam Software Solutions Societ� A Responsabilit� Limitata Simplificata Antonio Zamperla S.p.A.	19/03/2024	4434598	24164517.5	
4434722	Eme Engel Machinefabriek En Engineering B.V.	04/08/2023	4434722	24192315.0	
4435283	MAZDA MOTOR CORPORATION	15/02/2024	4435283	24157737.8	
4435755	The Boeing Company	06/02/2024	4435755	24156171.1	
4435773	Jancic, Silvin	01/03/2024	4435773	24160926.2	German
4435864	NANJING SINNOPOWER TECHNOLOGY CO., LTD.	13/01/2022	4435864	22912872.3	
4436742	Hilti Aktiengesellschaft	09/11/2022	4436742	22814062.0	
4436874	Safran Seats	16/11/2022	4436874	22818024.6	French
4437569	Fondazione Istituto Italiano di Tecnologia	24/10/2022	4437569	22797887.1	
4438290	Unilin, BV	11/01/2024	4438290	24151333.2	
4438988	VALEO SYSTEMES THERMIQUES	28/03/2023	4438988	23164828.8	
4439360	Sage Global Services Limited	30/03/2023	4439360	23165414.6	
4441022	Universit� de Strasbourg Centre National de la Recherche Scientifique	25/11/2022	4441022	22822458.0	
4441176	Evonik Operations GmbH	01/12/2022	4441176	22829703.2	
4441189	Henkel AG & Co. KGaA	10/11/2022	4441189	22801841.2	German
4441400	Schaeffler Technologies AG & Co. KG	30/11/2022	4441400	22823506.5	German
4441559	Commissariat � l'Energie Atomique et aux Energies Alternatives	29/11/2022	4441559	22822182.6	French
4441922	Hughes Network Systems, LLC	22/09/2022	4441922	22792965.0	
4442044	QUALCOMM INCORPORATED	27/10/2022	4442044	22813055.5	
4442481	BYD Company Limited	25/10/2019	4442481	24193741.6	
4445052	EagleBurgmann Germany GmbH & Co. KG	17/10/2022	4445052	22802965.8	German
4445890	Permobil AB	11/04/2023	4445890	23167279.1	
4446329	China Petrochemical Development Corporation, Taipei (Taiwan) National Cheng Kung University	09/04/2024	4446329	24169282.1	
4446588	Gree Electric Appliances, Inc. of Zhuhai	01/12/2022	4446588	22903296.6	
4446646	Zumtobel Lighting GmbH	13/04/2023	4446646	23167651.1	
4447048	Fraunhofer-Gesellschaft zur F�rderung der angewandten Forschung e.V.	03/07/2015	4447048	24198100.0	
4447891	Adalvo Limited LABOMED PHARMACEUTICAL COMPANY S.A.	16/12/2022	4447891	22840075.0	
4448085	BIOTRONIK SE & Co. KG	06/12/2022	4448085	22830508.2	
4448245	BARNES GROUP INC.	06/12/2022	4448245	22851072.3	
4449224	Danfoss A/S	25/11/2022	4449224	22822100.8	
4449745	ASSA ABLOY AB	15/12/2022	4449745	22835787.7	
4451346	JINKO SOLAR CO., LTD Zhejiang Jinko Solar Co., Ltd.	23/08/2023	4451346	23192969.6	
4452275	Institut National de la Sant� et de la Recherche M�dicale (INSERM) Sorbonne Universit� Universit� Paris Cit� APHP (Assistance Publique - H�pitaux de Paris)	20/12/2022	4452275	22840667.4	

4452345	Wishbone	22/12/2022	4452345	22844101.0	French
4452536	Primetals Technologies Austria GmbH	21/12/2022	4452536	22843676.2	German
4452932	Stamicarbon B.V.	19/12/2022	4452932	22829621.6	
4453115	Dow Global Technologies LLC	23/12/2021	4453115	21843875.2	
4453296	Vitrulan Composites Oy	14/12/2022	4453296	22836148.1	
4453347	Renson NV	12/12/2022	4453347	22826222.6	
4453884	Snap Inc.	12/12/2022	4453884	22847345.0	
4454841	NIPPON TUNGSTEN CO., LTD.	10/04/2024	4454841	24169356.3	
4454883	ACCO Brands Corporation	13/12/2023	4454883	23216486.3	
4454959	DENSO CORPORATION	20/12/2022	4454959	22911209.9	
4455029	MULTIVAC Sepp Haggenmüller SE & Co. KG	08/04/2024	4455029	24168909.0	German
4455059	Tetra Laval Holdings & Finance S.A.	19/04/2024	4455059	24171171.2	
4455482	Zhang, Fan	21/12/2021	4455482	21968481.8	
4455560	Daikin Europe N.V.	24/04/2023	4455560	23169623.8	
4456318	Kapsch TrafficCom AG	26/04/2023	4456318	23170058.4	
4457908	SMART Photonics Holding B.V.	23/12/2022	4457908	22840772.2	
4458332	Guangzhou New Design Biotechnology Co., Ltd	15/04/2022	4458332	22913045.5	
4458502	ShenZhen Rayshine Automation Technology Co., Ltd.	19/12/2023	4458502	23218272.5	
4458604	Volvo Car Corporation	02/05/2024	4458604	24173855.8	
4458639	LEITNER S.p.A.	30/04/2024	4458639	24173258.5	
4460427	BHS Corrugated Maschinen-und Anlagenbau GmbH	24/04/2023	4460427	23722494.4	German
4460428	BHS Corrugated Maschinen-und Anlagenbau GmbH	07/06/2023	4460428	23732438.9	German
4460918	QUALCOMM INCORPORATED	24/10/2022	4460918	22813837.6	
4461096	Prado Europe B.V.	05/01/2023	4461096	23700170.6	
4461789	Afton Chemical Corporation	23/04/2024	4461789	24172033.3	
4462135	Honor Device Co., Ltd.	28/11/2023	4462135	23875920.3	
4462261	Samsung Electronics Co., Ltd.	23/08/2023	4462261	23192895.3	
4463017	JT International SA	16/01/2023	4463017	23701001.2	
4463327	Continental Reifen Deutschland GmbH	15/12/2022	4463327	22843119.3	German
4463361	ZF Friedrichshafen AG	20/12/2022	4463361	22840177.4	German
4463381	Gripple Automation Limited	17/10/2022	4463381	22800335.6	
4463445	Dorphan S.A.	23/12/2022	4463445	22840334.1	
4463553	Arnatar Therapeutics, Inc	18/12/2023	4463553	23855822.5	
4464262	LSI Solutions, Inc.	17/05/2024	4464262	24176498.4	
4464543	ABB E-mobility B.V.	16/05/2023	4464543	23173712.3	
4464646	Bear Robotics Korea, Inc.	08/01/2024	4464646	24150608.8	
4465053	Yokogawa Electric Corporation Yokogawa Test & Measurement Corporation	06/05/2024	4465053	24174379.8	
4465520	Düsseldorf, David	17/05/2023	4465520	23174011.9	German
4466859	Dolby Laboratories Licensing Corporation	19/12/2022	4466859	22847683.4	
4467458	Airbus Defence and Space, S.A.U.	26/05/2023	4467458	23382495.2	
4468932	Miele & Cie. KG	12/01/2023	4468932	23700769.5	German
4468944	L'OREAL	26/01/2023	4468944	23705463.0	
4469202	FORESA TECHNOLOGIES, S.L.U.	24/01/2023	4469202	23702403.9	
4469682	ATLAS COPCO AIRPOWER, naamloze vennootschap	09/12/2022	4469682	22826220.0	
4469758	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	24/01/2023	4469758	23701944.3	German
4470650	Purflux Filtration	21/05/2024	4470650	24177113.8	French
4471367	Polbud-Pomorze Sp. z o.o.	21/05/2024	4471367	24000054.7	
4471689	Deere & Company	31/05/2023	4471689	23176341.8	
4472445	DST Holding B.V.	31/01/2023	4472445	23703366.7	
4473877	Conti Valerio - S.r.l.	24/05/2024	4473877	24177863.8	
4474150	FUJIFILM Business Innovation Corp.	21/03/2024	4474150	24165035.7	
4474228	GRAMMER AG	08/05/2024	4474228	24174912.6	German
4474550	Stäubli Sargans AG	06/06/2023	4474550	23177703.8	

4474754	Benteler Automobiltechnik GmbH	07/06/2023	4474754	23177930.7	German
4474977	STMicroelectronics International N.V.	21/05/2024	4474977	24176991.8	
4475251	Samsung SDI Co., Ltd.	05/06/2024	4475251	24180097.8	
4475746	HEMOLENS DIAGNOSTICS SPÓLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA	10/02/2022	4475746	22705155.4	
4476163	Haulotte Group	06/02/2023	4476163	23702629.9	French
4476752	Hitachi Energy Ltd	11/02/2022	4476752	22709634.4	
4477041	W. L. Gore & Associates, Inc. W.L. Gore & Associates GmbH	06/02/2023	4477041	23709827.2	
4477434	Jiangsu Sanjo Intelligent Technology Co., Ltd.	28/08/2023	4477434	23798325.9	
4477591	Valmet Technologies Oy	06/05/2024	4477591	24174265.9	
4477828	SOBINCO NV	04/06/2024	4477828	24179800.8	
4479596	Holp GmbH	16/02/2023	4479596	23707654.2	German
4481263	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	15/04/2024	4481263	24170178.8	French
4481436	Topgolf Sweden AB	16/05/2024	4481436	24176334.1	
4482979	10X Genomics, Inc.	08/11/2023	4482979	23821822.6	
4483030	SAINT-GOBAIN GLASS FRANCE	21/02/2023	4483030	23707882.9	German
4483087	Robert Bosch GmbH	10/01/2023	4483087	23700653.1	German
4483602	InterDigital Patent Holdings, Inc.	04/04/2024	4483602	24721031.3	
4483675	Signify Holding B.V.	16/02/2023	4483675	23704372.4	
4484198	KUBOTA CORPORATION	17/06/2024	4484198	24182546.2	
4486577	Compagnie Générale des Etablissements Michelin	20/02/2023	4486577	23706582.6	French
4488226	HUBEI RT ADVANCED MATERIALS GROUP COMPANY LIMITED	30/11/2023	4488226	23213258.9	
4488673	Commissariat à l'Energie Atomique et aux Energies Alternatives	04/07/2024	4488673	24186586.4	French
4488908	Giesecke+Devrient advance52 GmbH	05/07/2023	4488908	23020336.6	
4489537	King Slide Works Co., Ltd. King Slide Technology Co., Ltd.	30/10/2023	4489537	23206662.1	
4490482	Robert Bosch GmbH	30/01/2023	4490482	23702573.9	German
4491650	Zhejiang Huangma Technology Co., Ltd. Zhejiang Huangma Shangyi New Material Co., Ltd. Zhejiang Huangma Chemical New Polymer Material Co., Ltd Zhejiang Lukean Chemical Co., Ltd.	09/04/2024	4491650	24169096.5	
4492310	Samsung SDS Co., Ltd.	09/07/2024	4492310	24187306.6	
4492873	Nokia Technologies Oy	22/07/2019	4492873	24174409.3	
4493446	Bastille Cycles	29/06/2023	4493446	23736328.8	French
4495321	KRAIBURG STRAIL GmbH & Co. KG	26/06/2024	4495321	24184534.6	German
4495489	Energy Machines ApS	18/07/2023	4495489	23186154.3	
4497668	HL Mando Corporation	19/12/2023	4497668	23218256.8	
4498803	Signify Holding B.V.	24/03/2023	4498803	23713387.1	
4500876	IniVation AG	19/09/2023	4500876	23777056.5	
4501091	KUBOTA CORPORATION	24/04/2024	4501091	24172216.4	
4502636	Bruker Biospin GmbH & Co. KG	04/08/2023	4502636	23189885.9	
4503524	ise Individuelle Software und Elektronik GmbH	01/08/2023	4503524	23188835.5	German
4504584	ZF Friedrichshafen AG	31/03/2023	4504584	23715166.7	German
4505160	Unilever Global IP Limited	02/03/2023	4505160	23709612.8	
4505398	Koninklijke Philips N.V.	02/04/2023	4505398	23716315.9	
4505787	Google LLC	12/08/2022	4505787	22785685.3	
4506316	Heraeus Quarzglas GmbH & Co. KG	08/08/2023	4506316	23190224.8	German
4506649	Modine Manufacturing Company	11/08/2023	4506649	23191133.0	
4507157	Geosatis SA	11/08/2023	4507157	23191186.8	
4508045	Nxera Pharma UK Limited	03/08/2023	4508045	23757194.8	
4508314	Onal, Emir	05/06/2023	4508314	23761630.5	

4509910	Samsung Electronics Co., Ltd.	18/02/2021	4509910	24223806.1	
4509935	SICK AG	17/08/2023	4509935	23191936.6	German
4511286	Iceye Polska Spółka Z Orgranizacja Odpowiedzialnoscia	18/04/2023	4511286	23720092.8	
4512587	Dongguan City Yisong High Technology Co., Ltd.	14/08/2024	4512587	24194680.5	
4512764	Harken, Incorporated	19/08/2024	4512764	24195216.7	
4513531	Infineon Technologies AG	21/08/2023	4513531	23192410.1	
4516504	Giesecke+Devrient ePayments GmbH	29/08/2023	4516504	23382881.3	
4519721	CooperVision International Limited	14/05/2024	4519721	24728680.0	
4522063	Aesculap AG	10/05/2023	4522063	23726075.7	German
4522546	Palfinger AG	08/05/2023	4522546	23724161.7	German
4523975	Yazaki Corporation	03/09/2024	4523975	24198144.8	
4526403	TotalEnergies One Tech	17/05/2023	4526403	23727010.3	
4527630	Shanghai Onlytec Equipment Co., Ltd.	04/07/2024	4527630	24186685.4	
4528203	VOLVO TRUCK CORPORATION	22/09/2023	4528203	23198997.1	
4536273	Frimline Private Limited	18/07/2023	4536273	23757337.3	
4537961	CITIZEN WATCH CO., LTD.	24/10/2019	4537961	25153248.7	
4537973	Benteler Automobiltechnik GmbH VOLKSWAGEN AG	12/10/2023	4537973	23203268.0	German
4542147	Zorn GmbH	16/10/2023	4542147	23203712.7	German
4542546	Dolby International AB	25/05/2010	4542546	25162533.1	
4544254	Riello S.p.A.	26/06/2023	4544254	23741490.9	
4545027	Heraeus Medical GmbH	26/10/2023	4545027	23206000.4	German
4545042	Bussmedical AG	06/08/2021	4545042	24215594.3	
4547928	Keller Minimal Windows S.A.	13/06/2023	4547928	23732142.7	German
4551112	CareFusion 303, Inc.	10/08/2023	4551112	23764478.6	
4551169	Stolz, Bernd	27/08/2024	4551169	24762618.7	German
4558399	ARCHER AVIATION INC.	03/10/2023	4558399	23800688.6	
4560629	Dolby International AB	25/05/2010	4560629	25162525.7	
4561425	Miele & Cie. KG	07/05/2024	4561425	24725345.3	German
4561947	SDG S.r.l.	21/07/2023	4561947	23755481.1	
4562565	Skyscanner Technology Limited	23/04/2024	4562565	24724582.2	
4563040	King Slide Works Co., Ltd. King Slide Technology Co., Ltd.	04/07/2024	4563040	24186495.8	
4569172	Aker Solutions AS	20/02/2024	4569172	24706732.5	
4570597	Benteler Automobiltechnik GmbH	15/12/2023	4570597	23217157.9	German
4574490	Benteler Automobiltechnik GmbH	21/12/2023	4574490	23219240.1	German
4578165	Telefonaktiebolaget LM Ericsson (publ)	22/08/2022	4578165	22859579.9	
4595232	Airbus Defence and Space SAS	13/11/2024	4595232	24808615.9	French

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.

2025037 F. HOFFMANN-LA ROCHE AG, Grenzacherstrasse 124, 4070 Basel,
Switzerland
(17 September 2025)
Patent No: 3317284; BENZOXAZEPIN OXAZOLIDINONE
COMPOUNDS AND METHODS OF USE
Product: Inavolisib in all forms protected by the basic patent
Market Authorisation: Ireland EU/1/25/1942, 18/07/2025
European Union EU/1/25/1942, 18/07/2025

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.

2021028 ARRAY BIOPHARMA INC., 3200 Walnut Street, Boulder, Colorado 80301,
United States of America
(22/09/2025)
Patent No: 1971601; N4-PHENYL-QUINAZOLINE-4 -AMINE DERIVATIVES
AND RELATED COMPOUNDS AS ERBB TYPE I RECEPTOR TYROSINE
KINASE INHIBITORS FOR THE TREATMENT OF
HYPERPROLIFERATIVE DISEASES
Product: tucatinib optionally in the form of a pharmaceutically acceptable salt or
solvate
Market Authorisation: Ireland EU/1/20/1526, 12/02/2021
European Union EU/1/20/1526, 12/02/2021
Certificate Expires on: 14/11/2031

Application for Extension of the Duration of a Supplementary Protection Certificate

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

2017047 WYETH HOLDINGS LLC, 66 Hudson Boulevard East New York, NY 10001-2192, United States of America
(01/10/2025)
Patent No: 2351767; Novel immunogenic compositions for the prevention and treatment of meningococcal disease
Product: Neisseria meningitidis serogroup B recombinant lipidated fHbp subfamily B protein
Market Authorisation: Ireland EU/1/17/1187, 24/05/2017
Original SPC Expiry Date: 10/10/2027

2017048 WYETH HOLDINGS LLC, 66 Hudson Boulevard East New York, NY 10001-2192, United States of America
(01/10/2025)
Patent No: 2341063; Novel immunogenic compositions for the prevention and treatment of meningococcal disease
Product: Neisseria meningitidis serogroup B recombinant lipidated fHbp subfamily A protein
Market Authorisation: Ireland EU/1/17/1187, 24/05/2017
Original SPC Expiry Date: 10/10/2027

2017049 WYETH HOLDINGS LLC, 66 Hudson Boulevard East New York, NY 10001-2192, United States of America
(01/10/2025)
Patent No: 2341062; Novel immunogenic compositions for the prevention and treatment of meningococcal disease
Product: Neisseria meningitidis serogroup B recombinant lipidated fHbp subfamily A protein and Neisseria meningitidis serogroup B recombinant lipidated fHbp subfamily B protein
Market Authorisation: Ireland EU/1/17/1187, 24/05/2017
Original SPC Expiry Date: 10/10/2027

2017055 NOVO NORDISK A/S, Corporate Patents Novo Allé, 2880 Bagsvaerd, Denmark
(01/10/2025)
Patent No: 2322229; Remodeling and glycoconjugation of Factor IX
Product: nonacog beta pegol
Market Authorisation: Ireland EU/1/17/1193, 07/06/2017
Original SPC Expiry Date: 08/10/2027

Grant of Extension of Duration of a Supplementary Protection Certificate

The name and address of the grantee follows the number allocated to the granted Supplementary Protection Certificate (SPC). The date in brackets following the name and address is the date of grant of the extension 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 was granted. Market authorisation references in respect of the product concerned are also shown, followed by the new date of expiry of the certificate.

2015036 VERTEX PHARMACEUTICALS INCORPORATED, 50 Northern Avenue
Boston, Massachusetts 02210, United States of America
21/07/2025
Patent No: 1773816; Modulators of ATP-binding cassette transporters
Product: N-(5-hydroxyl-2,4-ditert-butyl-phenyl)-4-oxo-1H-quinoline-3-carboxamide (ivacaftor) or a pharmaceutically acceptable salt thereof
Market Authorisation: Ireland EU/1/12/782/001 - 002, 23/07/2012
European Union EU/1/12/782/001-002, 23/07/2012
Expiry Date of Extension of SPC: 24/01/2028

Designs Registered Under The Industrial Designs Act, 2001

23710 11.01 Liliana Magdalena Zarzycka, Brideswell, Killarecastle, Mullingar, Westmeath N91 E6T0, Ireland.
Address for service is c/o Liliana Magdalena Zarzycka
Brideswell, Killarecastle, Mullingar, Westmeath N91 E6T0, Ireland.

Date of Registration: 25 May 2025.

Irish Forest Moss Collection — The design relates to a round pendant composed of clear resin (occasionally incorporating fine glitter for a luminous effect) encapsulating natural botanical materials — forest moss and dried wildflowers — together with small peridot gemstones. The materials are arranged to create a layered, three-dimensional composition visible through the transparent resin. The pendant is contained within a minimal stainless-steel bezel.



23711

11.01

Liliana Magdalena Zarzycka, Brideswell, Killarecastle, Mullingar, Westmeath N91 E6T0, Ireland.

Address for service is c/o Liliana Magdalena Zarzycka
Brideswell, Killarecastle, Mullingar, Westmeath N91 E6T0, Ireland.

Date of Registration: 25 May 2025.

Whispers of Connemara — I handcraft each piece using a mix of transparent and wave effect resins, tinted with ocean-inspired colour gradients, ranging from deep blue to turquoise and white. Within the resin, natural marine elements – such as small shells, coral fragments and sand – are embedded, often standing out from the resin. The arrangement of materials creates a layered, three-dimensional scene resembling a sea floor. The pendant is contained within a minimal stainless-steel bezel.



Renewal of Designs Registered under the Industrial Designs Act, 2001

Registrations renewed for 3rd period of 5 Years

Design number	Class
21496	09-05

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

No. 2553**Wednesday, 22 October, 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.

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.

ADGY

273168 24 June 2025

Class 35. Modelling for advertising or sales promotion; Inventorying merchandise.

Class 39. Collection of merchandise; Merchandise (Packing of -).

Class 41. Entertainer services provided by musicians; Entertainment services performed by musicians; Modelling for artists; Modelling services for artists.

Andrew M Carr, Bunbeg House, Bunbeg, Donegal F92PX80, Ireland. Address for service is c/o Andrew Carr, Bunbeg House, Bunbeg, Donegal F92PX80, Ireland.

273169 15 June 2025

Class 5. Dietary supplements; Dietary supplement drinks; Dietary food supplements; Nutritional supplement food bars; Food supplements; Dietary supplements for controlling cholesterol.

Class 29. Nut and seed-based snack bars; Organic nut and seed-based snack bars; Fruit- and nut-based snack bars.

Class 30. Cereal-based snack bars.

Class 35. Retail services relating to food.

Class 43. Snack-bars; Snack-bar services; Snack bar services.

Class 44. Dietary and nutritional advice; Dietary and nutritional guidance; Providing information relating to dietary and nutritional guidance; Dietary guidance; Dietary advice.

Nutriheart Foods Ltd, 6 Fern Road, Sandyford, Dublin D18 FP98, Ireland. Address for service is c/o Nutriheart Foods Ltd, 6 Fern Road, Sandyford, Dublin D18 FP98, Ireland.

Pure Hearty



273170 17 June 2025

- Class 30. Pizza.
 Class 43. Restaurants.
 Class 45. Licensing of franchise concepts.

Tolo Ventures Limited, Unit 8A Newlands Retail Centre, Caldback Way, Dublin 22, Ireland. Address for service is c/o Tolo Ventures Limited, c/o Ayesa Najm, 32 Liffey Court, Liffey Balley Park, Lucan Dublin 22, Ireland.



273171 25 June 2025

- Class 41. Education; Education information; Educational information; Educational examination; Educational services; Computer education training; Sporting education services; Residential education courses; Sports education services; Adult education services; Higher education services; Educational advisory services; Education academy services; Developing educational manuals; Business educational services; Providing educational demonstrations; Educational information services; Educational examination services; Online educational testing; Computer education training services; Play schemes [entertainment/education]; Education, teaching and training; Education and training consultancy; Education (Information relating to -); Organising of educational games; Organisation of educational shows; Provision of educational information; Education services relating to commerce; Education

services relating to banking;
 Education services relating to
 management; Education
 services relating to
 conservation; Education
 services relating to music;
 Providing continuing nursing
 education courses; Education
 services relating to
 languages; Education
 services relating to
 computers; Physical
 education facilities
 (Provision of -); Education
 services relating to sports;
 Education services relating to
 hygiene; Educational courses
 relating to finance; Education
 services relating to computer
 software; Education services
 relating to data processing;
 Education services relating to
 computer systems; Adult
 education services relating to
 commerce; Education
 services relating to quantum
 computing; Educational
 services relating to data
 processing; Entertainment;
 Live entertainment;
 Interactive entertainment;
 Information (Entertainment -
); Radio entertainment;
 Entertainment services;
 Musical entertainment;
 Entertainment information;
 On-line entertainment;
 Interactive entertainment
 services; Provision of
 entertainment; Entertainment
 booking services;
 Entertainment agency
 services; Television
 entertainment services; Live
 entertainment services;
 Online interactive
 entertainment.

Forgefield ULC, Sunrise, Mogeely lower, Conna Co
 Cork P51W9D5, Ireland. Address for service is c/o
 Forgefield ULC, c/o Rena Aherne, Mogeely lower,
 Conna Co Cork P51W9D5, Ireland.

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

URSULINE COLLEGE SLIGO

273172 25 June 2025

- Class 9. Electronic publications;
 downloadable electronic
 publications; software;
 educational mobile
 applications; education
 software; virtual reality
 software for education;
 computer software relating to
 children's education;
 electronic agendas; teacher
 software; memo boards
 [electronic]; teaching
 apparatus; teaching
 instruments.
- Class 16. Printed publications;
 educational publications;
 printed periodical
 publications; educational and
 instructional material;
 educational equipment;
 calendars; school supplies
 [stationery]; stickers; school
 photographs; school
 yearbooks; school writing
 books; informational flyers;
 magazines; journals; leaflets;
 pamphlets; newsletters;
 directories; printed
 advertisements; newspapers;
 books; reference books;
 annuals [printed
 publications]; diaries.
- Class 25. School uniforms; clothing;
 coats; sports jackets; shirts;
 sweat shirts; jumpers; sports
 clothing; sports bibs; socks;
 headgear; footwear;
 swimming suits; swimming
 caps.

Class 41. School services; educational services; secondary school educational services; provision of training and cultural activities; provision of educational, instructional and training courses; organisation and conducting of after-school groups for education, entertainment or recreational purposes; organisation and conducting of homework clubs and academic monitoring for children; provision of homework assistance; design of and setting standards for educational courses, examinations and qualifications; conducting of educational courses; provision of educational examinations and tests; teaching services; publication of instructional and educational materials; arranging of presentations, award ceremonies, conferences, seminars, demonstrations, displays, exhibitions, competitions, presentations, events and workshops for cultural, educational, sporting or entertainment purposes; provision of courses in remedial tuition, extra tuition or exam preparation; provision of distance learning facilities; recreational services; entertainment services; sporting activities; sports coaching; sports education services; hire of sports facilities; rental of sports equipment and apparatus; sport camp services; holiday camp services; sports club services; vocational guidance; library services; theatre performances; music performances; provision of entertainment, sporting and cultural services for charitable events; publication

of educational material; organisation of sporting, entertainment, education and cultural activities.

Board of Management of Ursuline College, Ursuline College Sligo, Finisklin Road, Sligo F91 FW54F91 FW54, Ireland. Address for service is c/o Hazel McDwyer, c/o Mason Hayes & Curran LLP, South Bank House, Barrow Street, Dublin D04TR29, Ireland.

COLÁISTE CHRAOBH ABHANN

273173 25 June 2025

Class 9. Electronic publications; downloadable electronic publications; software; educational mobile applications; education software; virtual reality software for education; computer software relating to children's education; electronic agendas; teacher software; memo boards [electronic]; teaching apparatus; teaching instruments.

Class 16. Printed publications; educational publications; printed periodical publications; educational and instructional material; educational equipment; calendars; school supplies [stationery]; stickers; school photographs; school yearbooks; school writing books; informational flyers; magazines; journals; leaflets; pamphlets; newsletters;

- directories; printed advertisements; newspapers; books; reference books; annuals [printed publications]; diaries.
- Class 25. School uniforms; clothing; coats; sports jackets; shirts; sweat shirts; jumpers; sports clothing; sports bibs; socks; headgear; footwear; swimming suits; swimming caps.
- Class 41. School services; educational services; secondary school educational services; provision of training and cultural activities; provision of educational, instructional and training courses; organisation and conducting of after-school groups for education, entertainment or recreational purposes; organisation and conducting of homework clubs and academic monitoring for children; provision of homework assistance; design of and setting standards for educational courses, examinations and qualifications; conducting of educational courses; provision of educational examinations and tests; teaching services; publication of instructional and educational materials; arranging of presentations, award ceremonies, conferences, seminars, demonstrations, displays, exhibitions, competitions, presentations, events and workshops for cultural, educational, sporting or entertainment purposes; provision of courses in remedial tuition, extra tuition or exam preparation; provision of distance learning facilities; recreational services; entertainment services; sporting activities; sports

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

Kildare and Wicklow Education and Training Board, KWETB, Church Street, Wicklow Town, Co. Wicklow A67 A971, Ireland. Address for service is c/o Hazel McDwyer, c/o Mason Hayes & Curran LLP, South Bank House, Barrow Street, Dublin D04TR29, Ireland.



273174 25 June 2025

Class 9.	Electronic publications; downloadable electronic publications; software; educational mobile applications; education software; virtual reality software for education; computer software relating to children's education; electronic agendas; teacher software; memo boards [electronic]; teaching apparatus; teaching instruments.	of and setting standards for educational courses, examinations and qualifications; conducting of educational courses; provision of educational examinations and tests; teaching services; publication of instructional and educational materials; arranging of presentations, award ceremonies, conferences, seminars, demonstrations, displays, exhibitions, competitions, presentations, events and workshops for cultural, educational, sporting or entertainment purposes; provision of courses in remedial tuition, extra tuition or exam preparation; provision of distance learning facilities; recreational services; entertainment services; sporting activities; sports coaching; sports education services; hire of sports facilities; rental of sports equipment and apparatus; sport camp services; holiday camp services; sports club services; vocational guidance; library services; theatre performances; music performances; provision of entertainment, sporting and cultural services for charitable events; publication of educational material; organisation of sporting, entertainment, education and cultural activities.
Class 16.	Printed publications; educational publications; printed periodical publications; educational and instructional material; educational equipment; calendars; school supplies [stationery]; stickers; school photographs; school yearbooks; school writing books; informational flyers; magazines; journals; leaflets; pamphlets; newsletters; directories; printed advertisements; newspapers; books; reference books; annuals [printed publications]; diaries.	
Class 25.	School uniforms; clothing; coats; sports jackets; shirts; sweat shirts; jumpers; sports clothing; sports bibs; socks; headgear; footwear; swimming suits; swimming caps.	
Class 41.	School services; educational services; secondary school educational services; provision of training and cultural activities; provision of educational, instructional and training courses; organisation and conducting of after-school groups for education, entertainment or recreational purposes; organisation and conducting of homework clubs and academic monitoring for children; provision of homework assistance; design	Kildare and Wicklow Education and Training Board, KWETB, Church Street, Wicklow Town, Co. Wicklow A67 A971, Ireland. Address for service is c/o Hazel McDwyer, c/o Mason Hayes & Curran LLP, South Bank House, Barrow Street, Dublin D04TR29, Ireland.

Wink with Mink

273175 31 March 2025

Class 3. Eyelashes; Cosmetics.

Class 44. Beauty salons.

Shona Mahon, 29 Avondale Road, Co.Dublin A96KA97, Ireland. Address for service is c/o Shona Mahon, 29 Avondale Road, Co.Dublin A96KA97, Ireland.



273176 06 May 2025

Class 35. advertising; business management; business administration; office functions; providing business information relating to franchising systems; supplying and arranging of employees for providing at-home and non-medical health care; professional business consultancy for franchising concepts in the establishment and/or operation of companies for providing at-home and non-medical health care; organisational and professional business consultancy with licensors and/or franchisers; and

commercial administration of the licensing of the goods and services of others.

Class 44. Medical services, including in particular for senior citizens; at-home health care and nursing aid services; medical services and care for senior citizens, in particular assistance with bathing and other personal hygiene tasks for senior citizens; provision of medical services; hygienic and beauty care for human beings or animals; medical assistance; hospital services; nursing home services; and convalescent or rest homes.

Class 45. Legal services (activities necessary to ensure that the affairs of persons under guardianship are legally attended to in accordance with the relevant legal requirements), Guardianship services, including handling official procedures on behalf of another; Personal and social service, including providing patient advocate services to patients, providing non-medical in-home care services for individuals; and assistance with shopping for senior citizens or for the disabled.

Iniscare Limited, Unit 1 & 2 First Floor, Lyon House Business Centre, 50 Nore Road, Dublin Industrial Estate, Glasnevin, Dublin, Ireland. Address for service is c/o Laura Myles, c/o Flynn O'Driscoll Business Lawyers, Unit 23, Galway Technology Centre, Mervue Business Park, Galway, Ireland.

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

INISCARE

273177 06 May 2025

Class 35. Advertising; business management; business administration; office functions; providing business information relating to franchising systems; supplying and arranging of employees for providing at-home and non-medical health care; professional business consultancy for franchising concepts in the establishment and/or operation of companies for providing at-home and non-medical health care; organisational and professional business consultancy with licensors and/or franchisers; and commercial administration of the licensing of the goods and services of others.

Class 44. Medical services, including in particular for senior citizens; at-home health care and nursing aid services; medical services and care for senior citizens, in particular assistance with bathing and other personal hygiene tasks for senior citizens; provision of medical services; hygienic and beauty care for human beings or animals; medical assistance; hospital services; nursing home services; and convalescent or rest homes.

Class 45. Legal services (activities necessary to ensure that the affairs of persons under guardianship are legally attended to in accordance with the relevant legal requirements), Guardianship services, including handling official procedures on behalf of another; Personal and social service, including providing patient advocate services to patients,

providing non-medical in-home care services for individuals; and assistance with shopping for senior citizens or for the disabled.

Iniscare Limited, Unit 1 & 2 First Floor, Lyon House Business Centre, 50 Nore Road, Dublin Industrial Estate, Glasnevin, Dublin, Ireland. Address for service is c/o Laura Myles, c/o Flynn O'Driscoll Business Lawyers, Unit 23, Galway Technology Centre, Mervue Business Park, Galway, Ireland.



273178 26 June 2025

Class 9. Phones, mobile phones, smartphones, and accessories therefor.

Zeeshan Wazeer, apartment 42 capel court, 112-114 capel street, dublin 1, Ireland. Address for service is c/o Zeeshan Wazeer, apartment 42 capel court, 112-114 capel street, dublin 1, Ireland.

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

Spencer Auctioneers Ltd

273179 27 June 2025

Class 35. Auctioneering; Auctioneering services; Real estate auctions; Auctioneering of property; Arranging of auction sales; Carrying out auction sales; Conducting interactive virtual auctions; Conducting of auction sales; On-line auctioneering; Arranging of auctions.

Luke Spencer Jones, Main Street, Oughterard, Galway H91 K295, Ireland. Address for service is c/o Luke Spencer Jones, Main Street, Oughterard Galway H91 K295, Ireland.

Waxing Moon Wax Melts

273180 27 June 2025

Class 3. Wax melts [fragrancing preparations].

Nicola Durrant, avoer house, lackyle, co clare V94 VX4V, Ireland. Address for service is c/o Nicola Durrant, avoer house, lackyle, co clare V94 VX4V, Ireland.

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



273181 13 March 2025

Class 7. Waste disposal machines; waste compaction apparatus [machine]; waste recycling machinery; compaction equipment; compacting waste bins; powered waste compacting bins; solar powered waste compacting bins; powered waste compacting bins; waste compacting devices; waste disposal units; balers; baling equipment; cardboard and plastic balers; balers for industrial use; balers for agricultural use; glass bottle crushers; glass crushing equipment; waste crushing equipment; crushing machines; crushing apparatus; recycling crushing units [machines]; Ice crushing machines; parts and fittings for all the aforesaid.

Thomas Griffith, Station Road, Ballindine, County Mayo F12 E0Y5, Ireland. Address for service is c/o Thomas Griffith, c/o Bayview IP, 134 Hollybrook Park, Bray, County Wicklow N, Ireland.

Spring Pilates

273182 25 June 2025

Class 41. Physical fitness instruction; Conducting fitness classes; Pilates instruction; Conducting pilates classes; Health and wellness training; Conducting workshops [training]; Workshops for training purposes; Arranging and conducting workshops; Workshops for recreational purposes; Workshops for educational purposes; Virtual physical fitness training services.

Jennifer Barry, 3 Reldare, Model farm Road, Carrigrohane, Cork T12 X3NE, Ireland. Address for service is c/o Jennifer Barry, 3 Reldare, Model Farm Road, Carrigrohane, Cork T12 X3NE, Ireland.

WIDE-FI

273183 20 June 2025

Class 9. Computer programs; computer software; Internet security software; computer software and telecommunications apparatus to enable connection to databases and the Internet; telecommunication services provided via Internet portals; downloadable computer security software; cloud computing software; mobile application software;

artificial intelligence software and apparatus; electronically and digitally delivered publications; broadband installations; computer hardware; electrical and electronic communications and telecommunications apparatus and instruments; apparatus for recording, transmission or reproduction of sound or images; data processing equipment and computers; electrical and electronic apparatus for use in the reception and transmission of satellite, terrestrial or cable broadcasts; apparatus and instruments for the processing, transmission, storage, logging, decoding, reception and retrieval of data being in the form of data, text, audio, graphic images or video or a combination of these formats; telephones.

Class 38. Telecommunications; telecommunications portal services; television, Internet and radio broadcasting; communications services by satellite, cable, television and/or radio; provision of access to television via decoding apparatus; wireless broadband communication services; electronic mail services; telecommunication services relating to the Internet; telecommunication of information (including web pages); unified messaging services; voicemail services; provision of access to data network services; video conferencing services; video telephone services; interactive television services; Provision of broadband telecommunications access; transmission of Internet protocol; transmission of

Internet broadband;
provision of access to global
computer, telephone and
audiovisual networks,
provided via broadband;
Internet portal services;
remote data access services;
hiring, rental and leasing of
communications apparatus;
telecommunications
information; leasing access
time to an information
database; information and
advisory services relating to
the aforesaid, including
provided by means of an
online database or the
Internet; on-line document
delivery via a global
computer network; reception
and delivery of data by
means of electronic
transmission; network for
transmission of data and
messages; information and
advisory services relating to
the aforesaid services
provided on-line from a
computer database or the
Internet.

Eircom Limited, 2 Heuston South Quarter, Saint
John's Road, Dublin 8, Ireland. Address for service is
c/o FRKelly, Waterways House, Grand Canal Quay,
Dublin D02 PD39, Ireland.

EIR WIDE-FI

273184 20 June 2025

Class 9. Computer programs;
computer software; Internet
security software; computer
software and
telecommunications

apparatus to enable
connection to databases and
the Internet;
telecommunication services
provided via Internet portals;
downloadable computer
security software; cloud
computing software; mobile
application software;
artificial intelligence
software and apparatus;
electronically and digitally
delivered publications;
broadband installations;
computer hardware;
electrical and electronic
communications and
telecommunications
apparatus and instruments;
apparatus for recording,
transmission or reproduction
of sound or images; data
processing equipment and
computers; electrical and
electronic apparatus for use
in the reception and
transmission of satellite,
terrestrial or cable
broadcasts; apparatus and
instruments for the
processing, transmission,
storage, logging, decoding,
reception and retrieval of
data being in the form of
data, text, audio, graphic
images or video or a
combination of these
formats; telephones.

Class 38. Telecommunications;
telecommunications portal
services; television, Internet
and radio broadcasting;
communications services by
satellite, cable, television
and/or radio; provision of
access to television via
decoding apparatus; wireless
broadband communication
services; electronic mail
services; telecommunication
services relating to the
Internet; telecommunication
of information (including
web pages); unified
messaging services;
voicemail services; provision

of access to data network services; video conferencing services; video telephone services; interactive television services; Provision of broadband telecommunications access; transmission of Internet protocol; transmission of Internet broadband; provision of access to global computer, telephone and audiovisual networks, provided via broadband; Internet portal services; remote data access services; hiring, rental and leasing of communications apparatus; telecommunications information; leasing access time to an information database; information and advisory services relating to the aforesaid, including provided by means of an online database or the Internet; on-line document delivery via a global computer network; reception and delivery of data by means of electronic transmission; network for transmission of data and messages; information and advisory services relating to the aforesaid services provided on-line from a computer database or the Internet.

Eircom Limited, 2 Heuston South Quarter, Saint John's Road, Dublin 8, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.



273185 25 June 2025

- Class 29. Chicken, Beef, Vegetables, Mushrooms, Bouillon, Broth, Soups, Jellies (fruit), Jellies (meat).
- Class 30. Sauces, Spices, Curry, Noodles, Gravy, Jellies.
- Class 32. Cocktails, Non-Alcoholic Syrups for Beverages, Essences Beverages.

DOROTA RIZI, Lacken View, Lacken, Blessington, Co. Wicklow, Ireland. Address for service is c/o O'CONNOR MCCORMACK SOLICITORS LLP, 16 South Main Street, Naas, Co Kildare, Ireland.

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



273186 24 June 2025

Class 28. Educational toys.

Sarah Lowe, 65 Ladywell, Ballyheigue, Kerry V92 C5D6, Ireland. Address for service is c/o Sarah Lowe, 65 Ladywell, Ballyheigue, Kerry V92 C5D6, Ireland.

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



273187 25 June 2025

Class 9. Computer software; computer software platforms; software for assessing export markets; software for creating and maintaining a foreign trade database;

training software; digital media, videos, audios; electronic databases; downloadable computer software; downloadable electronic publications provided on-line from databases or the Internet; electronic publications in any media; software downloadable to mobile phones, tablets and other electronic mobile devices; data processing equipment.

Class 16. Books; almanacs; calendars; trade journals; magazines; periodicals; newsletters; teaching material in paper format.

Class 35. Advertising and business services in the promotion and development of the import and export of goods and of services; business development; commercial assessment services; business strategy assessment and formulation; human resources management; marketing, sales management services; advertising; business management; organisation consultancy; promotion of businesses abroad; promotion of professional exhibitions organised abroad; coordination of business and advertising events intended to prepare for and encourage the international development of businesses; consultancy relating to partnerships in the economic and commercial sectors; arranging of exhibitions and shows, for commercial or advertising purposes; market research; commercial information agencies; commercial intermediation services.

Class 36. Financial services; real estate affairs; financial management; arranging the

provision of finance;
financial analysis; mutual
funds and capital
investments; financial
consulting; evaluation
(financial -) [insurance,
banking, real estate]; fund
investments.

Class 38. Telecommunications;
communications by
worldwide computer
networks; communications
by computer terminals and
satellite; computer-aided
transmission of messages and
images; news agencies.

Class 41. Education; providing of
training; entertainment;
sporting and cultural
activities; entertainment and
education information;
publication of texts (other
than publicity texts),
publishing catalogues and
brochures intended to
enhance the profile of
businesses abroad; arranging
and conducting press
conferences; arranging and
conducting of shows,
congresses and colloquiums
for cultural and educational
purposes; technical and
technology training;
arranging industrial meetings
as part of development
programmes for businesses;
arranging of congresses and
colloquiums for commercial
or advertising purposes;
publication of educational
materials; business
consultancy relating to
vocational training;
vocational retraining;
recreation facilities
(providing -).

Class 42. Technical consulting;
research and development for
others; drawing up plans for
the construction of exhibition
stands; design of databases;
computer services for
accessing remote
telecommunications services.

Enterprise Ireland, East Point Business Park, The
Plaza, Dublin 3 D03 E5R6, Ireland. Address for
service is c/o FRKelly, Waterways House, Grand
Canal Quay, Dublin D02 PD39, Ireland.

finperiti Ltd

273188 30 June 2025

Class 42. Software as a service [SaaS]
featuring software for
machine learning; Software
as a service [SaaS];
Platforms for artificial
intelligence as software as a
service [SaaS]; Software as a
service [SaaS] featuring
computer software platforms
for artificial intelligence.

finperiti Ltd, 23 Greenwood Drive, Dublin D13
W1W0, Ireland. Address for service is c/o finperiti
Ltd, c/o FIONA FINUCANE, 23 Greenwood Drive,
Dublin D13 W1W0, Ireland.

www.Doxonline.ie

273189 26 March 2025

Class 44. Medical consultations;
Providing online medical
record services other than
dentistry; Providing health
care information by

telephone; Healthcare;
Health consultancy; Health
counseling; Health care;
Healthcare services; Health
centre services; Health-care;
Health counselling; Health
centers.

Sahibzada Muhammad Haroon Iqbal, Flat 5, 4 Larch
Gardens, Manchester M88BJ, United Kingdom.
Address for service is c/o Sahibzada Muhammad
Haroon Iqbal, C/o Rana Tanweer Ahmad, 9
Mapleview Parcnagowen, Kilkenny R95R7R8,
Ireland.



273190 14 May 2025

Class 30. Cooking sauces; Sauces;
Herb sauces; Savoury sauces;
Savory sauces; Spicy sauces.

Carmel O'Callaghan, 7 Grosvenor Manor, Dublin
D06 N9K1, Ireland. Address for service is c/o
Carmel O'Callaghan, 7 Grosvenor Manor, Dublin
D06 N9K1, Ireland.

BETSY

273191 30 June 2025

Class 15. Musical instruments; String
instruments; Horns being
musical instruments; Guitars;
Electronic musical
instruments; Drums being
musical instruments; Music
synthesizers; Electronic
organs; Plectrums;
Percussion instruments;
Ukuleles; Keyboard
instruments; Electric basses;
Electric guitars; Musical
instrument strings; Tuners
for musical instruments.

HK BETSY INDUSTRIAL LIMITED, UNIT 2508A
25/F BANK OF AMERICA TOWER 12, 12
HARCOURT RD CENTRAL, 999077 Hong Kong,
China. Address for service is c/o Marcin Barczyk, 17
Zabrska Street, 40083 Katowice, Poland.



Application is for a Series of 2 Trade Marks.

273192 30 June 2025

Class 9. Platform Software for Medical Monitoring.

Phyxiom, 21 Fitzwillian place, Dublin 2, Dublin D05Y189, Ireland. Address for service is c/o Phyxiom, 21 Fitzwillian place, Dublin 2, Dublin D05Y189, Ireland.

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



273193 26 June 2025

Class 3. Leather dressings.
Class 18. Leathercloth.
Class 25. Leather coats; Leather jackets.

Syed Talha Owais Pasha, 25 Scarlet Row, Essex Street West, Dublin D08YX80, Ireland. Address for service is c/o Syed Talha Owais Pasha, 25 Scarlet Row, Essex Street West, Dublin D08YX80, Ireland.



273194 17 June 2025

Class 9. Mobile apps.

Christopher O Leary, 46 Oatfield Avenue, Clondalkin, Dublin 22 D22 E1X2, Ireland. Address for service is c/o Christopher O Leary, 46 Oatfield Avenue, Clondalkin, Dublin 22 D22E1X2, Ireland.

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



273195 27 May 2025

Class 10. Medical devices.

Darren Forde, Bushfield, Hollymount, Co. Mayo F12VY49, Ireland. Address for service is c/o Darren Forde, Bushfield, Hollymount, Co. Mayo F12VY49, Ireland.

The mark in use is/will be in the colour(s) Blue, Turquoise, Grey, White, Black, Silver

NORDAUS

273196 26 June 2025

Class 6. Metal bins.

Class 7. Electric kitchen appliances for chopping, mixing, pressing; Vacuum cleaners; Electric blenders; Electric juicers; Electric milk frothers.

Class 8. Clothes irons.

Class 11. Dehumidifiers; Air fryers; Electric kettles; Electric toasters; Fabric steamers; Electric hot plates; Electric cookers; Electric waffle maker; Electric sandwich makers; Electric toaster ovens; Electric kitchen ovens; Electric egg cookers; Electric rice cookers; Electric refrigerators [for household purposes]; electric crepe maker.

Class 20. Recycling bins, not of metal; Cabinets; Lockers; Tables.

Class 21. Toilet brushes; Brushes; Racks for airing clothes; Aromatic oil diffusers, other than reed diffusers, electric and non-electric; Cookware for use in microwave ovens.

Ogalas Unlimited, Unit 4, Parkway House, Western Parkway Business Park, Ballymount Drive, Dublin D12ECR9, Ireland. Address for service is c/o Alistair Leyland Payne, Acuatus Limited, 42 Dominick Street Lower, Dublin 1 D01A H05, Ireland.

Well-Dance

273197 18 June 2025

Class 41. Dance schools; Dance events; Live dance exhibitions; Dance instruction; Presentation of live dance performances; Performance of dance, music and drama; Entertainment in the nature of dance performances; Provision of dance classes; Dance instruction for adults; Providing instruction in the field of dance; Entertainment

in the nature of live dance performances; Production of entertainment shows featuring dancers and singers.

Robert Connor & Loretta Yurick, Apt 11 Sorrento Heights, Sorrento Road, Dalkey A96HR91, Ireland. Address for service is c/o Robert Connor & Loretta Yurick, Apt 11 Sorrento Heights, Sorrento Road, Dalkey A96HR91, Ireland.



273198 28 April 2025

Class 33. Whiskey complying with the specifications of the protected geographical indication "Irish Whiskey"

John Fitzgerald Harte, 41 Fortfield Drive, Dublin D6W N590, Ireland. Address for service is c/o John Harte, 41 Fortfield Drive, Dublin D6W N590, Ireland.

**MORE WITH EVERY
JOURNEY**

273199 02 July 2025

- Class 12. Vehicles, namely, automobiles, trucks, cars and other land vehicles.
- Class 35. Vehicle dealership services, namely, dealerships in the field of automobiles, trucks, cars and other land vehicles.
- Class 39. Vehicle rental and leasing services, and reservation services for the rental and leasing of land vehicles.

Enterprise Holdings, Inc., 600 Corporate Park Drive, St. Louis, Missouri 63105, United States of America. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.



273200 03 July 2025

- Class 16. Packaging materials; Plastic material for packaging; Plastic materials for packaging; Packaging material made of starches; Packaging materials made of cardboard; Printed packaging materials of paper; Packaging materials made of recycled paper; Packaging

materials of plastic for sandwiches.

- Class 32. Bottled drinking water; Soft drinks; Fruit flavored soft drinks; Coffee-flavored soft drinks; Low-calorie soft drinks; Soft drinks flavored with tea; Soft drinks for energy supply; Bottled water.

BLUE ROCK AMBALAJ SANAYİ VE TİCARET LİMİTED ŞİRKETİ, BARBAROS HAYRETTİN PAŞA MAH. 1995. SK. AKROS, Akros Istanbul, 34515 Istanbul, Türkiye. Address for service is c/o Abdul Siddiqi, Unit2, Windmill house rathcoole, Dublin, Dublin D24HT32, Ireland.

The mark in use is/will be in the colour(s) Black, Dark Blue, Light Blue and Grey



NAA NATURALS

273201 23 May 2025

- Class 3. Cosmetics; Moisturisers [cosmetics]; Skincare cosmetics; Non-medicated skincare preparations; Anti-aging skincare preparations;

Body scrubs; Body soap;
Body butters; Body
moisturisers; Hand creams;
Soap; Soaps; Handmade
soap; Beard oil; Beard balm;
Lotions for beards; Natural
perfumery.

Emilia Alabi, 29 St Johns Park West Clondalkin,
Dublin D22V8P6, Ireland. Address for service is c/o
Emilia Alabi, 29 Saint Johns Park West, Clondalkin
D22, Ireland.

ExtractOne

273202 30 June 2025

Class 16. Toilet paper; Toilet tissue;
Toilet rolls; Tissues; Paper
napkins.

Diarmuid Hart, Selco House Baltinglass, Baltinglass
W91KP58, Ireland. Address for service is c/o Trama
Legal s.r.o., Bottova 2A, 811 09 Bratislava,
Slovakia.

The Aligned Academy

273203 30 June 2025

Class 41. Distance learning services;
Distance learning courses.

Amber Leigh Doyle, 6 Ashlawn Drive, Loughrea
H62 WR99, Ireland. Address for service is c/o
Amber Leigh Doyle, 6 Ashlawn Drive, Loughrea
H62 WR99, Ireland.

Repair, Not Repeat

273204 30 June 2025

Class 41. Distance learning services;
Distance learning courses;
Training courses; Personal
development courses.

Amber Leigh Doyle, 6 Ashlawn Drive, Loughrea
H62 WR99, Ireland. Address for service is c/o
Amber Leigh Doyle, 6 Ashlawn Drive, Loughrea
H62 WR99, Ireland.

The Heart Healers Academy

273205 30 June 2025

Class 41. Distance learning courses;
Distance learning services;
Distance learning services
provided online; Training
courses; Personal
development courses.

Amber Leigh Doyle, 6 Ashlawn Drive, Loughrea
H62 WR99, Ireland. Address for service is c/o
Amber Leigh Doyle, 6 Ashlawn Drive, Loughrea
H62 WR99, Ireland.



273206 01 July 2025

Class 28. Toys, games, and playthings.

Class 41. Arranging and conducting of workshops [training].

Rebecca Roberts, 19 The Walk, Robswall, Malahide K36 NT25, Ireland. Address for service is c/o Rebecca Roberts, 19 The Walk, Robswall, Malahide K36 NT25, Ireland.

273207 01 July 2025

Class 25. Jeans; Blue jeans; Denim jeans; Jackets; Jackets [clothing]; Shell jackets; Casual jackets; Track jackets; Fleece jackets; Safari jackets; Riding jackets; Sheepskin jackets; Waterproof jackets; Wind jackets; Windproof jackets; Weatherproof jackets; Rain jackets; Wind-jackets; Dinner jackets; Sweat jackets; Long jackets; Donkey jackets; Sleeveless jackets; Ski jackets; Sports jackets; Leather jackets; Warm-up jackets; Wind resistant jackets; Polar fleece jackets; Rain coats; Winter coats; House coats; Sport coats; Coats for women; Coats for men; Men's and women's jackets, coats, trousers, vests; Morning coats; Tail coats; Coats made of cotton; Cotton coats; Suit coats; Sweaters; Cashmere sweaters; Woollen sweaters; Turtleneck sweaters; Jumpers [sweaters]; Polo sweaters; V-neck sweaters; Crew neck sweaters; Mock turtleneck sweaters;

Overalls; Overalls for infants and toddlers; Sports headgear [other than helmets]; Scarfs; Neck scarfs [mufflers]; Scarves; Neck scarves; Snoods [scarves]; Silk scarves; Head scarves; Shoulder scarves; Cashmere scarves; Neck tube scarves; Neck scarves [mufflers]; Mufflers [neck scarves]; Mufflers as neck scarves; Rain boots for children; Rain boots; Wearable blankets; Rain shoes; Rainproof jackets; Flip-flops for use as footwear; Flip-flops; Baby doll pyjamas; Pyjamas; Suspender belts; Belts [clothing]; Tuxedo belts; Leather belts [clothing]; Fabric belts; Waist belts; Fabric belts [clothing]; Suspender belts for women; Belts made of leather; Belts for clothing; Belts of textile; Suspender belts for men; Trousers; Infants' trousers; Fishing trousers; Short trousers; Leggings [trousers]; Casual trousers; Rain trousers; Waterproof trousers; Snowboard trousers; Ski trousers; Golf trousers; Trousers of leather; Trousers for children; Caps; Bathing caps; Stocking caps; Cycling caps; Caps (Shower -); Skull caps; Caps being headwear; Turtleneck shirts; Tee-shirts; Printed t-shirts; Short-sleeved T-shirts; T-shirts; Tennis shirts; Gloves; Mountaineering gloves; Ski gloves; Driving gloves; Gloves [clothing]; Fingerless gloves; Snowboard gloves; Winter gloves; Fingerless gloves as clothing; Gloves with conductive fingertips that may be worn while using handheld electronic touch screen devices; Thermal gloves for touchscreen devices; Sports pants; Snow pants; Pantsuits;

Weatherproof pants; Maternity pants; Sleep pants; Stretch pants; Jogging pants; Sweat pants; Leather pants; Ski pants; Cycling pants; Babies' pants [clothing]; Warm-up pants; Horse-riding pants; Baby pants; Moisture-wicking sports pants; Babies' pants [underwear]; Anti-sweat underwear; Sweat-absorbent socks; Hooded sweat shirts; Sweat-absorbent underwear; Sweat bands for the head; Sweat bands for the wrist; Headbands against sweating; Stockings (Sweat-absorbent -); Socks; Slipper socks; Sports socks; Anklets [socks]; Ankle socks; Toe socks; Footless socks; Thermal socks; Water socks; Woollen socks; Bed socks; Socks for infants and toddlers; Inner socks for footwear; Men's dress socks; Socks and stockings; Men's socks; Socks for men; Beach clothes; Clothes; Work clothes; Baby clothes; Clothes for sport; Clothing for horse-riding [other than riding hats]; Clothing for skiing; Sailing wet weather clothing; Women's clothing; Woven clothing; Paper hats [clothing]; Aprons [clothing]; Knitwear [clothing]; Infants' clothing; Children's clothing; Dress shoes; Shoes; Driving shoes; Beach shoes; Leisure shoes; Waterproof shoes; Baby shoes; Nursing shoes; Flat shoes; Snowboard shoes; Canvas shoes; Dance shoes; Soccer shoes; Football shoes; Hiking shoes; Jogging shoes; Running shoes; Walking shoes; Shoes for leisurewear; Shoes for infants; Track and field shoes; Shampoo capes; Playsuits [clothing]; One-piece playsuits; Eye masks.

Jude Hongla Bahanag Nunga, 5800 Yonge Street,
North York Ontario, Toronto M2M 3T3, Canada.
Address for service is c/o Jude Hongla Bahanag
Nunga, Gudmundstorp 107, 73391 Sala, Sweden.

The mark in use is/will be in the colour(s) Brown,
Yellow, Grey, Blue and White.

SAINT JAMES

273208 02 July 2025

Class 30. Iced tea, Fruit flavored iced
tea, Beverages made from
tea, Fruit flavored beverages
made from tea.

Saint James Brands LLC, Ste 5, 2101 NW Boca
Raton Blvd, Boca Raton, Florida 33431, United
States of America. Address for service is c/o Potter
Clarkson AB, Riddargatan 10, 11435 Stockholm,
Sweden.

Rhythm West

273209 02 July 2025

Class 41. Instruction in the field of
Irish Dance; Instruction in
traditional Irish Music;
Choreography services;
organization of music and
dance performances;
operation of music and dance
schools; Educational services

relating to the performing
arts.

Colene Nee, Rusheen, Inbhear Beag, RosMuc,
Galway H91WF2V, Ireland. Address for service is
c/o Colene Nee, Rusheen, Inbhear Beag, RosMuc,
Galway H91WF2V, Ireland.

ALLKOT

273210 10 June 2025

Class 42. Software as a service;
Blockchain as a service
[BaaS]; Computer
programming; Computer
security consultancy;
Computer technology
consultancy; Computer
hardware development;
Computer hardware design;
Software engineering;
Platform as a Service [PaaS];
Data mining; Data
warehousing; Artificial
intelligence consultancy;
Research in the field of
artificial intelligence
technology.

Andrew McGeough, Tullaghanogue, Trim C15
VN59, Ireland. Address for service is c/o Andrew
McGeough, Tullaghanogue, Trim C15 VN59,
Ireland.



DARREN KILLEEN, Cloondahon, Aughagower, Westport, Mayo, Westport F28t188, Ireland
DARREN KILLEEN, Cloondahon, Aughagower, Westport, MAYO, Westport F28t188, Ireland. Address for service is c/o DARREN KILLEEN, Cloondahon, Aughagower, Westport, Mayo, Westport F28t188, Ireland.

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

273211 05 July 2025

Class 18. Bags for sports clothing.

Class 25. Clothes; Sportswear; Sports clothing; Sports garments; Clothes for sports; Clothing for sports; Sports caps and hats.

Evan Phelan, Alvorada, Lagore Big, Ratoath, Co. Meath A85 XD78, Ireland
Aaron Phelan, Alvorada, Lagore Big, Ratoath, Co. Meath A85 XD78, Ireland.
Address for service is c/o Evan Phelan, Aaron Phelan, Alvorada, Lagore Big, Ratoath, Co. Meath A85 XD78, Ireland.

DARREN KILLEEN

273212 01 July 2025

Class 40. Printing; Pattern printing; Silkscreen printing; Digital printing; 3D printing.



Application is for a Series of 3 Trade Marks.

273213 19 June 2025

- Class 35. Hotel management; advertising; business management; business administration; office functions; promotion, public relations and marketing services in relation to hotels; operation and management of hotels for others; operation and supervision of loyalty schemes and incentive schemes; provision of business facilities; the bringing together for the benefit of others of a variety of goods namely textiles, bathroom accessories, jewellery, clothing and souvenirs enabling customers to conveniently view and purchase those goods.
- Class 39. Transport services; travel arrangement; travel agency and booking services relating to travel; sightseeing and tour arranging services; provision of information relating to transport services and tourist information services.
- Class 41. Provision of sports facilities; provision of gymnasium facilities and health club services; leisure centre services; provision of swimming pool facilities; entertainment services; provision of golf facilities and golf training and practice facilities; sport centre services; physical education and training services; organising sporting competitions; organising conferences and seminars; organisation of entertainment for wedding celebrations; educational and training services; sporting and cultural activities; nightclub

services namely
entertainment.

Class 43. Hotel and accommodation services; hotel reservation services; restaurant, bar, café and catering services; provision of food and drink; provision of facilities for meetings, conferences and exhibitions; provision of temporary accommodation; banqueting and nightclub services namely the provision of food and accommodation; room hire; professional consultancy relating to the aforesaid services.

Class 44. Spa services; massage services; beauty salon services; relaxation therapy and health care services; hygienic and beauty care for human beings; hairdressing salon services; provision of sauna facilities.

Atlantic Troy Limited, Ballybrit Business Park, Ballybrit, Galway, Ireland. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.

Clovercell

273214 11 June 2025

Class 3. Cosmetics.

Sinead O Keeffe, The Farmhouse, Ballinvuskig West Mallow, Cork P51T6T0, Ireland. Address for service is c/o Sinead O Keeffe, The Farmhouse, Ballinvuskig West Mallow, Cork P51T6T0, Ireland.

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

The Aruna Method

273215 07 July 2025

Class 41. Exercise classes; Meditation training; Teaching of meditation practices; Education services relating to meditation; Yoga instruction; Training in yoga; Education services relating to yoga; Training; Online education services; Production of educational sound and video recordings.

Laura Wynne, Oakend Lodge, Rathcoffey W91F4W9, Ireland. Address for service is c/o Laura Wynne, Oakend Lodge, Rathcoffey W91F4W9, Ireland.

AMINOFEED

273216 24 June 2025

Class 5. Dietary supplements for animals; food supplements for animals.

Class 31. Foodstuffs for horses; livestock feed.

ACME S.R.L., VIA PORTELLA DELLA GINESTRA 9, 42025 CAVRIAGO (RE),

01305480350 P.IVA, Italy. Address for service is c/o Greg Sach, Valet Patent Services Limited, c/o Caya 83713X, Am Börstig 5, 96052 Bamberg, Germany.

PRIMOLATTE

273217 24 June 2025

- Class 5. Dietary supplements for animals; food supplements for animals.
- Class 31. Foodstuffs for horses; livestock feed.

ACME S.R.L., VIA PORTELLA DELLA GINESTRA 9, 42025 CAVRIAGO (RE), 01305480350 P.IVA, Italy. Address for service is c/o Greg Sach, Valet Patent Services Limited, c/o Caya 83713X, Am Börstig 5, 96052 Bamberg, Germany.

OSTEPARON

273218 24 June 2025

- Class 5. Dietary supplements for animals; food supplements for animals.
- Class 31. Foodstuffs for horses; livestock feed.

ACME S.R.L., VIA PORTELLA DELLA GINESTRA 9, 42025 CAVRIAGO (RE), 01305480350 P.IVA, Italy. Address for service is c/o

Greg Sach, Valet Patent Services Limited, c/o Caya 83713X, Am Börstig 5, 96052 Bamberg, Germany.

AMINOSPORT

273219 24 June 2025

- Class 5. Dietary supplements for animals; food supplements for animals.
- Class 31. Foodstuffs for horses; livestock feed.

ACME S.R.L., VIA PORTELLA DELLA GINESTRA 9, 42025 CAVRIAGO (RE), 01305480350 P.IVA, Italy. Address for service is c/o Greg Sach, Valet Patent Services Limited, c/o Caya 83713X, Am Börstig 5, 96052 Bamberg, Germany.

Embodied Awakening

273220 07 July 2025

- Class 41. Meditation training; Teaching of meditation practices; Education services relating to meditation; Yoga instruction; Training in yoga; Education services relating to yoga; Online education services; Provision of online training; Providing online training seminars; Conducting training sessions

on physical fitness online;
Provision of information on
fitness training via an online
portal; Provision of
information relating to
physical training via an
online web site.

Laura Wynne, Oakend Lodge, Rathcoffey
W91F4W9, Ireland. Address for service is c/o Laura
Wynne, Oakend Lodge, Rathcoffey W91F4W9,
Ireland.

Sale Ready

273221 13 June 2025

Class 35. Advertising.
Class 36. Real estate services.
Class 45. Legal services.

Stingray Labs Limited, 4 Denny Street, Tralee, Co.
Kerry, Ireland. Address for service is c/o Orbitus
Law LLP, Penrose Wharf, Alfred Street, Cork
T23XN53, Ireland.



Application is for a Series of 2 Trade Marks.

273222 13 June 2025

Class 35. Advertising.
Class 36. Real estate services.
Class 45. Legal services.

Stingray Labs Limited, 4 Denny Street, Tralee, Co.
Kerry, Ireland. Address for service is c/o Orbitus
Law LLP, Penrose Wharf, Alfred Street, Cork
T23XN53, Ireland.

The mark in use is/will be in the colour(s) HEX
Code #F4F1EC and HEX Code #121212

Wild Spice

273223 29 May 2025

Class 43. Restaurants.

Syed Amran Hosen, 81 Ashbrook, Enniscorthy Y21
P6W4, Ireland. Address for service is c/o Syed
Amran Hosen, 81 Ashbrook, Enniscorthy Y21
P6W4, Ireland.

TomToms

273224 23 June 2025

Class 30. Pizza.
Class 39. Pizza delivery.
Class 43. Restaurants.

M&P O'Sullivan Ltd, Doughcloyne Industrial Estate, Sarsfield Road, Cork T12PK30, Ireland. Address for service is c/o Patrick O'Sullivan, M&P O'Sullivan Ltd, Doughcloyne Industrial Estate, Sarsfield Road, Cork T12PK30, Ireland.



273225 23 June 2025

Class 9. Software; Maintenance software; Industrial software; Mobile software.

Paul Geoghegan, 23 Beech House, Carrickmines Green, Dublin 18 D18Y194, Ireland. Address for service is c/o Paul Geoghegan, 23 Beech House, Carrickmines Green, Dublin 18 D18Y194, Ireland.

The mark in use is/will be in the colour(s) Blue, Green and Grey



273227 22 June 2025

Class 30. Spices.

Abubaker Abdalhai, 26 The Green, Lios Cara / Killeens, Co Cork T23RXV2, Ireland. Address for service is c/o Abubaker Abdalhai, 26 The Green, Lios Cara / Killeens, Co Cork T23RXV2, Ireland.



273228 03 July 2025

Class 9. Alarms; Gas alarms; Security alarms; Personal security alarms; Acoustic sound alarms; Software; Security software; Smartphone software; Communication software; Communications software; Health monitoring software; Environmental monitoring software.

Class 42. Software development;
Software design.

Class 45. Monitoring alarms;
Monitoring of alarms;
Monitoring fire alarms.

Mark Hanley, 3 Whitethorn Centre, Main Street,
Kilcoole A63RP02, Ireland. Address for service is
c/o Mark Hanley, Unit 3, Whitethorn Centre,
Kilcoole A63RP02, Ireland.

POLELIFE+

273229 03 July 2025

Class 2. Fire retardant coatings for
utility structures.

Class 17. Barriers for sealing cut ends
of lumber used by the utility
industry to protect the cut
ends of lumber from water
and the impact of
weathering, namely, water
and uv resistant membrane
barrier designed to adhere to
wood.

Class 24. Boron and copper saturated
fabric for use in the repair
and preservation of wooden
utility structures.

Osmose Utilities Services, Inc., 191 Peachtree Street
NE, Suite 500, Atlanta, Georgia, 30303, United
States of America. Address for service is c/o
FRKelly, Waterways House, Grand Canal Quay,
Dublin D02 PD39, Ireland.

LOOPSECURE

273230 03 July 2025

Class 37. Maintenance, repair and
restoration services for
underground residential
distribution systems
composed of electrical utility
cables and transformers.

Osmose Utilities Services, Inc., 191 Peachtree Street
NE, Suite 500, Atlanta, Georgia, 30303, United
States of America. Address for service is c/o
FRKelly, Waterways House, Grand Canal Quay,
Dublin D02 PD39, Ireland.

HORSERAIL

273231 20 June 2025

Class 19. Composite metal and plastic
fencing composed primarily
of plastic.

John Wall, Inc., 440 West Greene Street,
Carmichaels, Pennsylvania 15320, United States of
America. Address for service is c/o TOMKINS &
CO., 5 Dartmouth Road, Dublin 6, Ireland.

BEYOND SHADOWS

273232 02 July 2025

Class 33. Wines and Sparkling wines.

Sur Andino Argentina S.A., Av. Colón 531, Piso 2, Mendoza, Argentina. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

BANGE

273233 15 January 2025

Class 18. Haversacks; Valises; Briefcases; Travelling bags; Handbags; Pocket wallets; Backpacks; School bags; Purses; bags for sports; trunks and suitcases; Suitcases.

Xu Peng, Waitan Team Waixu Village, Yingxian Town, 237000 Shou County, Liuan City Anhui Province, China. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

Barely Lab.

273234 18 May 2025

Class 8. Laser hair removal apparatus, other than for medical purposes.

Tsz Ying Lo, 9 Angler's Rest, Beaver Row, Dublin 4 D04N6X5, Ireland. Address for service is c/o Tsz Ying Lo, 9 Angler's Rest, Beaver Row, Dublin 4 D04N6X5, Ireland.

Kittiwake Solutions

273235 08 July 2025

Class 35. Business consultancy; Business management; Business networking; Business planning; Advertising in the field of tourism and travel; Business management of visitor attractions; Marketing; Business administration; Business administration consultancy.

Class 41. Business training; Provision of visitor attractions for entertainment purposes; Provision of visitor attractions for cultural purposes; Power station visitor centre services [for education]; Business mentoring services; Training.

Katherine Webster, School Road, Lahinch V95NW64, Ireland. Address for service is c/o Katherine Webster, School Road, Lahinch V95NW64, Ireland.

Make Moves

273236 29 April 2025

Class 41. Pilates instruction;
 Conducting pilates classes;
 Physical fitness instruction;
 Conducting fitness classes;
 Health and wellness training;
 Education in movement
 awareness; Provision of
 recreational events; Virtual
 physical fitness training
 services; Arranging of
 workshops; Conducting
 workshops [training];
 Arranging and conducting
 workshops; Workshops for
 educational purposes;
 Workshops for recreational
 purposes; Workshops for
 training purposes;
 Conducting courses,
 seminars and workshops.

Jessica Norris, 48 Brooklands, Nutley Lane, Dublin
 D04 RD43, Ireland. Address for service is c/o Jessica
 Norris, 48 Brooklands, Nutley Lane, Dublin D04
 RD43, Ireland.



273237 16 June 2025

Class 42. Design consultancy.

Diarmuid Slattery, 32 Vicar Street, Dublin D08
 C8Y6, Ireland. Address for service is c/o Diarmuid
 Slattery, 32 Vicar Street, Dublin D08 C8Y6, Ireland.

The mark in use is/will be in the colour(s) Black and
 Yellow (Hex FFCB05)



Application is for a Series of 2 Trade Marks.

273238 12 June 2025

- Class 3. Personal hygiene products, namely bath salts, lip balms, hand soap, hand lotion, sleep spray, night body bombs, magnesium spray and body oils; skin care and hair care preparations; perfumery; soaps, body creams and lotions; toiletries; room fragrancings preparations; pot pourri; reed diffusers; fragrances and oils for diffusers.
- Class 4. Candles; scented candles; tealights.
- Class 11. Apparatus for lighting; diffusers (light-); diffusers (electrical-); lighting; lampshades; lamps; lamp bases, light fittings and fixtures.
- Class 16. Books, printed matter and periodical publications; all relating to home design and home decoration; photograph albums, catalogues, document files; boxes of paper or cardboard for documents; stationery, posters, diaries and calendars.
- Class 19. Flooring; laminate flooring; wooden flooring; flooring materials (non-metallic).
- Class 20. Furniture and furnishings; works of art and decorations; beds, mattresses, pillows and cushions; frames; mirrors; indoor blinds and curtains; kitchen, bedroom, bathroom and living room furniture; picture frames; cutlery boxes; coat hangers and coat stands; figurines; wall plaques.
- Class 21. Household and kitchen utensils; dinnerware; glassware, porcelain and earthenware; porcelain; tea and coffee services; ornaments; baskets; candlesticks, candle holders and candelabras, coasters,

napkin holders; aromatic oil diffusers.

- Class 24. Upholstery; cushions and pillows; textiles (textile goods); fabrics; plastic substitutes for fabrics; bed and table covers; textile articles; furniture covers; cushion covers; cloths; bath linen; household linen; table linen, table napkins of textile, tea towels; bed clothes, bed linen, bedspreads, sleeping bags; pillowcases, covers for quilts and eiderdowns, blinds of textile; bedspreads; duvets, eiderdowns; face towels of textile; tissues of textile for removing make-up; face cloths; handkerchiefs of textile; towels of textile; table mats and coasters; travelling rugs, mattress covers, curtains, textile wall coverings.

- Class 27. Carpets; floor coverings; rugs; mats; linoleum and other material for covering existing floors; wallpaper and non-textile wall hangings; ceiling paper; borders for decorating walls.

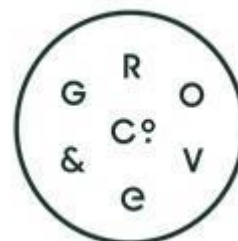
Grove & Co Interiors Ltd, 64 Mulgrave Street, Dun Laoghaire, Dublin A96 X8P0, Ireland. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.



273239 22 May 2025

- Class 6. Metal ladders; Ladders of metal; Metal step ladders; Steps [ladders] of metal; Ladders and scaffolding, of metal; Ladders made principally of metal; Nails of metal; Fixing nails of metal; Masonry nails of metal; Wire mesh.
- Class 12. Wheel barrows; Sack trucks.
- Class 17. Adhesive sealants; Joint sealants; Silicone sealants; Waterproof sealants.
- Class 19. Cement.
- Class 20. Ladders made of glass fibre.
- Class 22. Non-metal cable ties.

United Hardware Dac, Magna House, Magna Drive, Magna Business Pk., Citywest Road, Dublin 24 D24KX97, Ireland. Address for service is c/o United Hardware Dac, Magna House, Magna Drive, Magna Business Pk., Citywest Road, Dublin 24 D24KX97, Ireland.



Application is for a Series of 2 Trade Marks.

273240 12 June 2025

- Class 3. Personal hygiene products, namely bath salts, lip balms, hand soap, hand lotion, sleep spray, night body bombs, magnesium spray and body oils; skin care and hair care preparations; perfumery; soaps, body creams and lotions; toiletries; room fragrancing preparations; pot pourri; reed diffusers; fragrances and oils for diffusers.
- Class 4. Candles; scented candles; tealights.
- Class 11. Apparatus for lighting; diffusers (light-); diffusers (electrical-); lighting; lampshades; lamps; lamp bases, light fittings and fixtures.
- Class 16. Books, printed matter and periodical publications; all relating to home design and home decoration; photograph albums, catalogues, document files; boxes of paper or cardboard for

- documents; stationery, posters, diaries and calendars.
- Class 19. Flooring; laminate flooring; wooden flooring; flooring materials (non-metallic).
- Class 20. Furniture and furnishings; works of art and decorations; beds, mattresses, pillows and cushions; frames; mirrors; indoor blinds and curtains; kitchen, bedroom, bathroom and living room furniture; picture frames; cutlery boxes; coat hangers and coat stands; figurines; wall plaques.
- Class 21. Household and kitchen utensils; dinnerware; glassware, porcelain and earthenware; porcelain; tea and coffee services; ornaments; baskets; candlesticks, candle holders and candelabras, coasters, napkin holders; aromatic oil diffusers.
- Class 24. Upholstery; cushions and pillows; textiles (textile goods); fabrics; plastic substitutes for fabrics; bed and table covers; textile articles; furniture covers; cushion covers; cloths; bath linen; household linen; table linen, table napkins of textile, tea towels; bed clothes, bed linen, bedspreads, sleeping bags; pillowcases, covers for quilts and eiderdowns, blinds of textile; bedspreads; duvets, eiderdowns; face towels of textile; tissues of textile for removing make-up; face cloths; handkerchiefs of textile; towels of textile; table mats and coasters; travelling rugs, mattress covers, curtains, textile wall coverings.
- Class 27. Carpets; floor coverings; rugs; mats; linoleum and other material for covering

existing floors; wallpaper and non-textile wall hangings; ceiling paper; borders for decorating walls.

Grove & Co Interiors Ltd, 64 Mulgrave Street, Dun Laoghaire, Dublin A96 X8P0, Ireland. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.



Application is for a Series of 2 Trade Marks.

273241 12 June 2025

- Class 3. Personal hygiene products, namely bath salts, lip balms, hand soap, hand lotion, sleep spray, night body bombs, magnesium spray and body oils; skin care and hair care preparations; perfumery; soaps, body creams and lotions; toiletries; room fragrancng preparations; pot pourri; reed diffusers; fragrances and oils for diffusers.
- Class 4. Candles; scented candles; tealights.

- Class 11. Apparatus for lighting; diffusers (light-); diffusers (electrical-); lighting; lampshades; lamps; lamp bases, light fittings and fixtures.
- Class 16. Books, printed matter and periodical publications; all relating to home design and home decoration; photograph albums, catalogues, document files; boxes of paper or cardboard for documents; stationery, posters, diaries and calendars.
- Class 19. Flooring; laminate flooring; wooden flooring; flooring materials (non-metallic).
- Class 20. Furniture and furnishings; works of art and decorations; beds, mattresses, pillows and cushions; frames; mirrors; indoor blinds and curtains; kitchen, bedroom, bathroom and living room furniture; picture frames; cutlery boxes; coat hangers and coat stands; figurines; wall plaques.
- Class 21. Household and kitchen utensils; dinnerware; glassware, porcelain and earthenware; porcelain; tea and coffee services; ornaments; baskets; candlesticks, candle holders and candelabras, coasters, napkin holders; aromatic oil diffusers.
- Class 24. Upholstery; cushions and pillows; textiles (textile goods); fabrics; plastic substitutes for fabrics; bed and table covers; textile articles; furniture covers; cushion covers; cloths; bath linen; household linen; table linen, table napkins of textile, tea towels; bed clothes, bed linen, bedspreads, sleeping bags; pillowcases, covers for quilts and eiderdowns, blinds of

textile; bedspreads; duvets, eiderdowns; face towels of textile; tissues of textile for removing make-up; face cloths; handkerchiefs of textile; towels of textile; table mats and coasters; travelling rugs, mattress covers, curtains, textile wall coverings.

- Class 27. Carpets; floor coverings; rugs; mats; linoleum and other material for covering existing floors; wallpaper and non-textile wall hangings; ceiling paper; borders for decorating walls.

Grove & Co Interiors Ltd, 64 Mulgrave Street, Dun Laoghaire, Dublin A96 X8P0, Ireland. Address for service is c/o Tomkins & Co, 5 Dartmouth Road, Dublin 6 D06 F9C7, Ireland.



273242 04 July 2025

- Class 4. Candles; Perfumed candles; Soy candles; Tealight candles; Scented candles; Candles (Perfumed -); Table candles.

Viktoriia Cherniuk, 75 Ashlawn, Letterkenny F92 C6PK, Ireland. Address for service is c/o Viktoriia Cherniuk, 75 Ashlawn, Letterkenny F92 C6PK, Ireland.

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



273243 04 June 2025

Class 41. Football pools services; Sports activities; Sports education services; Sports information services; Sports camp services; Organising of sports and sports events; Organization of sports competitions; Organising of sports competitions and sports events; Tournaments (Staging of sports -); Creation [writing] of educational content for podcasts.

Opeyemi Stephen, 98 College Manor, Off Hoey's Lane, Dundalk/Louth A91 CT80, Ireland. Address for service is c/o Opeyemi Stephen, 98 College Manor, Off Hoey's Lane, Dundalk/Louth A91 CT80, Ireland.

273244 04 June 2025

Class 41. Organising of recreational events; Organising events for entertainment purposes; Ticket reservation and booking services for entertainment events; Ticket reservation and booking services for recreational and leisure events; Providing online videos, not downloadable; Entertainment, education and instruction services; Ticket reservation and booking services for education, entertainment and sports activities and events.

Class 45. Dating services; Dating agency services; Agency services (Dating -); Dating services provided through social networking; Internet based dating, matchmaking and personal introduction services; Computer dating services.

Samantha Keating, 18 Saint Columbanus Ave, Dublin D14T250, Ireland. Address for service is c/o Samantha Keating, 18 Saint Columbanus Ave, Dublin D14T250, Ireland.

Opposition(s) under Section 43 of the 1996 Act

272733	Coinbase, Inc.. Opposition filed 29 September 2025
270774	KSG Catering Limited. Opposition withdrawn 22 September 2025
272254	RIP Funerals Limited. Application withdrawn 23 September 2025
272255	SF & JP Limited. Application withdrawn 23 September 2025

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

271921	Edit Office
271922	Edit Office
271924	Parity Chisi
271952	PIN POINT ALERTS LTD.
271958	Aiden OByrne

Trade Marks Registered under the 1996 Act

271590	(2528) Cl. 25 27 28 41. Flexera LTD
271895	(2534) Cl. 16 41 42. Phillip McKenna
272052	(2538) Cl. 4 11. ISS Property Trading Limited
272207	(2539) Cl. 45. Michael Fitzsimons
272241	(2540) Cl. 41. Piotr Wisniewski
272269	(2540) Cl. 37. Trevor Gately
272280	(2540) Cl. 41. Nano Nagle College
272332	(2541) Cl. 35 41. Lydia Garland-Moloney
272341	(2541) Cl. 14 18 35. Elias Sare
272348	(2541) Cl. 35. VouchXchange
272351	(2541) Cl. 41. Zilpany Limited
272362	(2541) Cl. 9 41 42. WEKIT Experience Capturing Solutions Ltd.
272369	(2541) Cl. 29 30. Emma Cahill
272375	(2541) Cl. 8 21. Ann Jevens
272383	(2541) Cl. 25. ATLASFORMEN
272391	(2541) Cl. 29. LAKELAND DAIRY SALES LIMITED
272406	(2542) Cl. 21 24 25. ECB International Technologies Limited

272461	(2542) Cl. 16 35 41 42 45. The Institution of Engineers of Ireland
272467	(2542) Cl. 9 42. Root Tech Analytics Ltd
272495	(2542) Cl. 29 30. Dairy Consumer Foods (Ireland) Limited
272512	(2543) Cl. 32. PALDO CO., LTD.
272536	(2543) Cl. 9. HANKOOK & COMPANY CO., LTD.
272576	(2543) Cl. 6 17 19 37. Sidey Holdings Limited
272582	(2543) Cl. 12. NIEVE OTOMOTIV SANAYI TICARET ANONIM SIRKETI
272587	(2544) Cl. 3 5 11 21. S. C. Johnson & Son, Inc.
272588	(2544) Cl. 14 25. John Foy
272589	(2544) Cl. 25. Peter Wilson
272592	(2544) Cl. 3 41 44. Lauren Donohoe
272598	(2544) Cl. 35 44. Gilead Sciences Ireland UC
272600	(2544) Cl. 29 30 31 44. Albert Bartlett & Sons (Airdrie) Limited
272601	(2544) Cl. 21. Mark Leen
272609	(2544) Cl. 41. Killina Presentation Secondary School
272610	(2544) Cl. 35 41. Crafts Council of Ireland Company Limited by Guarantee
272611	(2544) Cl. 35 41. Crafts Council of Ireland Company Limited by Guarantee
272612	(2544) Cl. 35 41. Crafts Council of Ireland Company Limited by Guarantee
272614	(2544) Cl. 35 41. Crafts Council of Ireland Company Limited by Guarantee
272617	(2544) Cl. 9. ZAHID HUSSAIN
272621	(2544) Cl. 35. Kerry Agri Business Trading Limited
272624	(2544) Cl. 9 38. IP Telecom
272625	(2544) Cl. 9 42 45. Excelerate Technology Limited T/A Eliatra
272626	(2544) Cl. 44 45. Regina Zukauskaite
272627	(2544) Cl. 25. Heels and Wardrobe Limited
272631	(2544) Cl. 3 5 35 42 44. Phoenix Labs Unlimited Company
272632	(2544) Cl. 9 16 21 25 26 28 35 36 38 41 42 43 45. THE PROVOST, FELLOWS, FOUNDATION SCHOLARS, AND THE OTHER MEMBERS OF BOARD OF THE COLLEGE OF THE HOLY AND UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN
272633	(2544) Cl. 1 4 7 9 11 12 35. Volkswagen Group United Kingdom Limited
272634	(2544) Cl. 1 4 7 9 11 12 35. Volkswagen Group United Kingdom Limited
272635	(2544) Cl. 29 30 31 32 33 35. Aldi Stores (Ireland) Limited

272636	(2544) Cl. 25 43. Vetrageo Ltd
272638	(2544) Cl. 9. Andrea Catalano
272639	(2544) Cl. 9 16 35 36 38 41. Ask Direct Limited
272640	(2544) Cl. 25. Cathal Bourke Bourke Sports
272644	(2544) Cl. 30 32. Brian O'Donovan
272645	(2544) Cl. 5 44. Gilead Sciences Ireland UC
272646	(2544) Cl. 30 35 41. Husky Events Limited
272647	(2544) Cl. 18 25 28. adidas AG
272649	(2544) Cl. 29 30 31 39 40 44. Green State Farms CLG
272653	(2544) Cl. 23. Marina Zvirgzdina
272654	(2544) Cl. 9 35 42. RWA Pharmacy Limited
272655	(2544) Cl. 35. PRIMARK LIMITED
272656	(2544) Cl. 25. Aaron Redmond
272657	(2544) Cl. 30. Darwin Darwin
272658	(2544) Cl. 16 35 36 39. An Post
272659	(2544) Cl. 16 35 36 39. An Post
272660	(2544) Cl. 16 35 36 39. An Post
272661	(2544) Cl. 16 35 36 39. An Post
272662	(2544) Cl. 9. Carmel Somers
272665	(2544) Cl. 5. Haleon UK IP Limited

Renewal of Registrations Under Section 48 of the 1996 Act

66386	Cl. 22. TEIJIN KABUSHIKI KAISHA
66388	Cl. 24. TEIJIN KABUSHIKI KAISHA
77469	Cl. 5. BIOTHERM
77869	Cl. 7. YAMABIKO CORPORATION
78641	Cl. 1. PERSTORP AB
78918	Cl. 6. SWAGELOK COMPANY
78920	Cl. 17. SWAGELOK COMPANY
112961	Cl. 12. Opel Automobile GmbH
113212	Cl. 28. MATTEL INC
113825	Cl. 1. BASF SE
114610	Cl. 5. Mercury Pharma Group Limited
114880	Cl. 17, Cl. 22. Avient Protective Materials B.V.
114980	Cl. 12. FORD MOTOR COMPANY LIMITED
116707	Cl. 17. CLABER S.p.A.
119213	Cl. 12. FORD MOTOR COMPANY LIMITED
231907	Cl. 16, Cl. 44. IRISH CATTLE BREEDING FEDERATION SOC. LTD
232756	Cl. 36. WESTFIELD CONTRIBUTORY HEALTH SCHEME LIMITED
233135	Cl. 5. Nogra Pharma Limited
233201	Cl. 25. Malham Ireland Apparel Co. Limited

233421	Cl. 9, Cl. 35, Cl. 41. HIT Entertainment Limited
233716	Cl. 6, Cl. 11, Cl. 17. EXCEL PLUMBING PRODUCTS LIMITED T/A EXCEL INDUSTRIES
235775	Cl. 29. CALLAN BACON CO. LTD.
238231	Cl. 19, Cl. 37. GLOBAL WINDOWS (IRELAND) LTD
253188	Cl. 9, Cl. 37, Cl. 38, Cl. 42. Aqua Comms Limited
253318	Cl. 35. Back To Nature Limited
253414	Cl. 14. ROBERT BLACOE
253772	Cl. 9, Cl. 16, Cl. 35, Cl. 37, Cl. 38, Cl. 41, Cl. 42. Eircom Limited
253814	Cl. 19. ATLANTIC DEVELOPMENTS (NI) LIMITED
253935	Cl. 36, Cl. 41, Cl. 43. Starwood Hotels & Resorts Worldwide, LLC
253936	Cl. 36. Starwood Hotels & Resorts Worldwide, LLC
253976	Cl. 33. Lidl Stiftung & Co. KG
253987	Cl. 42. BUILDING SERVICES ENGINEERING LIMITED
254017	Cl. 29, Cl. 30. Lidl Stiftung & Co. KG
254024	Cl. 33. Lidl Stiftung & Co. KG
254074	Cl. 41. Teresa Pelka
254130	Cl. 35, Cl. 43. MARION HUGHES
254142	Cl. 1. Donal Duggan
254160	Cl. 29, Cl. 31, Cl. 32. Total Produce Plc
254161	Cl. 29, Cl. 31, Cl. 32. Total Produce Plc
254237	Cl. 35. Run Logic Ltd
254439	Cl. 5. LABORATOIRE AGUETTANT
254463	Cl. 5, Cl. 9, Cl. 16, Cl. 18, Cl. 25, Cl. 28, Cl. 32, Cl. 41, Cl. 43. Pure Gym Limited
254464	Cl. 5, Cl. 9, Cl. 16, Cl. 18, Cl. 25, Cl. 28, Cl. 32, Cl. 41, Cl. 43. Pure Gym Limited
254500	Cl. 33. Lidl Stiftung & Co. KG
254959	Cl. 33. COOPERATIVE AGRICOLE VITI-FRUTTICOLTORI ITALIANI RIUNITI ORGANIZZATI S.C.A IN BREVE C.A.V.I.R.O. S.C.A
256520	Cl. 9. Samsung Electronics Co., Ltd.
257514	Cl. 9. UNIVERSAL ELECTRONICS INC.
257518	Cl. 43. Recipe Unlimited Corporation

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

43556	Cl. 22. Relyon Beds Limited
107405	Cl. 19. Neste Oyj
229099	Cl. 3, 14, 20, 21, 24, 29, 30, 32. DISNEY ENTERPRISES, INC.

- 231144** Cl. 16, 35. Kramp Groep B.V.
250056 Cl. 8, 21. TOM CRONIN
250900 Cl. 35, 38. AFRICAN QUALITY
LIMITED

Surrender of Registered Trade Mark(s) - Rule 36 of 1996 Trade Mark Rules

- 217201** Class 33. Alcoholic beverages (except
beers). Heidsieck & Co Monopole.
Surrender in respect of all goods.
- 262636** Class 30, 43. Pompeii Pizza Ltd.
Surrender in respect of all goods and
services.

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

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.



1219666 30/04/2025

- Class 6. Pipes and fittings of metal for transporting liquids or gas (including metal valves, casing pipes), namely, quick couplings used in transporting liquid or gas through pipes.
- Class 7. Engines and motors other than for land vehicles, parts and fittings therefor, parts of machines, namely coupling and coupling systems, automatic sleeve coupling, connectors and adaptors, quick couplings for transporting of liquids or gases in hydraulic and pneumatic systems in machines.

RTC TEC BAĞLANTI ELEMANLARI SANAYİ VE TİCARET A.Ş., Aydınlı Mah. İstanbul Deri OSB, Kadife Cadde No:2, Tuzla / İSTANBUL, Türkiye

Colour Claimed: Dark blue.

Representative: Erk Patent Marka ve Fikri Haklar Danismanligi Limited Sirketi, Halk Sk. No:46 K:6 D:13 Sahrayıcedit, Kadıköy / İstanbul, Türkiye

MayoCado

1718533 07/02/2023

- Class 30. Vinegar, sauces and other condiments, in particular sauces [condiments], mayonnaise, mayonnaise-based sauces, dressings for salad.

Priority Date Claimed: 03 November 2022 Germany
Axel Dahm, Martin-Luther-King Strasse 32, 53175 Bonn, Germany

Representative: CMS Hasche Sigle
Partnerschaft von
Rechtsanwälten und

Steuerberatern mbB, Postfach
25 02 29, 50518 Köln,
Germany

goodme

1812474 26/04/2024

Class 16. Paper; label paper; towels of paper; advertisement boards of paper or cardboard; cardboard packaging; stickers [stationery]; bookmarkers; printed coupons; pamphlets; calendars; postcards; note books; posters; magazines [periodicals]; pictures; wrapping paper; plastic film for wrapping; containers of paper for packaging; shopping bags of paper or plastic; stapling presses [office requisites]; document files [stationery]; stationery; pencil holders; ink; stamps [seals]; pens [office requisites]; paint trays; printing sets, portable [office requisites]; magnetic boards being office requisites; architects' models.

Class 29. Charcuterie; seaweed extracts for food; fish-based snack food; fruit-based snack food; dried fruit mixes; fruit, processed; coconut milk for culinary purposes; vegetable juices for cooking; fruit-based concentrate for cooking; eggs; cheese; cream [dairy products]; yogurt; milk beverages, milk predominating; beverages

made from yogurt; milk tea, milk predominating; soya milk being milk substitute; milk products; milk shakes; oils for food; cocoa butter for food; fat-based spreads for bread slices; jellies for food, other than confectionery; nuts, prepared; dried edible black fungi; tofu; sausage casings, natural or artificial.

Class 30. Coffee-based beverages; coffee; beverages made from coffee; roasted coffee beans; tea beverages; tea; tea beverages with milk; sugar; sweets; honey; cheesecakes; bread; cakes; cookies; rice-based snack food; cereal-based snack food; sushi; cereal preparations; instant noodles; malt for human consumption; rice crisps; ice cream; cooking salt; vinegar; bicarbonate of soda for cooking purposes [baking soda]; essences for foodstuffs, except etheric essences and essential oils; condiments; aromatic preparations for food; preparations for stiffening whipped cream.

Class 32. Beer; non-alcoholic beverages; fruit nectars, non-alcoholic; non-alcoholic beverages flavoured with tea; coconut juice; fruit juices; non-alcoholic fruit extracts; non-alcoholic fruit juice beverages; non-alcoholic fruit extracts for making beverages; non-alcoholic essences for making beverages; coconut water; aerated water; sorbets [beverages]; vegetable juices [beverages]; plant-based beverages; smoothies; energy drinks; syrups for beverages; preparations for making non-alcoholic beverages.

Class 35. Advertising planning services; publicity; demonstration of goods;

market research; business management advisory services relating to franchising; business management assistance in the field of franchising; business management services in relation to franchising; business management of hotels; procurement services for others [purchasing goods and services for other businesses]; import-export agency services; provision of an online marketplace for buyers and sellers of goods and services; personnel recruitment; office machines and equipment rental; business auditing; rental of vending machines; retail services for pharmaceutical, veterinary and sanitary preparations and medical supplies.

- Class 43. Café services; juice bars; mobile food services; tea room services; hotel reservations; serving food and drinks in milk bars; canteen services; restaurant services; take-out restaurant services; rental of transportable buildings; retirement home services; day-nursery [crèche] services; boarding for animals; rental of heating and cooling apparatus for dispensing hot and cold beverages; rental of cooking apparatus.

Priority Date Claimed: 21 March 2024 China
 Priority Date Claimed: 21 March 2024 China
 Priority Date Claimed: 21 March 2024 China
 Priority Date Claimed: 21 March 2024 China
 Priority Date Claimed: 21 March 2024 China
 Priority Date Claimed: 21 March 2024 China

Guming Technology Group Co., Ltd., The north side of class I highway at Daxi Town, Wenling City, Taizhou City, 317525 Zhejiang Province, China

Representative: Beijing Wan Hui Da Intellectual Property Agency,

Address for service:

Yiyuan Office Building,
 Friendship Hotel, No. 1
 Zhongguancun Street South,
 Haidian District, 100873
 Beijing, China

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



1820283 25/06/2025

- Class 17. Flexible hoses, not of metal; water-tight rings; cylinder jointings; pipe muffers, not of metal; junctions, not of metal, for flexible pipes; hoses of textile material; watering hose; hoses of plastic; pipe gaskets; connecting hose for vehicle radiators.

Luohe Letone Hydraulics Technology Co., Ltd., Private Industrial Park, Economy Development Area, Luohe City, 462005 Henan Province, China

Representative: Dingdong Zhiduoduo (Henan) Intellectual Property Co., Ltd,

2001 Longquan Building, No.
260 Kaiyuan Avenue, Luolong
District, Luoyang City, Henan
Province, China



1865614 09/04/2025

Class 9. Mouse [computer peripheral]; computer chassis; computer peripheral devices; couplers [data processing equipment]; computer keyboards; transponders; cabinets for loudspeakers; materials for electricity mains [wires, cables]; regulating apparatus, electric; low-voltage power supplies; heat sinks for computers.

Priority Date Claimed: 28 March 2025 China

Guangzhou Aojie Science & Technology Co., Ltd,
Room 901, Building 1, No. 30, South Of Mingzhu
Road, Mingzhu Ind. Zone, Conghua Dist.
Guangzhou, 510000 Guangdong, China

Representative: Guangzhou Juhui Intellectual
Property Agency Co., Ltd., No.
303, Floor 3, No.11 West
Xingang Road, Haizhu,
Guangzhou, Guangdong, China

CLEARFORM

1865760 21/05/2025

Class 16. Plastic materials for packaging; flexible plastic packaging materials for use in the medical industry; flexible plastic packaging materials for general use.

PAXXUS PTE. LTD., 9 TUAS AVENUE 4,
SINGAPORE 639365, Singapore

Representative: Celine Teo c/o UNION LAW
LLP, 11 COLLYER QUAY,
#12-06 THE ARCADE,
SINGAPORE 049317,
Singapore

ATLANT

1865978 08/10/2024

Class 7. Compressors for refrigerators and freezers; dishwashing machines; washing machines [laundry]; vacuum cleaners; injection plastic moulding machines incorporating mixers, drying devices, dosage dispensers, devices for material delivery, devices for finished products transporting; devices and machines for plastic crushing; moulding machines for porcelain and faience products; machines for working edges of porcelain and faience products; spin

dryers [not heated] and vacuum crushers used in the production of porcelain or faience; conveyors [machines], chain conveyors, roller conveyors, elevators for continuous operation; automated machines for warehousing; cutting tools [parts of machines].

Class 11. Air cooling apparatus; boilers, other than parts of machines; freezers; cooking stoves; refrigerating apparatus and machines; walk-in refrigerators; refrigerating containers; cool boxes, electric; electric hot plates; kitchen ranges [ovens]; refrigerators; kettles, electric; refrigerating display cabinets; refrigerators, cooling apparatus and freezers for medical storage purposes.

Class 37. Household and kitchen appliances repair; repair and modernization of metal-cutting, press-forging, transport and lifting, woodworking equipment; heating equipment installation and repair; masonry, roofing services; electric appliance installation and repair; rebuilding machines that have been worn or partially destroyed.

Class 39. Bus transport, car transport, hauling.

Zakrytoe aktsionernoe obshestvo «Atlant»
(ATLANT Inc.), Pobeditelei Av. 61, 220035 Minsk,
Belarus

SEGPAY

1866225 13/06/2025

Class 36. Providing electronic processing of credit card transactions and electronic payments via a global computer network; providing electronic processing of electronic funds transfer, ACH, credit card, debit card, electronic check and electronic payments.

Toccata, Inc., 220 Hillsboro Technology Drive, Ste. 130, Deerfield Beach FL 33441, United States of America

Representative: Lawrence G. Walters, Esq.
Walters Law Group, 195 W.
Pine Avenue, Longwood FL
32750, United States of
America

BLAUCOOL

1866332 19/05/2025

Class 11. Desiccating apparatus; air deodorizing apparatus; ionization apparatus for the treatment of air or water; hand drying apparatus for washrooms; freezers; air reheaters; heating devices (radiators); air purifying apparatus and machines; refrigeration appliances and equipment; lighting devices and equipment; electric heating appliances; hot air apparatus; radiators [heating]; air sterilization equipment; bathroom sanitary equipment;

steam generating installations; air filtration equipment; heating installations; polymerisation installations; air cooling equipment; filters (strainers) for air conditioning; refrigerated cabinets; steam accumulators; heat accumulators; refrigeration equipment and machines; water purification devices and machines; drying machines and equipment; fans (air conditioning); fans (parts of air conditioning equipment); electric fans for personal use; air conditioners; air conditioners for vehicles; water heaters; water heaters; kitchen food extractor hoods; refrigerated containers; chimney blowers; coils (parts of distillation, heating and refrigeration equipment); chimney flues; air valves for steam heating equipment; thermostatic valves [parts of heating installations]; solar thermal collectors [heating]; caps being parts of ventilation or air-conditioning extractors; fume cupboards for laboratory use; ultraviolet lamps not for medical purposes; heat pumps; refrigeration devices; solar furnaces; air deodorizing apparatus; disinfectant apparatus for dispensing solutions into water-pipes for sanitary installations; heat regenerators; air drying equipment; hair dryers; heat exchangers, except machine parts; humidifiers for central heating radiators; air conditioning equipment; water refrigeration equipment; refrigeration equipment for liquids; water treatment equipment; ventilation (air-conditioning) equipment and devices; ventilation (air conditioning) equipment for vehicles;

refrigerators; dampers [heating]; heating elements.

Priority Date Claimed: 02 April 2025 Ukraine

BLAUBERG CYPRUS LTD, Renatou Kartesiou 17, Agios Athanasios, CY-4105 Limassol, Cyprus

Representative: Rudyy Taras Hryhorovych, PO box 31, Kyiv-136 04136, Ukraine



1866333 19/05/2025

Class 11. Desiccating apparatus; air deodorizing apparatus; ionization apparatus for the treatment of air or water; hand drying apparatus for washrooms; freezers; air reheaters; heating devices (radiators); air purifying apparatus and machines; refrigeration appliances and equipment; lighting devices and equipment; electric heating appliances; hot air apparatus; radiators [heating]; air sterilization equipment; bathroom sanitary equipment; steam generating installations; air filtration equipment; heating installations; polymerisation installations; air cooling equipment; filters (strainers) for air conditioning; refrigerated cabinets; steam accumulators; heat accumulators; refrigeration equipment and machines; water purification devices and machines; drying

machines and equipment;
fans (air conditioning); fans
(parts of air conditioning
equipment); personal electric
fans; air conditioners; air
conditioners for vehicles;
water heaters; water heaters;
kitchen food extractor hoods;
refrigerated containers;
chimney blowers; coils (parts
of distillation, heating and
refrigeration equipment);
chimney flues; air valves for
steam heating equipment;
thermostatic valves [parts of
heating installations]; solar
thermal collectors [heating];
caps being parts of
ventilation or air-
conditioning extractors; fume
cupboards for laboratory use;
ultraviolet lamps not for
medical purposes; heat
pumps; refrigeration devices;
solar furnaces; air
deodorizing apparatus;
disinfectant apparatus for
dispensing solutions into
water-pipes for sanitary
installations; heat
regenerators; air drying
equipment; hair dryers; heat
exchangers, except machine
parts; humidifiers for central
heating radiators; air
conditioning equipment;
water refrigeration
equipment; refrigeration
equipment for liquids; water
treatment equipment;
ventilation (air-conditioning)
equipment and devices;
ventilation (air conditioning)
equipment for vehicles;
refrigerators; dampers
[heating]; heating elements.

Priority Date Claimed: 02 April 2025 Ukraine

BLAUBERG CYPRUS LTD, Renatou Kartesiou 17,
Agios Athanasios, CY-4105 Limassol, Cyprus

Representative: Rudy Taras Hryhorovych, PO
box 31, Kyiv-136 04136,
Ukraine

FLATWORLD.AI

1866442 06/06/2025

Class 42. Artificial intelligence as a service (AIAAS) services featuring software using artificial intelligence for data extraction and data processing across industries including accounting, healthcare, insurance, mortgage, ecommerce, inventory management, legal and other verticals that require data to be extracted from physical and digital documents, sending intelligent chat and email responses, and enabling automation of video and image editing; artificial intelligence as a service (AIAAS) services featuring software using artificial intelligence for tracking receipts, income, and bank transactions in the field of accounting; artificial intelligence as a service (AIAAS) services featuring software using artificial intelligence for conducting risk assessments that identify risks; artificial intelligence as a service (AIAAS) services featuring software using artificial intelligence for conducting analysis of credit history, for evaluating payment history, and for monitoring portfolios in the field of underwriting; artificial intelligence as a service (AIAAS) services featuring software using

artificial intelligence for conducting sentiment analysis that monitors and analyzes customer's opinions; artificial intelligence as a service (AIAAS) services featuring software using artificial intelligence for conducting quality monitoring and control that identifies customer concerns; artificial intelligence as a service (AIAAS) services featuring software using artificial intelligence for conducting customs brokerage and logistics to verify customs declarations are correct; artificial intelligence as a service (AIAAS) services featuring software using artificial intelligence for rendering drawing drafts in connection with civil, mechanical, and architectural services; artificial intelligence as a service (AIAAS) services featuring software using artificial intelligence for conducting research and analysis; generative artificial intelligence as a service (AIAAS) services featuring software using generative artificial intelligence for data extraction and data processing across industries including accounting, healthcare, insurance, mortgage, ecommerce, inventory management, legal and other verticals that require data to be extracted from physical and digital documents, sending intelligent chat and email responses, and enabling automation of video and image editing; generative artificial intelligence as a service (AIAAS) services featuring software using generative artificial intelligence for tracking receipts, income, and bank transactions in the field of

accounting; generative artificial intelligence as a service (AIAAS) services featuring software using generative artificial intelligence for conducting risk assessments that identify risks; generative artificial intelligence as a service (AIAAS) services featuring software using generative artificial intelligence for conducting analysis of credit history, for evaluating payment history, and for monitoring portfolios in the field of underwriting; generative artificial intelligence as a service (AIAAS) services featuring software using generative artificial intelligence for conducting sentiment analysis that monitors and analyzes customer's opinions; generative artificial intelligence as a service (AIAAS) services featuring software using generative artificial intelligence for conducting quality monitoring and control that identifies customer concerns; generative artificial intelligence as a service (AIAAS) services featuring software using generative artificial intelligence for conducting customs brokerage and logistics to verify customs declarations are correct; generative artificial intelligence as a service (AIAAS) services featuring software using generative artificial intelligence for rendering drawing drafts in connection with civil, mechanical, and architectural services; generative artificial intelligence as a service (AIAAS) services featuring software using generative artificial intelligence for conducting research and

analysis; data science services, namely, data automation and collection service using proprietary software to evaluate, analyze and collect service data; computer graphic design services.

animal bedding and nesting material; live animals.

Canimed Group Ltd, 124 City Road, London EC1V 2NX, United Kingdom

Priority Date Claimed: 17 December 2024 United States of America

Flatworld Solutions, Inc., 116 Village Blvd., Suite 200, Princeton NJ 08540, United States of America

Representative: Kourtney A. Mulcahy Akerman LLP, Suite 1100 West Tower, 777 South Flagler Drive, West Palm Beach FL 33401, United States of America



CANIVET

1866488 17/04/2025

Class 5. Dietary supplements for animals; vitamin supplements for animals; protein supplements for animals; mineral dietary supplements for animals; additives and supplements for animals; supplements and food additives for animals.

Class 31. Food and beverages for animals; foodstuffs for animals, animal feed; flavourings for animal foodstuffs; complete foods, animal biscuits, treats and chews for animals; bones and other animal derivatives for consumption by animals; algae for animal consumption; animal litter;

1866933 29/05/2025

Class 42. Software as a service (SAAS) services featuring software for recruiting, screening and hiring at scale; Software as a service (SAAS) services featuring software using artificial intelligence (AI) for hiring.

EverAI Labs Inc., 600 N. Pine Island Road, Suite 320, Plantation FL 33324, United States of America

Representative: Brian Tucker Kirton McConkie, 36 S. State Street, #1900, Salt Lake City UT 84111, United States of America



1867178 17/03/2025

- Class 24. Elastic woven fabrics; fabric; non-woven textile fabrics; wall hangings of textile; towels of textile; quilts; furniture coverings of textile; hada [greeting fabric]; banners of textile; curtains of textile.
- Class 25. Clothing; baby layettes for clothing; clothing for gymnastics; waterproof clothing; stage costumes; shoes; hats; hosiery; gloves [clothing]; neckties; scarves; mantillas; veils [clothing]; belts [clothing]; belts for clothing; religious dresses; wedding dresses.

Jiangsu Guowang High-Technique Fiber Co., Ltd.,
Meiyan Development Area, Wujiang, Suzhou City,
215000 Jiangsu Province, China

Representative: King & Wood Mallesons, 02A,
43rd Floor, West Tower, China
Overseas Fortune Center, 9
Suzhou Avenue West, Suzhou
Industrial Park, Suzhou,
215021 Jiangsu, China

**COOLING THE CLOUD.
PROTECT THE PLANET.**

1867288 03/03/2025

- Class 6. Building materials, namely, metal suspended ceiling systems comprising metal panels with metal airflow diffuser panels; metal suspended ceiling system containing air filter panels; metal ceiling grids; ceiling supports of metal.
- Class 7. Pumps sold in combination for use with swimming pools; pumps sold in combination for use with non-pool applications.
- Class 9. Microprocessors, electronic computer hardware and downloadable and recorded software for the remote monitoring and data-logging of critical system values for HVAC, direct outdoor air, dehumidification, heat recovery, energy recovery, air purification, dehydration and desalinization systems used in swimming pool applications and non-pool, critical environment applications; pneumatic controllers in the nature of automatic valves for atmospheric conditioning units; zone control systems for home heating and atmospheric conditioning comprising of a series of thermostats and an electronic control panel for opening and closing a series of connected dampers being control devices used in air ducts to regulate the flow of air; electrical controls to monitor and control the water in the atmospheric environment, namely, electrical controllers for humidifiers and dehumidifiers; thermostats; electrical controllers for atmospheric conditioning units, namely, for air conditioners, heaters, direct outdoor systems and air

	purifiers; microphones for fan and blower assemblies for heating, ventilating and air conditioning products, audio speakers for fan and blower assemblies for heating, ventilating and air conditioning products; component parts for heating, ventilating, and air conditioning products, namely, control systems consisting primarily of electric control devices for fan and air blower assemblies; controllers, namely, electric control panels and electric remote operator panels sold as an integral component of dehumidifiers and HVAC units and as replacement parts therefor; refrigerant pressure transducers sold as an integral component of dehumidifiers and HVAC units and as replacement parts therefor.	ventilation, high efficiency air filtration, and indoor air circulation; drying chambers for moisture damage restoration and mold remediation, namely, drying apparatus for use in HVAC, direct outdoor air, dehumidification, heat recovery, energy recovery, air purification, dehydration and desalinization systems; portable and stationary hot air drying electric space heaters for use in structural drying and restoration from weather and water damage; HVAC units for air cooling, namely, air conditioners, split system HVAC units, condensing units being HVAC units, dedicated outdoor air units, dedicated outdoor air systems, dedicated outdoor atmospheric environment units, and dedicated outdoor atmospheric environment systems; heat pumps, packaged rooftop units, namely, HVAC units, rooftop air handlers; HVAC units; infrared heaters for non-medical use, namely, tube heaters, unitary tube heaters, radiant heaters and stick heaters; unit heaters, namely, electrical heaters for commercial use, electric space heaters; cabinet heaters, namely, electric heaters for commercial use, electric space heaters; air turnover units, namely, air handlers; air handling units; hygienic air handling units; split air systems comprising condensing units being HVAC units; energy recovery units and modules, namely, energy recovery ventilators; air finishing systems and equipment, namely, industrial process and finishing equipment being batch curing ovens, pre-treatment air washers, dry off ovens for use
Class 11.	Dehumidifiers; fixed dehumidifiers; portable dehumidifiers; portable refrigerant dehumidifiers; overhead dehumidifiers; dehumidifiers for indoor growing environments; air movers, namely, ventilating fans for commercial and industrial use; axial air movers, namely, electric fans for moving air and promoting evaporative drying and positive or negative pressurization of spaces; component parts specially adapted for use with dehumidifiers, namely, metal and non-metal casters, air filter units, metal brackets, pumps, electric control panels, metal and non-metal ventilating ducts kits, humidistats; air cleaning units; portable air cleaning units that remove hazardous particles from the air; air purifying supply ventilators that provide fresh air	

in HVAC, direct outdoor air, dehumidification, heat recovery, energy recovery, air purification, dehydration and desalinization systems, cure ovens; finishing systems comprising direct-fired air handlers, direct-fired make-up air handlers, make up air heaters, air handling units, heater being electric commercial heater, air conditioners, ventilators for heat and energy recovery, humidifier and combinations thereof to create, when desired, at least two interior environments in a defined space; packaged heat recovery and dehumidification systems for swimming pools, namely, dehumidifying apparatus that controls humidity and temperature in commercial, institutional and recreational swimming pool applications; device that removes water from an atmospheric environment in a natatorium, namely, dehumidifiers, natatorium ventilation units; indoor split outdoor air unit that removes water from the atmospheric environment in a room, namely, dehumidifiers, fluid coolers in the nature of water coolers, electric coolers and evaporators in the nature of cooling evaporators, evaporators for air conditioners; fans, namely, electric fans, fans for HVAC units; atmospheric heaters, namely, solar water heaters, electric heaters for commercial use; atmospheric conditioners, namely, air conditioners, radiators; purgers, namely, valves for air conditioners; outdoor ventilation, namely, ventilators for dehumidifiers, ventilating fans for industrial use; pool water heaters; heaters; heaters; gas fired

infrared heaters for commercial use and replacement parts therefor; heating equipment in the nature of hot air blowers for use inside paint booths for drying vehicular paint; air conditioners; air conditioning apparatus and installations; air cooling apparatus; air purifying units for commercial and domestic use; self-contained indoor heating, ventilating, and air conditioning units for commercial, institutional, and industrial buildings; industrial and commercial heaters and heating coils; ventilation fans for industrial and commercial use; filters for ceiling air ventilation systems comprising metal panels; heating, cooling, refrigerating, ventilation and energy recovery equipment, namely, air handlers and packages and custom-engineered air conditioners, chillers, namely, process chillers that provide temperature-controlled fluid to heating and cooling devices, gas, electric, hydronic and solar heating installations; ventilation fans for residential, commercial and industrial use; humidifiers and dehumidifiers for commercial and industrial use, and steam generators; heating, ventilating and air conditioning products, namely, ventilating louvers; inlet cones for the flow of air for use in fan and air blower assemblies; dampers, namely, control devices used in air ducts to regulate the flow of air; fume hoods; laboratory exhaust systems, namely, ventilation exhaust fans, and air blowers; smoke and gas evacuation systems consisting primarily of venting,

- ventilation exhaust fans, and air blowers; roof-mounted custom heating, ventilating, and air conditioning equipment for use in commercial, institutional, and industrial buildings.
- Class 17. Thermal breaks, namely, air conditioner insulation materials sold as an integral component of air conditioners and as replacement parts therefor; sound silencers sold as an integral component of fan and air blower assemblies and heating, cooling, refrigerating, ventilating, air quality and energy recovery equipment.
- Class 37. Repair of microprocessors, electronic hardware, pneumatic controllers for atmospheric environment conditioning units, zone control systems for home heating and atmospheric environment conditioning comprising of a series of thermostats connected to a control panel which opens and closes a series of dampers, electrical humidifier controls, thermostats, electrical controllers for air conditioning units, natatorium device that removes water from an atmospheric environment, natatorium ventilation units, indoor split outdoor device that removes water from an atmospheric environment, fluid coolers, evaporators, fans, compressors, atmospheric environment heaters, atmospheric environment conditioners, purgers in the nature of water and air pumps, thermal breaks, outdoor ventilation units, pool water heaters, remote operator panels, controllers for electronic hardware, refrigerant pressure transducers, control sensors,

pipes, electronic display screens, and cambered roofs and packaged heat recover device that removes water from an atmospheric environment systems for swimming pools, namely, devices that remove water from an atmospheric environment that control humidity and temperature in commercial, institutional and recreational medium to large swimming pool applications.

- Class 42. Engineering and design services in the field of industrial process finishing systems such as ovens, washers, dryers, conveyors, incinerators, tanks, spray nozzles, pumps, valves, gauges, doors, and catwalks.

Priority Date Claimed: 05 September 2024 United States of America

Madison IAQ LLC, 444 West Lake Street, Suite 4400, Chicago IL 60606, United States of America

Representative: Michael J. Turgeon Vedder Price P.C., 222 North LaSalle Street, Suite 2200, Chicago IL 60601, United States of America

NO7 BEAUTY COMPANY SKIN SCHOOL

1867449 15/04/2025

- Class 16. Printed educational, instruction, information and guidance materials in the field of cosmetics, skincare, beauty and make-up and in

	the application and use of cosmetic, skincare and beauty products; printed educational publications, namely, manuals, handbooks, books, curricula, pamphlets, brochures and information sheets in the field of cosmetics, skincare and beauty and in the application and use of cosmetic, skincare and beauty products.	information in the field of dermatology; provision of information in the field of cosmetics, skincare and beauty; provision of advice and information in the field of cosmetics, skincare and beauty and in the application and use of cosmetic, skincare and beauty products; provision of advice and information relating to skin type, skin tone, skin health and skin complexion for cosmetic skincare purposes; cosmetic analysis of skin type, skin tone, skin health and skin complexion; cosmetic analysis services for determining the most appropriate cosmetic, skincare and beauty products to be used with a person's skin type, skin tone, skin health and skin complexion; cosmetic skin analysis; cosmetic consultation and application services; skincare consultation and application services; cosmetic skincare services; beauty treatment services.
Class 41.	Provision of training and instruction in the field of cosmetics, skincare, beauty and make-up and in the application and use of cosmetic, skincare and beauty products; provision of educational information in the field of cosmetics, skincare and beauty; education services, namely, providing training programmes, videos, tutorials, classes, demonstrations, seminars, pictures, instruction, information, guidance in the field of cosmetics, skincare and beauty and in the application and use of cosmetic, skincare and beauty products; provision of online non-downloadable training programmes, videos, tutorials, classes, demonstrations, seminars, pictures, and instruction, information and guidance materials in the field of cosmetics, skincare and beauty and in the application and use of cosmetic, skincare and beauty products.	
Class 44.	Consultancy, advisory and information services relating to cosmetics, skincare and beauty; provision of information in relation to skin conditions, medical skin conditions, skin concerns, and skin health; provision of information and advice in the field of cosmetic dermatology; provision of	

Priority Date Claimed: 16 October 2024 United Kingdom

The Boots Company PLC, Group Intellectual Property, Legal Department, D90 WF20, Nottingham NG2 3AA, United Kingdom

Representative: The Boots Company PLC, Group Intellectual Property, D90W F20, Nottingham NG90 1BS, United Kingdom

DeepRec.ai

1867679 23/05/2025

Class 35. Advertising; business management, organization and administration; office functions; recruitment services; personnel recruitment; employment recruitment; recruitment advertising; professional recruitment services; recruitment consultancy services; business recruitment consultancy; office support staff recruitment services; advisory services relating to personnel recruitment; providing information relating to personnel recruitment; talent agency services; recruitment consultants in the digital and technology field; recruitment consultants in the life sciences field; recruitment consultants in the IT field; recruitment consultants in the legal and compliance fields; management advice relating to the recruitment of staff; recruitment of executive staff; digital recruitment agency services; providing knowledge and expertise in the field of digital recruitment; providing knowledge and expertise in the field of legal and compliance recruitment; providing knowledge and expertise in the field of risk management recruitment; providing knowledge and expertise in the field of accounting and finance recruitment; providing knowledge and expertise in the field of information and cyber security recruitment; providing knowledge and expertise in the field of front office recruitment; providing knowledge and expertise in the field of life sciences recruitment; recruitment of

life sciences staff; recruitment of IT staff; recruitment of digital and technology staff; recruitment of general office staff; recruitment of legal and compliance staff; recruiting contract, interim and permanent staff in the digital and technology field for roles relating to data, design, marketing and sales, product management and software engineering; recruiting contract, interim and permanent staff in the business management and legal and compliance fields for roles relating to compliance and financial crime, risk and resilience, accounting, finance and auditing, information security and cyber security and front office; recruiting contract, interim and permanent staff in the life sciences field for roles relating to quality, engineering and construction, commissioning, qualification and validation, technical operations, regulatory, research and development, clinical, medical and drug safety, commercial, digital health and data science and AI; recruitment services, including such services provided online from a computer database or the internet; employment agency services, including such services provided online from a computer database or the internet; provision of advertisements relating to jobs; workforce management services; human resource consulting; research and analysis in the field of recruitment and human resources; staff recruitment and outsourcing services; contract staff recruitment services; business consultation services in the

fields of personnel
management, placement and
relocation; employee
attraction, retention and
analysis programmes.

Priority Date Claimed: 20 May 2025 United
Kingdom

Trinnovo Group Ltd, 20 Westland Place, London N1
7JR, United Kingdom

Representative: ip21 Limited, Central
Formalities Department, Suite
2, The Old Dairy, Elm Farm
Business Park, Wymondham,
Norwich, Norfolk NR18 0SW,
United Kingdom

TEA RIVER LOUIS VUITTON

1867696 26/06/2025

Class 3. Perfumes; perfumery
products; eaux de toilette; eau
de Cologne; deodorants
[perfumery].

Priority Date Claimed: 27 December 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
Propriété Intellectuelle, 2 rue
du Pont Neuf, F-75001 Paris,
France

UNTOLD JAPAN

1867841 13/06/2025

Class 39. Escorting of travel tours;
travel reservation; conducting
of travel tours.

UNTOLD JAPAN Inc., 3-1-1, Kamiosaki,
Shinagawa-ku, Tokyo 141-0021, Japan

Representative: INOUE & Co. PATENT &
TRADEMARK OFFICE, 2F,
SHINSEI Bldg., 7-6, Taito 4-
Chome, Taito-ku, TOKYO
110-0016, Japan

EXPHARMA

1868122 28/04/2025

Class 1. Active chemical ingredients
for use in the manufacture of
pharmaceuticals; plant
extracts, other than essential
oils, for use in the
manufacture of
pharmaceuticals; industrial
chemicals; vitamins for use in
the manufacture of
pharmaceuticals; vitamins for
use in the manufacture of
food supplements.

Class 5. Enzyme dietary supplements;
appetite suppressant pills;
analgesics; disinfectants;
medical preparations for
slimming purposes;
diagnostic preparations for
medical purposes used by
medical laboratories;

medicines for veterinary purposes; medicines for dental purposes; medicines for human purposes; drugs for medical purposes; medicated dentifrices; medicated toiletry preparations; medicated shampoos for pets; medicated dry shampoos; medicated eye-washes; pharmaceutical preparations for skin care; chemico-pharmaceutical preparations; nutraceutical preparations for therapeutic or medical purposes; immunostimulants; lotions for pharmaceutical purposes; nutritional supplements; chemical preparations for pharmaceutical purposes; chemical preparations for medical purposes; vitamin preparations.

- Class 35. Presentation of goods on communication media, for retail purposes; wholesale services for pharmaceutical, veterinary and sanitary preparations and medical supplies; retail services for pharmaceutical, veterinary and sanitary preparations and medical supplies; import-export agency services.

ExtractumPharma zrt., Megyeri út 64., H-1044
Budapest, Hungary

Representative: Kiss Szabadalmi és Védjegy
Iroda Kft., Arany János utca 15.
III. 3.5., H-1051 Budapest,
Hungary



1868123 31/03/2025

- Class 34. Cigarettes; devices for heating tobacco for the purpose of inhalation; matches; gas containers for cigar lighters; filter tip; flavorings, other than essential oils, for use in electronic cigarettes; electronic cigarettes; liquid for e-cigarettes; electronic cigarettes used as an alternative to traditional cigarettes; oral vaporizers for smokers.

Shenzhen SKE Technology Co., Ltd., Building 3,
Antuoshan High-tech Industrial Park, Shaer
Community, Shajing Street, Baoan District,
Shenzhen City, 518000 Guangdong Province, China

Bizcap

1868186 24/06/2025

Class 36. Advice on finance for retirement; advisory services relating to finance; advisory services relating to investment finance; arranging finance for construction projects; consultancy services relating to finance; consultancy services relating to personal finance; corporate finance consultancy; corporate finance services; export finance services; finance leasing; lease purchase finance; management of finances; project finance; providing finance for credit sales; provision of commercial finance; equipment financing services; provision of finance; provision of lease-purchase finance facilities; provision of trade finance; raising of finance; research services relating to finance; trade finance services; brokerage; financial brokerage; management of funds; instalment loans; loans (financing); provision of commercial loans; syndicated loans; advisory services relating to (financial) risk management; advisory services relating to financial matters; brokerage services relating to financial instruments; conducting of financial transactions; consultation services relating to financial matters; consultations (financial); economic financial research services; financial advice; financial advisory services; financial advisory services for companies; financial affairs; financial analysis; financial analysis for the purposes of identifying fraudulent financial activity; financial consultancy; financial consultation services; financial credit

services; financial economic advisory services; financial economic analysis; financial fund management; financial information; financial information services; financial intermediary services; financial investment; financial investment advisory services; financial investment fund services; financial investment management services; financial lending; financial loan services; financial loss management; financial management; financial management advisory services; financial underwriting; organisation of financial collections; organising financial collections; provision of information relating to financial services; financial calculation services for others, namely, loan and finance calculation for others; advice regarding credit; consultancy services relating to credit; consultations relating to credit; credit (financing); corporate financing.

BizCap AU Pty Ltd, L 7, 612-616 St Kilda Road,
Melbourne VIC 3004, Australia

Representative: Hall & Wilcox, Level 31,
Queen & Collins, 376-390
Collins Street, Melbourne VIC
3000, Australia

RELYON

1868318 25/06/2025

Class 25. Clothing; shoes; hats; hosiery; gloves [clothing]; scarves; belts [clothing]; cyclists' clothing; layettes [clothing]; sports jerseys.

Fujian Relyon Import and Export Co., Ltd., Second Floor, Production and R&D Building, No.168 Chongrong Street, Economic and Technological Development Zone, Quanzhou City, 362000 Fujian Province, China



1868685 15/05/2025

Class 1. Chemicals used in industry, science, photography, agriculture, horticulture and forestry (including biological preparations used in industry and science, pectin, lecithin, enzymes and preservative chemicals used in the food industry and vitamins, preservatives and antioxidants used in cosmetics production); manures and soils;

unprocessed artificial resins and unprocessed plastics; fire extinguishing compositions; adhesives not for medical, household and stationery purposes.

Class 2. Paints; varnishes; lacquers; preservatives against rust; preservatives against deterioration of wood; thinners and binders for paints; pigments; coating materials in the form of paints; preservatives for metals; shoe dyes; printing dyes and ink; toners (including filled toner cartridges); colorants for food, pharmaceuticals and beverages; raw natural resins; metals in foil and powder form for painters, decorators, printers and artists.

Class 17. Rubber, gutta-percha, gum, asbestos, mica and semi-finished synthetic goods made from these materials in the form of powder, bars, panels and foils included in this class; profile laths made of synthetic rubber for vehicles for the purposes of decoration; flexible pipes made from rubber and plastic; hoses made of plastic and rubber, including those used for vehicles; junctions for pipes of plastic and rubber; pipe jackets of plastic and rubber; hoses of textile material; junctions for pipes, not of metal; pipe jackets, not of metal; connecting hose for vehicle radiators; insulation, stopping and sealing materials: insulating paints, insulating fabrics, insulating tape and band, insulation covers for industrial machinery, joint sealant compounds for joints, gaskets, O-rings for sealing purposes (other than gaskets for motors, cylinders and washer for water taps).

Class 35. Advertising, marketing and public relations; organization of exhibitions and trade fairs for commercial or advertising purposes; provision of an online marketplace for buyers and sellers of goods and services; auctioneering; business management, business administration and business consultancy; accounting; commercial consultancy services; personnel recruitment, personnel placement, employment agencies, import-export agencies; temporary personnel placement services; office functions; secretarial services; arranging newspaper subscriptions for others; compilation of statistics; rental of office machines; systemization of information into computer databases; telephone answering for unavailable subscribers; the bringing together, for the benefit of others, of a variety of goods, namely, chemicals used in industry, science, photography, agriculture, horticulture and forestry, biological preparations used in industry and science, pectin, lecithin, enzymes and preservative chemicals used in the food industry and vitamins, preservatives and antioxidants used in cosmetics production, manures and soils, unprocessed artificial resins and unprocessed plastics, fire extinguishing compositions, adhesives not for medical, household and stationery purposes, paints, varnishes, lacquers, preservatives against rust, preservatives against deterioration of wood, thinners and binders for paints, pigments, coating materials in the form of

paints, preservatives for metals, shoe dyes, printing dyes and ink, toners, filled toner cartridges, colorants for food, pharmaceuticals and beverages, raw natural resins, metals in foil and powder form for painters, decorators, printers and artists, rubber, gutta-percha, gum, asbestos, mica and semi-finished synthetic goods made from these materials in the form of powder, bars, panels and foils, profile laths made of synthetic materials for vehicles for the purposes of decoration, flexible pipes made from rubber and plastic, hoses made of plastic and rubber, including those used for vehicles, junctions for pipes of plastic and rubber, pipe jackets of plastic and rubber, hoses of textile material, junctions for pipes, not of metal, pipe jackets, not of metal, connecting hose for vehicle radiators, insulation, stopping and sealing materials, insulating paints, insulating fabrics, insulating tape and band, insulation covers for industrial machinery, joint sealant compounds for joints, gaskets, O-rings for sealing purposes (other than gaskets for motors, cylinders and washer for water taps), enabling customers to conveniently view and purchase those goods, such services may be provided by retail stores, wholesale outlets, by means of electronic media or through mail order catalogues.

Priority Date Claimed: 08 May 2025 Türkiye

AKCO KİMYA SANAYİ VE TİCARET ANONİM ŞİRKETİ, MAHMUTBEY MAH. 2416. SK., İSTOÇ NO: 4 İÇ KAPI NO: 1 32, Bağcılar, İstanbul, Türkiye

Colour Claimed: Black, white and yellow.

Representative: DIŞ PATENT MARKA
TESCİL VE DANIŞMANLIK
HİZMETLERİ LTD. ŞTİ, BAY
PLAZA Girne Mah. Elifli Sok.,
No:27 Kat:5-6-7 PK, Maltepe,
TR-34852 Istanbul, Türkiye

Verditex

1868803 07/04/2025

- Class 7. Agricultural implements, other than hand-operated; robotic lawnmowers; agricultural machines; motorized cultivators; harvesting machines; tilling machines for agricultural purposes; sowers [machines]; conveyors [machines]; industrial robots; handling machines, automatic [manipulators].
- Class 9. Computer software applications, downloadable; downloadable software applications for mobile phones; operating system programs; computer software platforms, recorded or downloadable; electronic navigational and positioning apparatus and instruments; navigational instruments; network communication apparatus; steering apparatus, automatic, for vehicles; simulators for the steering and control of vehicles; remote control devices.
- Class 12. Lorries; self-driving robots for delivery; trailers; automatically guided [driverless] material handling trucks; robotic cars;

agricultural tractors; forklift trucks; autonomous land vehicles; automobiles; steering wheels for vehicles.

- Class 38. Netcasting [broadcasting over a global computer network]; communications by computer terminals; wireless digital messaging services; providing internet chatrooms; providing telecommunications connections to a global computer network; radio communications; computer aided transmission of messages and images; geolocation services [telecommunications services]; transmission of digital files; message sending.
- Class 39. Providing traffic information; piloting; rental of navigational systems; transport; cargo loading services; management of vehicular traffic flow through advanced communications network and technology; chauffeur services; vehicle rental; physical storage of electronically stored data or documents; providing customized driving directions.
- Class 42. Technological research; monitoring of computer system operation by remote access; Software as a service [SaaS]; updating and maintenance of computer software; computer programming; design and development of computer software; Platform as a service [PaaS]; computer system design; design and development of software in the field of mobile applications; cloud computing.

Priority Date Claimed: 24 March 2025 Singapore

QUECTEL IOT TECHNOLOGIES PTE.LTD., 6
RAFFLES QUAY, #14-06, SINGAPORE 048580,
Singapore

Representative: ADASTRA INTELLECTUAL
PROPERTY PTE. LTD., 133
NEW BRIDGE ROAD, #08-03
CHINATOWN POINT,
SINGAPORE 059413,
Singapore



1868829 11/06/2025

Class 33. Alcoholic beverages (except
beers).

Priority Date Claimed: 21 January 2025 Germany
Semper idem Underberg AG, Underbergstrasse 3,
47495 Rheinberg, Germany

ATK

1868947 12/05/2025

Class 9. Data processing apparatus;
computer peripheral devices;
processors [central processing
units]; computer keyboards;
computer mice; USB flash
drives; display devices.

Shenzhen Yizhita Technology Co., Ltd., 1901
Zhongxing Hotel (Qianhai HOP International),
No.19 Xinghua First Road (Extension Section),
Haiwang Community, Xin'an Street, Bao'an District,
Shenzhen City, Guangdong Province, China

Representative: ZHEJIANG
FANGXIANGZHIHE
INTELLECTUAL PROPERTY
RIGHTS AGENT CO., LTD.,
11-2, No. 36, Yongshui
Business Center, Nanmen
Street, Haishu District, Ningbo
City, Zhejiang Province, China

ENCOTIRE

1869145 19/05/2025

Class 12. Airplane tires; tubeless tires
for cycles and bicycles; inner
tubes for cycles and bicycles;
casings for pneumatic tires;
bicycle tires; inner tubes for
pneumatic tires; automobile
tires; solid tires for vehicle
wheels; tires for vehicle
wheels; vehicle wheel tires.

Qingdao Genco Co., Ltd, Room A3603, Guohui Financial Center, No.485 Changjiang Middle Road, Huangdao, 266000 Qingdao, China

Representative: Qianhui IP Group, 36F, Building A4-3, Hanyu Gold Valley Business Center, No.7000 Jingshi Road, Jinan Area of China(Shandong) Pilot Free Trade Zone, China

Registration of this Trade Mark gives no right to the exclusive use of The Latin characters of "TIRE".

OPTIAL

1869203 30/05/2025

Class 6. Semi-worked aluminum articles, namely aluminum frames for facades or curtain walls.

Priority Date Claimed: 03 December 2024 Benelux
HYDRO BUILDING SYSTEMS BELGIUM NV,
Industriezone Roosveld 11, B-3400 Landen, Belgium

Representative: Plasseraud IP, 104 Rue de Richelieu, F-75002 Paris, France

ESPADON

1869561 07/04/2025

Class 25. Clothing.

ESPADON LONDON LTD, 12 Meadow Way, Chigwell, Essex IG7 6LP, United Kingdom

ATK GEAR

1869668 23/05/2025

Class 9. Mouse pads [computer peripheral]; computer keyboard keycaps; small keyboards for computers; mouse [computer peripheral]; wireless computer peripherals; computer keyboards; network communication equipments; headphones; headsets for use with computers; computer display screens.

Shenzhen Yizhita Technology Co., Ltd., 1901 Zhongxing Hotel (Qianhai HOP International), No.19 Xinghua First Road (Extension Section), Haiwang Community, Xin'an Street, Bao'an District, Shenzhen City, Guangdong Province, China

Representative: ZHEJIANG FANGXIANGZHIHE INTELLECTUAL PROPERTY RIGHTS AGENT CO., LTD., 11-2, No. 36, Yongshui Business Center, Nanmen Street, Haishu District, Ningbo City, Zhejiang Province, China

**FANTASMAGORY LOUIS
VUITTON****1869759** 17/06/2025

- Class 3. Perfumery products; perfumes; eau de Cologne; eaux de toilette; deodorants [perfumery]; air fragrances; air fragrance reed diffusers; incense; products for perfuming linen; shaving products; after-shave lotions; soaps; bath preparations, not for medical use; cosmetic preparations for baths; bath salts, not for medical use; cosmetics; cosmetic creams; cosmetic preparations for body and face care; cosmetic products for skin care; toiletry preparations; cleansing milk for toilet purposes; lotions for cosmetic use; oils for cosmetic use; cosmetics for skin tanning; micellar water; balms other than for medical use; beauty masks; cosmetic kits comprised primarily of mascara, lipsticks, eyebrow pencils, make-up, foundation and lip gloss.

Priority Date Claimed: 17 January 2025 France

LOUIS VUITTON MALLETIER, 2 rue du Pont Neuf, F-75001 Paris, France

Representative: Madame REGISSER Sophie
SOCIETE LOUIS VUITTON
SERVICES, Département de la
Propriété Intellectuelle, 2 rue
du Pont Neuf, F-75001 Paris,
France

MindGPT**1869878** 13/05/2025

- Class 12. Vehicles for locomotion by land, air, water or rail; cars; motor cars; automobiles; bearings [parts of vehicles]; electric cars; vehicle running boards; automobile wheel hubs; motorcycles; shock absorbers for automobiles; engines for land vehicles; bicycles; hand carts; horse-drawn carriages; repair outfits for inner tubes; tires for vehicle wheels; air vehicles; boats; brake discs for vehicles; windshield wipers; windscreens; vehicle seats; air pumps [vehicle accessories]; steering wheels for vehicles; upholstery for vehicles; safety belts for vehicle seats.
- Class 42. Calibration [measuring]; quality control; mechanical research; technological research; vehicle roadworthiness testing; styling [industrial design]; design of interior decor; providing information relating to computer technology and programming via a website; computer programming; platform as a service [PaaS]; software as a service [SaaS]; conversion of data or documents from physical to electronic media.

Priority Date Claimed: 15 January 2025 China

Priority Date Claimed: 15 January 2025 China

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

Representative: ADVANCE CHINA IP LAW
OFFICE, 45/F, CTF Finance
Center, No. 6 Zhujiang East
Road, Tianhe District,

Guangzhou City, 510623
Guangdong Province, China



1869924 23/05/2025

Class 12. Casings for pneumatic tires; pneumatic tires; tires for vehicle wheels; automobile tires; repair outfits for inner tubes; inner tubes for pneumatic tires; airplane tires; solid tires for vehicle wheels; treads for retreading tires; vehicle wheels tires.

Shandong Huasheng Rubber Co., Ltd., Daozhuang Town Government Station, Guangrao County, Dongying City, 257336 Shandong Province, China

Representative: Qianhui IP Group, 36F, Building A4-3, Hanyu Gold Valley Business Center, No.7000 Jingshi Road, Jinan Area of China (Shandong) Pilot Free Trade Zone, China

International Trade Marks protected in the State

0906704 (2544) Cl. 5
WALMARK, a.s. of Czech Republic

0988293 (2542) Cl. 5
KRKA, tovarna zdravil, d.d., Novo mesto of Slovenia

1087307 (2544) Cl. 5, 29
REINWALD, Dr. Heinz of Cyprus
HK Evolution Ltd. of Cyprus

1542609 (2526) Cl. 35
ZHENGZHOU RUNXIANG CATERING MANAGEMENT CO., LTD. of China

1601554 (2544) Cl. 3, 9, 14, 18, 35
IMPERIAL S.P.A. of Italy

1703115 (2543) Cl. 43
Robinson Club GmbH of Germany

1728196 (2543) Cl. 7, 8
Nan Wang of China

1787191 (2544) Cl. 5, 10
Velico Medical Inc. of United States of America

1791125 (2543) Cl. 9, 35, 37
Utility Innovation Holdings, Inc. of United States of America

1813935 (2544) Cl. 33
China Kweichow Moutai Distillery (Group) Co., Ltd. of China

1815357 (2543) Cl. 15
Huang Bin of China

1825917 (2543) Cl. 37
LOUIS VUITTON MALLETIER of France

1827871 (2544) Cl. 5
BIOFARMA of France

1833300 (2544) Cl. 9, 35, 36, 41, 42, 45
Bright HR Limited of United Kingdom

1833301 (2544) Cl. 9, 35, 36, 41, 42, 45
Bright HR Limited of United Kingdom

1833302 (2544) Cl. 9, 35, 36, 41, 42,
45
Bright HR Limited of United Kingdom

1833303 (2544) Cl. 9, 35, 36, 41, 42,
45
Bright HR Limited of United Kingdom

1833304 (2544) Cl. 9, 35, 36, 41, 42,
45
Bright HR Limited of United Kingdom

1837090 (2539) Cl. 9, 35, 41, 42
PREDUZEĆE ZA SOFTVER KONSALTING
I DIZAJN WIPL-D DOO BEOGRAD of
Serbia

1838016 (2544) Cl. 3
Doori cosmetics Co., Ltd. of Republic of
Korea

1843803 (2544) Cl. 1, 3, 5, 10, 16, 42,
44, 45
KRKA, tovarna zdravil, d.d., Novo mesto of
Slovenia

1843804 (2544) Cl. 1, 3, 5, 10, 16, 42,
44, 45
KRKA, tovarna zdravil, d.d., Novo mesto of
Slovenia

1843873 (2544) Cl. 25, 35
Skopinova Arina Denisovna of Spain

1845670 (2543) Cl. 3
LOUIS VUITTON MALLETTIER of France

1846058 (2543) Cl. 29, 30
CARAMANFRUIT RHONE-ALPES of
France

1846268 (2543) Cl. 31, 35
FRUTARIA INNOVATION, S.L. of Spain

1846321 (2543) Cl. 5, 9, 10
FIDIA Healthcare S.r.l. of Italy

1846399 (2543) Cl. 42
RH Pilar Consultancy BV of Belgium

1846459 (2543) Cl. 35, 40, 42
STONEWIN, SIA of Latvia

1846476 (2544) Cl. 41, 43
VOYAG TURİZM OTELCİLİK İŞLETMESİ
VE İNŞAAT SANAYİ TİCARET ANONİM
ŞİRKETİ of Türkiye

1846662 (2543) Cl. 3
LOUIS VUITTON MALLETTIER of France

1846891 (2544) Cl. 5
Kenvue Inc. of United States of America

1847002 (2544) Cl. 5
INHIBITOR Therapeutics, Inc. of United
States of America

1847379 (2544) Cl. 6, 10, 12, 15, 22,
35
LOUIS VUITTON MALLETTIER of France

1847380 (2544) Cl. 6, 10, 12, 15, 22,
35, 41
LOUIS VUITTON MALLETTIER of France

1847389 (2544) Cl. 30
Chocoladefabriken Lindt & Sprüngli AG of
Switzerland

1847603 (2544) Cl. 7, 8, 16, 17, 35
Hunan Sijiu Technology Co., Ltd. of China

1847746 (2544) Cl. 5
KRKA, tovarna zdravil, d.d., Novo mesto of
Slovenia

1847747 (2544) Cl. 5
KRKA, tovarna zdravil, d.d., Novo mesto of
Slovenia

1847804 (2544) Cl. 8, 9, 18
3TS TOP TOOL TRADING COMPANY
LIMITED of United Kingdom

1847822 (2544) Cl. 9
Dr. Ing. h.c. F. Porsche Aktiengesellschaft of
Germany

1847852 (2544) Cl. 9, 42
Leap Software Developments Pty Ltd of
Australia

1847853 (2544) Cl. 9, 42, 45
Leap Software Developments Pty Ltd of
Australia

1847854 (2544) Cl. 9, 42, 45
Leap Software Developments Pty Ltd of
Australia

1847855 (2544) Cl. 9, 42
Leap Software Developments Pty Ltd of
Australia

1847966 (2544) Cl. 29, 30, 32, 35
Maz maz food products and industries co. of Iran (Islamic Republic of)

1848049 (2544) Cl. 6, 10, 12, 15, 22, 35, 41
LOUIS VUITTON MALLETTIER of France

1848401 (2543) Cl. 12
Skywell New Energy Vehicles Group Co., Ltd. of China

1848692 (2543) Cl. 32
CHANDRAMOHAN NALLUR CONSULTING of Poland

1848807 (2543) Cl. 9, 28
Green Tally, LLC of United States of America

1849049 (2543) Cl. 12
Shandong New Continent Tire Co., Ltd. of China

1849468 (2543) Cl. 9, 11
SONY THERMO TECHNOLOGY INC. of Japan

1849578 (2543) Cl. 3, 16, 20, 21, 24, 28, 30, 32, 35, 43
LOUIS VUITTON MALLETTIER of France

1849581 (2543) Cl. 37
LOUIS VUITTON MALLETTIER of France

1849874 (2544) Cl. 30
Chocoladefabriken Lindt & Sprüngli AG of Switzerland

1850022 (2544) Cl. 3
NOTE DE COEUR of France

1850087 (2544) Cl. 9, 41
Progooff, Jonathan of United States of America

1850103 (2544) Cl. 5, 30
YILDIZ HOLDİNG A.Ş. of Türkiye

1850192 (2544) Cl. 3, 8, 21
BEAUTYTIME INTERNATIONAL S.R.L. of Italy

1851183 (2544) Cl. 3
Shanghai Cheermore Biological Technology Co., Ltd of China

1851295 (2544) Cl. 10
Magna Wave Inc of United States of America

1851513 (2544) Cl. 16, 18, 21, 35
BRANDS CORPORATION LP of United Kingdom

1852741 (2544) Cl. 1
DC Fine Chemicals Ltd of United Kingdom

1852932 (2544) Cl. 3, 5, 9, 10, 29, 30, 42
KRKA, tovarna zdravil d.d., Novo mesto of Slovenia

1852933 (2544) Cl. 3, 5, 9, 10, 29, 30, 42
KRKA tovarna zdravil d.d. Novo mesto of Slovenia

1853131 (2544) Cl. 20
PORADA ARREDI SRL of Italy

1853140 (2544) Cl. 9, 35, 37
Lindauer DORNIER Gesellschaft mit beschränkter Haftung of Germany

1853148 (2544) Cl. 6, 14, 35
MINT XXI SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ of Poland

1853199 (2544) Cl. 42
VERTIV GROUP CORPORATION of United States of America

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

1295994 ROSELLA
Cancellation in respect of all goods and services registered at WIPO on 11/09/2025