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Cuid I
Paitinní agus Dearachtaí

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

Applications for Patents

From 30/07/2025 to 07/08/2025

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.

CHINESE ACADEMY OF ENVIRONMENTAL PLANNING WATER COMPOSITE PHOSPHORUS-LOCKING AGENT AND ITS PREPARATION METHOD 01 August 2025 [China-09 June 2025]	S20250324
CIIMBIO (SUZHOU) CO., LTD. PREPARATION METHOD OF EEL BONE PEPTIDE AND APPLICATION THEREOF 01 August 2025	S20250325
CIIMBIO (SUZHOU) CO., LTD. PREPARATION METHOD FOR ENZYMOLYSIS-BASED GINKGO FRUIT CONCENTRATES AND APPLICATION THEREOF 01 August 2025	S20250326
CIIMBIO (SUZHOU) CO., LTD. PREPARATION METHOD FOR ENZYMATICALLY HYDROLYZED CONCENTRATE OF PHYLLANTHUS EMBLICA AND APPLICATION THEREOF 31 July 2025	S20250322
HEILONGJIANG PROVINCE HYDRAULIC RESEARCH INSTITUTE A Test Apparatus for Simulating Unidirectional Freeze-Thaw and Natural Water Replenishment of Soil 07 August 2025	S20250335
JAMES BOYLE; GEMMA LANDALE; JOHN GILLESPIE PRISON CELLS AND UNITS 01 August 2025	S20250327
JASON MEEHAN internally heated food delivery bag 04 August 2025	S20250332
MICHAEL MCGEE Method to enable athletes conveniently acquire freshly made sports foods at an optimal time at various leisure, recreational and sports facilities. 31 July 2025	20250323
MICHAEL WILDE Rotary Milking Parlour Generator (RMPG) 04 August 2025	S20250333
MING CHYI BIOTECHNOLOGY LTD. ENCAPSULATION STRUCTURE THAT PREVENTS THE DEGRADATION OF BIOACTIVE SUBSTANCES AND IS PROVIDED WITH PROLONGED EFFECTIVENESS 06 August 2025	S20250334
MURCOA LTD A STOMA OUTPUT MONITORING DEVICE 04 August 2025	20250331
SHAH RAM AZIZI SAZI SusNet: AI-Enabled Network for Autonomous and Sustainable Energy Management 03 August 2025	S20250329
SHANE GAULE; MÁIRTÍN GANNON SM-Smart Feeder The automated cattle feeder invention is a self-contained, intelligent, livestock management solution system which is designed to optimise feeding based on individual animal needs. It is solar	S20250321

powered, easily transported, includes a weighing scales and a two-ton Meal bin and has a customised software that delivers precise, data driven, concentrate control for each animal. 30 July 2025

TIANLI ELECTRICAL MACHINERY (NINGBO) CO., LTD TERMINAL BLOCK **S20250328**
01 August 2025 [China-09 April 2025]

VOXEDU Adaptive AI Assessment Platform for Academic Authorship Verification **S20250330**
and Integrity Assurance 04 August 2025

WILLIAM O' FLYNN Zone-Based Tie-Off Compliance Verification System for **20250320**
Vertical Work Environments
Including Wind Turbines 30 July 2025

Applications Published Under Section 28

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

2024	20240094	KERTEN UNLIMITED COMPANY, SYSTEM AND METHOD FOR OPTIMISING ENVIRONMENTAL SUSTAINABILITY OF A FACILITY. 14 February 2024. Int. Cl. (2025.01) G06Q 10/00; G06Q 50/00.
2024	20240101	VAULTREE LTD., SECURE DATA RETRIEVAL. 22 February 2024. Int. Cl. (2025.01) G06F 21/00; H04L 9/00.
2024	S20240659	FRANCIS QUINN, Protective Inlet Outlet Cover. 27 October 2024. Int. Cl. (2025.01) H02G 3/00; H01R 13/00.

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.

87648	COOLING DEVICE. Int. Cl. (2025.01) F25D 17/00; F25D 31/00. KENNEDY REFRIGERATION LIMITED 20 December 2023 (20230557) [United Kingdom-21 December 2022]
87649	Culinary kit and method. Int. Cl. (2025.01) A47J 37/00; A21B 3/00. BMJ CAKES SUPPLIES 29 January 2021 (20210018)
87650	Web element for a joist. Int. Cl. (2025.01) E04C 3/00; E04B 1/00. ILLINOIS TOOL WORKS INC. 15 September 2023 (20230390) [United Kingdom-16 September 2022]
S87651	Protective Inlet Outlet Cover. Int. Cl. (2025.01) H02G 3/00; H01R 13/00. FRANCIS QUINN 27 October 2024 (S20240659)
S87652	A Circuit Protection and Management System. Int. Cl. (2025.01) H02H 3/00. TOMRA SORTING LTD 24 July 2023 (S20230295)
S87653	Image Classification. Int. Cl. (2025.01) G06V 10/00. TOMRA SORTING LTD 24 July 2023 (S20230294)
87654	SYSTEM FOR PROCESSING FOOD WASTE. Int. Cl. (2025.01) E03C 1/00; B02C 18/00. DOMESTIC FOOD WASTE COMPANY LIMITED 23 November 2023 (20230499) [Ireland-08 December 2022]

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. 31/25, dated 2025-07-30

1886379	Teknologian Tutkimuskeskus VTT OY	08/05/2006	1886379	06743517.2	
2406609	Veltek Associates, INC.	12/03/2010	2406609	10751476.2	
2498772	Sytheon Ltd.	04/11/2010	2498772	10830536.8	
2560012	Aclara Meters LLC	10/08/2012	2560012	12180017.1	
2627822	Security Fibres UK Limited	13/10/2011	2627822	11788198.7	
2669231	Mitsubishi Electric Corporation	26/01/2011	2669231	11856973.0	
2682807	Hoya Corporation	28/02/2012	2682807	12751953.6	
2722821	The Boeing Company	22/10/2013	2722821	13189772.0	
2733302	Hunter Douglas Inc.	18/11/2013	2733302	13193338.4	
2780425	Ethicon, Inc.	15/11/2012	2780425	12795683.7	
2814602	Advanced Refining Technologies, LLC	14/02/2013	2814602	13749186.6	
2831980	Zapi S.p.A.	14/03/2013	2831980	13770331.0	
2847333	Gradalis, Inc.	09/05/2013	2847333	13788485.4	
2863199	ROSEMOUNT AEROSPACE INC.	15/10/2014	2863199	14189021.0	
2890224	LG Innotek Co., Ltd.	22/12/2014	2890224	14199842.7	
2920653	Nivarox-FAR S.A.	10/10/2013	2920653	13774213.6	French
2926202	Montres Rado S.A.	26/11/2013	2926202	13795770.0	French
2942609	ams AG	07/05/2014	2942609	14167385.5	
2993026	Fischer TireTech Slovakia, s. r. o.	04/06/2015	2993026	15170725.4	
2997582	Commscope Technologies LLC	14/05/2014	2997582	14797917.3	
3030823	2543500 Alberta Ltd.	08/08/2014	3030823	14834869.1	
3046572	Blaze Bioscience, Inc.	17/09/2014	3046572	14846407.6	
3060372	ESCO Group LLC	20/10/2014	3060372	14856430.5	
3065938	Sumitomo Rubber Industries, Ltd.	21/11/2014	3065938	14821866.2	
3071388	Saint-Gobain Sekurit France	20/11/2014	3071388	14864036.0	
3078060	Vishay-Siliconix	05/12/2014	3078060	14867345.2	
3091835	ADAMA MAKHTESHIM LTD.	30/12/2014	3091835	14876118.2	
3099440	Rovalma, S.A.	27/01/2015	3099440	15703019.8	
3105634	Shamir Optical Industry Ltd	10/02/2015	3105634	15745894.4	
3113281	Spinner GmbH	30/06/2015	3113281	15174560.1	
3116542	Yeda Research and Development Co., Ltd.	12/03/2015	3116542	15731728.0	
3137627	Oxford Nanopore Technologies plc	01/05/2015	3137627	15723994.8	
3142709	Mayo Foundation for Medical Education and Research	15/05/2015	3142709	15793539.6	
3152293	Genzyme Corporation	05/06/2015	3152293	15731177.0	
3156126	Japan Science and Technology Agency INSTITUTE OF SCIENCE TOKYO	12/02/2015	3156126	15755657.2	
3164005	Biopract GmbH	16/06/2015	3164005	15744869.7	German
3169775	BASF SE	10/04/2015	3169775	15715264.6	German
3190244	Albanese, Pino	01/12/2016	3190244	16201695.0	German
3195917	Schneider Electric Industries SAS	15/12/2016	3195917	16204275.8	French
3196279	Idemitsu Kosan Co., Ltd	18/09/2015	3196279	15842880.5	
3197263	Tower Garden, LLC	12/05/2016	3197263	16744290.4	
3207867	Biosense Webster (Israel) Ltd.	07/02/2017	3207867	17155070.0	
3211488	MONTRES BREGUET S.A.	26/02/2016	3211488	16157723.4	French
3212917	Federal-Mogul Powertrain LLC	30/10/2015	3212917	15795079.1	
3214126	LG CHEM, LTD.	11/11/2016	3214126	16864587.7	

3214846	Sony Group Corporation	21/10/2015	3214846	15855667.0	
3221014	AWG Fittings GmbH	21/10/2015	3221014	15784944.9	German
3226460	Institut Mines-Telecom	01/04/2016	3226460	16305386.1	
3229586	Regents of the University of Minnesota	10/12/2015	3229586	15868462.1	
3231258	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	14/12/2015	3231258	15813012.0	German
3233645	The Coca-Cola Company	16/12/2015	3233645	15870966.7	
3237433	UCB Biopharma SRL	18/12/2015	3237433	15813438.7	
3240901	University of South Wales Commercial Services Ltd.	30/12/2015	3240901	15831226.4	
3240976	Cambras GmbH	29/12/2015	3240976	15817419.3	German
3241447	Poly-clip System GmbH & Co. KG	04/05/2016	3241447	16168444.4	
3251518	The Nissin OilliO Group, Ltd.	25/01/2016	3251518	16743278.0	
3254426	Intel Corporation	01/02/2016	3254426	16747047.5	
3258073	RTX Corporation	13/06/2017	3258073	17175821.2	
3258845	6DEGREES LTD.	19/02/2015	3258845	15882489.6	
3263096	Sanovel Ilac Sanayi ve Ticaret A.S.	23/06/2017	3263096	17177748.5	
3270992	Altria Client Services LLC	17/03/2016	3270992	16764346.9	
3284051	Loop Commerce, Inc.	15/04/2016	3284051	16780904.5	
3284731	Sekisui Chemical Co., Ltd.	13/04/2016	3284731	16780078.8	
3292445	Siemens Aktiengesellschaft	03/06/2016	3292445	16730708.1	German
3295890	Sony Olympus Medical Solutions Inc.	09/03/2016	3295890	16792421.6	
3304088	Electrophoretics Limited	27/05/2016	3304088	16725537.1	
3305325	National Center of Neurology and Psychiatry	03/06/2016	3305325	16803519.4	
3307196	Chugai Seiyaku Kabushiki Kaisha				
3307196	Intuitive Surgical Operations, Inc.	09/06/2016	3307196	16808303.8	
3308139	Imperial College Innovations Limited	10/06/2016	3308139	16738495.7	
3309423	KYB Corporation	02/06/2016	3309423	16807374.0	
3310318	Boehringer Ingelheim Vetmedica GmbH	14/06/2016	3310318	16730257.9	
3310812	F. Hoffmann-La Roche AG	16/06/2016	3310812	16732195.9	
3313258	Boston Scientific Scimed, Inc.	27/06/2016	3313258	16815504.2	
3313535	B/E Aerospace, Inc.	21/06/2016	3313535	16734820.0	
3314247	The Charles Stark Draper Laboratory, Inc.	29/06/2016	3314247	16849134.8	
3317824	Emerald Cloud Lab, Inc.	30/06/2016	3317824	16818856.3	
3321006	Concept Laser GmbH	08/06/2017	3321006	17175024.3	German
3322946	ExxonMobil Technology and Engineering Company	14/06/2016	3322946	16732157.9	
3325961	Passerle Verwaltungs- und Beteiligungsgesellschaft mbH	16/06/2016	3325961	16734579.2	German
3330433	Versuni Holding B.V.	11/08/2015	3330433	17210188.3	
3333649	The Swatch Group Research and Development Ltd	09/12/2016	3333649	16203098.5	French
3334488	TDL Innovations, LLC	10/08/2016	3334488	16835866.1	
3334557	Grenzebach Maschinenbau GmbH	10/08/2016	3334557	16763713.1	German
3334866	Hensley Industries, Inc.	03/10/2016	3334866	16854143.1	
3335673	Hyalex Orthopaedics, Inc.	21/11/2012	3335673	17208643.1	
3337609	BASF Mobile Emissions Catalysts LLC	18/08/2016	3337609	16839848.5	
3338274	N.E. Chemcat Corporation				
3338274	Valve Corporation	18/08/2016	3338274	16837801.6	
3339902	Centre National d'Etudes Spatiales	23/12/2016	3339902	16306802.6	
3340856	The Board of Trustees of the University of Illinois	23/08/2016	3340856	16839967.3	
3341012	Armo Biosciences, Inc.	24/08/2016	3341012	16840035.6	
3344960	Mettler-Toledo GmbH	14/06/2016	3344960	16729550.0	
3349932	Milwaukee Electric Tool Corporation	15/09/2016	3349932	16847325.4	
3351575	KJ Chemicals Corporation	14/09/2016	3351575	16846486.5	
3352341	Ovalo GmbH	19/01/2018	3352341	18152601.3	German
3353956	Rhebo GmbH	22/09/2016	3353956	16774622.1	German
3354678	Nitto Denko Corporation	27/09/2016	3354678	16851502.1	
3354832	OL.MI Srl	16/04/2015	3354832	18156351.1	
3355661	Toyota Jidosha Kabushiki Kaisha	25/01/2018	3355661	18153505.5	

3355780	Koninklijke Philips N.V.	02/10/2016	3355780	16781315.3	
3358275	Camfridge Ltd	29/06/2012	3358275	18161790.3	
3371090	Otis Elevator Company	03/11/2016	3371090	16805573.9	
3373499	Datang Mobile Communications Equipment Co., Ltd.	06/01/2017	3373499	17721313.9	
3374434	ERGON ASPHALT & EMULSIONS, INC.	11/11/2016	3374434	16801923.0	
3377382	Volkswagen Aktiengesellschaft MAN Truck & Bus SE ZF CV Systems Europe BV	10/11/2016	3377382	16794323.2	German
3380736	Cold Pad	26/10/2016	3380736	16809937.2	French
3382510	Samsung Electronics Co., Ltd.	11/06/2014	3382510	18163361.1	
3384843	Nokia Technologies Oy	05/04/2017	3384843	17164914.8	
3387788	Kanumuru, Rahul Raju	10/10/2016	3387788	16853186.1	
3387878	Qualcomm Incorporated	02/12/2016	3387878	16822293.3	
3388885	Leica Instruments (Singapore) Pte. Ltd.	11/04/2017	3388885	17166085.5	
3390604	SPECIALTY OPERATIONS FRANCE	15/12/2016	3390604	16874855.6	
3393059	Huawei Technologies Co., Ltd.	14/01/2017	3393059	17741013.1	
3393549	Fresenius Vial SAS	19/12/2016	3393549	16816673.4	
3394448	Copeland LP	06/12/2016	3394448	16879861.9	
3394571	Ampere SAS	16/12/2016	3394571	16825536.2	French
3399290	Commissariat à l'Energie Atomique et aux Energies Alternatives	30/04/2018	3399290	18170014.7	French
3404449	GE Precision Healthcare LLC	03/05/2018	3404449	18170663.1	
3405149	Epitech Mag Ltd	28/12/2016	3405149	16886201.9	
3407462	Sony Group Corporation	11/06/2010	3407462	18183727.9	
3409143	Ortega Frances, Rafael	14/04/2016	3409143	16887803.1	
3409875	Hunter Douglas Industries B.V.	01/06/2017	3409875	17174060.8	
3410182	LG Display Co., Ltd.	02/09/2014	3410182	18184153.7	
3410214	LG Chem, Ltd.	31/01/2017	3410214	17744619.2	
3410261	VDEh-Betriebsforschungsinstitut GmbH	01/06/2018	3410261	18175579.4	German
3412704	Zhejiang Hengyi Petrochemical Research Institute Co., Ltd.	22/04/2016	3412704	16888909.5	
3412750	Samsung Electronics Co., Ltd.	27/10/2016	3412750	18179312.6	
3414371	Technikum Laubholz GmbH	01/02/2017	3414371	17702113.6	German
3414537	CI Systems (Israel) LTD.	11/02/2016	3414537	16889736.1	
3416161	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	12/06/2018	3416161	18177411.8	German
3418984	Valeo Comfort and Driving Assistance	03/05/2018	3418984	18170655.7	
3419381	Goodrich Corporation	21/06/2018	3419381	18179102.1	
3422406	Renesas Electronics Corporation	20/06/2018	3422406	18178761.5	
3423143	C. R. Bard, Inc.	28/02/2017	3423143	17715553.8	
3423182	UOP LLC	08/02/2017	3423182	17760454.3	
3423266	LM Wind Power A/S	02/03/2016	3423266	16707449.1	
3428951	Micromass UK Limited	11/03/2013	3428951	18185611.3	
3433189	Tyrolon GmbH	13/12/2016	3433189	16815792.3	German
3435504	Bender GmbH & Co. KG	26/06/2018	3435504	18179958.6	German
3436006	Wisconsin Alumni Research Foundation	29/03/2017	3436006	17718443.9	
3436157	L'OREAL	31/03/2017	3436157	17718210.2	
3440007	KRONES AG	07/04/2017	3440007	17716845.7	German
3443340	Waters Technologies Corporation	14/04/2017	3443340	17737076.4	
3444649	Hubbell Power Systems, Inc.	25/04/2018	3444649	18169268.2	
3451342	Siemens Healthineers AG	17/05/2018	3451342	18172856.9	
3451370	Sumitomo Heavy Industries, Ltd.	21/08/2018	3451370	18189849.5	
3452528	Covestro Deutschland AG	03/05/2017	3452528	17720822.0	German
3453033	Solvay SA	03/05/2017	3453033	17720163.9	
3454185	Huawei Technologies Co., Ltd.	23/05/2017	3454185	17802160.6	
3458938	Google LLC	17/05/2017	3458938	17727047.7	
3459346	Irriland S.R.L.	18/09/2018	3459346	18195049.4	
3461061	Huawei Technologies Co., Ltd.	25/02/2017	3461061	17823423.3	
3461335	Universidad De Chile	29/12/2016	3461335	16880234.6	
3461376	Visplay GmbH	28/09/2018	3461376	18197572.3	German
3463028	Illinois Tool Works Inc.	04/05/2017	3463028	17723614.8	

3464596	Cepheid	06/06/2017	3464596	17734553.5	
3464663	Arcelormittal	19/05/2017	3464663	17728256.3	
3464804	Baker Hughes Oilfield Operations, LLC	02/06/2017	3464804	17731350.9	
3465186	Q BIO, INC.	30/05/2017	3465186	17807353.2	
3466376	Puyi (Shanghai) Biotechnology Co., Ltd	03/06/2016	3466376	16903540.9	
3471756	International Dehydrated Foods, Inc.	15/06/2017	3471756	17814127.1	
3472774	Adeia Guides Inc.	01/06/2017	3472774	17730309.6	
3472820	Bayerische Motoren Werke Aktiengesellschaft	01/06/2017	3472820	17729423.8	German
3473307	MARKER Deutschland GmbH	07/08/2013	3473307	18204581.5	German
3473558	Bellco S.r.l.	04/10/2018	3473558	18198730.6	
3473794	ALSTOM Holdings	17/10/2018	3473794	18200891.2	French
3475606	Lumileds LLC	14/06/2017	3475606	17729152.3	
3475767	Samsung Electronics Co., Ltd.	30/08/2017	3475767	17847001.9	
3475977	Microchip Technology Incorporated	23/08/2017	3475977	17761991.3	
3477803	Mitsubishi Electric Corporation	11/05/2017	3477803	17815050.4	
3478540	Integrated Device Technology, Inc.	27/06/2017	3478540	17821064.7	
3485202	Barghest Building Performance Pte. Ltd.	14/07/2017	3485202	17827102.9	
3491562	Google LLC	27/10/2016	3491562	16795191.2	
3491769	Nokia Technologies Oy	01/08/2017	3491769	17755257.7	
3492473	Janssen Pharmaceutica NV	20/08/2013	3492473	18202081.8	
3492681	LG Electronics Inc.	27/11/2018	3492681	18208525.8	
3494074	Intelligrated Headquarters, LLC	04/08/2017	3494074	17761143.1	
3495154	Ricoh Company, Ltd.	03/12/2018	3495154	18209755.0	
3496151	Samsung Display Co., Ltd.	07/12/2018	3496151	18211182.3	
3497848	Sharp Kabushiki Kaisha	10/08/2017	3497848	17754963.1	
3498147	Richard Wolf GmbH	13/12/2018	3498147	18212202.8	German
3502347	Kuma S.R.L.	10/12/2018	3502347	18211327.4	
3506206	InterDigital CE Patent Holdings	19/12/2018	3506206	18214072.3	
3507020	Vulco S.A.	02/09/2017	3507020	17844705.8	
3507245	K+S Aktiengesellschaft	22/08/2017	3507245	17777158.1	German
3507315	Dow Global Technologies LLC	31/08/2016	3507315	16914534.9	
3507375	Biocytogen Pharmaceuticals (Beijing) Co., Ltd.	30/08/2017	3507375	17845423.7	
3509480	BioCircuit Technologies, Inc. Virginia Commonwealth University	06/09/2017	3509480	17849487.8	
3509779	Iscar Ltd.	31/08/2017	3509779	17764912.6	
3510745	ShortSave, Inc.	05/10/2017	3510745	17788382.4	
3512471	Curas Ltd.	14/09/2017	3512471	17784001.4	
3512496	LEUKOCARE AG	15/09/2017	3512496	17769042.7	
3513601	Link II, Charles M.	11/09/2017	3513601	17851370.1	
3515614	BIO ON S.p.A.	25/09/2017	3515614	17788298.2	
3515942	Merck Patent GmbH Pfizer Inc.	20/09/2017	3515942	17778222.4	
3516401	F. Hoffmann-La Roche AG	19/09/2017	3516401	17781237.7	
3521366	Kolon Industries, Inc.	22/09/2017	3521366	17856667.5	
3522652	Sharp Kabushiki Kaisha	15/08/2017	3522652	17854601.6	
3523688	Di Ciommo, José Antonio Kliwer, Edgardo	02/10/2017	3523688	17794067.3	
3525168	Align Technology, Inc.	20/04/2011	3525168	19165893.9	
3525961	Prima Industrie S.p.A.	09/10/2017	3525961	17797726.1	
3529319	Coatex	20/10/2017	3529319	17794392.5	French
3529363	Oregon Health & Science University	18/10/2017	3529363	17862978.8	
3529633	Nida Tech Sweden AB	27/09/2017	3529633	17781578.4	
3530302	B. Braun Avitum AG	07/02/2019	3530302	19155913.7	German
3533425	Lee, Dong Ho	23/03/2017	3533425	17865872.0	
3533693	Nad, S.L.	27/10/2016	3533693	16822223.0	
3533718	Krones Aktiengesellschaft	23/11/2018	3533718	18208183.6	German
3537966	Heart2Save Oy	01/11/2017	3537966	17869357.8	
3539918	ABB Schweiz AG	14/03/2018	3539918	18161644.2	
3540739	The Chinese University of Hong Kong	23/07/2008	3540739	19153260.5	
3540740	Samsung Medison Co., Ltd.	08/03/2019	3540740	19161521.0	

3542083	Raytheon Company	21/09/2017	3542083	17780588.4	
3545386	BOE Technology Group Co., Ltd. Beijing BOE Display Technology Co., Ltd.	06/06/2017	3545386	17826410.7	
3545820	Nokia Technologies Oy	26/03/2018	3545820	18164038.4	
3547680	Blackmagic Design Pty Ltd	27/03/2019	3547680	19165458.1	
3548245	Kurtz GmbH & Co. KG	01/12/2017	3548245	17809263.1	German
3549997	Neste Oyj	03/04/2019	3549997	19166991.0	
3551774	Drahtwerk Elisental W. Erdmann GmbH & Co. Richard Bergner Verbindungstechnik GmbH & Co.KG	16/02/2018	3551774	18714128.8	German
3552619	Bioverativ Therapeutics Inc.	11/07/2011	3552619	19156074.7	
3557676	Morrow Technologies AS Brno University Of Technology	18/04/2018	3557676	18168103.2	
3558043	Lashify, Inc.	20/12/2017	3558043	17884561.6	
3559153	Arkema, Inc.	14/12/2017	3559153	17884775.2	
3559193	Firmenich SA	21/12/2017	3559193	17835470.0	
3559530	Itrec B.V.	22/12/2017	3559530	17826613.6	
3559857	Bundesdruckerei GmbH	12/12/2017	3559857	17826453.7	German
3560163	ORANGE	14/12/2017	3560163	17822425.9	French
3560232	Samsung Electronics Co., Ltd.	08/02/2018	3560232	18751452.6	
3561108	POSCO Co., Ltd	21/12/2017	3561108	17882911.5	
3562342	JT International S.A.	02/01/2018	3562342	18700311.6	
3563566	Somfy Activites SA	23/11/2017	3563566	17816918.1	French
3565248	LG Electronics Inc. Ewha University-Industry Collaboration Foundation	28/12/2016	3565248	16925718.5	
3567078	Sumitomo Rubber Industries, Ltd.	29/01/2018	3567078	18748405.0	
3570852	Atara Biotherapeutics, Inc. The Council of the Queensland Institute of Medical Research	19/01/2018	3570852	18741137.6	
3572595	Richard Brink GmbH & Co. KG	22/05/2019	3572595	19175829.1	German
3573151	Panasonic Intellectual Property Management Co., Ltd.	08/05/2019	3573151	19173243.7	
3574738	CLAAS Selbstfahrende Erntemaschinen GmbH	09/04/2019	3574738	19168034.7	German
3578425	Alpha Corporation	31/01/2018	3578425	18747837.5	
3578951	LG Energy Solution, Ltd.	04/12/2018	3578951	18885613.2	
3579517	Huawei Technologies Co., Ltd.	06/03/2017	3579517	17899254.1	
3579784	Axogen Corporation	07/02/2017	3579784	17896023.3	
3580497	Alto-Shaam, Inc.	06/02/2018	3580497	18751384.1	
3581960	Infineon Technologies AG	12/06/2019	3581960	19179806.5	
3584377	Hansgrohe SE	11/06/2019	3584377	19179448.6	German
3585018	Huawei Technologies Co., Ltd.	25/09/2007	3585018	19161785.1	
3585305	Boston Scientific Scimed, Inc.	23/02/2018	3585305	18709900.7	
3586171	Teague, Philip Stewart, Alex	23/02/2018	3586171	18710234.8	
3586723	Tobii AB	13/06/2019	3586723	19179856.0	
3586761	GE Precision Healthcare LLC	27/06/2019	3586761	19183055.3	
3587163	Weidemann GmbH	19/06/2019	3587163	19181289.0	German
3588438	Shanghai United Imaging Healthcare Co., Ltd.	07/03/2017	3588438	17900232.4	
3591904	Honeywell International Inc.	28/06/2019	3591904	19183462.1	
3593057	Samsung Electronics Co., Ltd.	29/03/2018	3593057	18781571.7	
3593142	Biopredictive Assistance Publique Hôpitaux de Paris	06/03/2018	3593142	18707740.9	
3593157	Commissariat à l'Energie Atomique et aux Energies Alternatives	08/03/2018	3593157	18712108.2	French
3595394	ZTE Corporation	02/03/2018	3595394	18763699.8	
3595814	Sony Group Corporation	27/02/2018	3595814	18720027.4	
3596260	Dow Global Technologies LLC	07/03/2018	3596260	18713100.8	
3597114	W. L. Gore & Associates, Inc.	05/06/2015	3597114	19194806.6	

3598815	Huawei Technologies Co., Ltd.	03/05/2018	3598815	18798568.4	
3599853	The Regents of the University of California	21/03/2018	3599853	18771880.4	
3600014	Abbott Diabetes Care Inc.	20/03/2018	3600014	18772038.8	
3600571	Etex Australia Pty Ltd	29/03/2018	3600571	18717538.5	
	Etex Building Performance GmbH				
3600792	Verb Surgical Inc.	29/05/2018	3600792	18810600.9	
3601663	International Paper Company	12/03/2018	3601663	18715314.3	
3603162	MEDIATEK Singapore Pte. Ltd.	03/05/2018	3603162	18795238.7	
3605159	Huawei Technologies Co., Ltd.	21/11/2017	3605159	17905992.8	
3605381	Mitsubishi Heavy Industries, Ltd.	23/03/2018	3605381	18777967.3	
3605541	Huawei Technologies Co., Ltd.	14/04/2017	3605541	17905627.0	
3606432	The Board of Trustees of the Leland Stanford Junior University	13/04/2018	3606432	18784682.9	
3606577	Bivacor Inc.	05/04/2018	3606577	18720852.5	
3606675	Taseko Mines Limited	06/04/2018	3606675	18780311.9	
3607382	Roggatz, Konstantin	29/03/2018	3607382	18716096.5	German
3607404	Hebbo, Hussam	04/04/2017	3607404	17724735.0	German
3609527	Polaris Group	29/03/2018	3609527	18776452.7	
3610460	Microsoft Technology Licensing, LLC	05/04/2018	3610460	18723098.2	
3611817	Samsung SDI Co., Ltd.	12/08/2019	3611817	19191310.2	
3611999	NHK Spring Co., Ltd.	03/04/2018	3611999	18784228.1	
3612081	Boston Scientific Scimed Inc.	17/04/2018	3612081	18725050.1	
3612471	Tank D S.A.	16/03/2018	3612471	18711562.1	French
3612811	TSI Incorporated	16/04/2018	3612811	18787066.2	
3613913	Carl Freudenberg KG	18/06/2019	3613913	19180858.3	German
3615005	The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.	27/04/2018	3615005	18791678.8	
	The Government of The United States, as represented by The Secretary of The Army				
3616436	Motorola Mobility LLC	26/04/2018	3616436	18727086.3	
3617339	JFE Steel Corporation	19/02/2018	3617339	18790515.3	
3618138	LG Energy Solution, Ltd.	19/12/2018	3618138	18899250.7	
3618730	Vascular Graft Solutions Ltd.	01/05/2018	3618730	18794964.9	
3619411	Woodward, Inc.	04/05/2018	3619411	18729826.0	
3621231	Beijing Xiaomi Mobile Software Co., Ltd.	05/05/2017	3621231	17908313.4	
3621631	Abel Health Solutions Limited	11/05/2018	3621631	18728942.6	
3622558	BOE Technology Group Co., Ltd.	02/11/2017	3622558	17885445.1	
3624837	Five Prime Therapeutics, Inc.	15/05/2018	3624837	18730518.0	
3625507	Güntner GmbH & Co. KG	07/05/2018	3625507	18730978.6	German
3626095	Adidas AG	18/06/2019	3626095	19180895.5	
3628126	Adeia Guides Inc.	30/06/2017	3628126	17740542.0	
3628209	Topcon Corporation	03/09/2019	3628209	19195049.2	
3628281	A.R.C. Laser GmbH	26/09/2018	3628281	18196744.9	
3629010	FUJIFILM Corporation	23/09/2019	3629010	19198936.7	
3629803	NIKE Innovate C.V.	29/05/2018	3629803	18731720.1	
3630623	SACMI Cooperativa Meccanici Imola Società Cooperativa	25/05/2018	3630623	18730127.0	
3631058	Dow Global Technologies LLC	11/04/2018	3631058	18721917.5	
3631676	Centre Hospitalier Universitaire D'angers Université D'Angers	22/05/2018	3631676	18724281.3	French
3633072	Mitsubishi Materials Corporation	01/06/2018	3633072	18810769.2	
3634296	Intuitive Surgical Operations, Inc.	05/06/2018	3634296	18814438.0	
3634311	Boston Scientific Scimed, Inc.	07/06/2018	3634311	18734716.6	
3634545	Sanofi	05/06/2018	3634545	18727830.4	
3634652	Derrick Corporation	06/06/2018	3634652	18734714.1	
3634691	Saint-Gobain Abrasives, Inc. Saint-Gobain Abrasifs	07/06/2018	3634691	18813601.4	
3635373	University of Maryland, College Park	06/06/2018	3635373	18812773.2	
3635540	Intento, Inc.	03/04/2018	3635540	18790325.7	
3635648	CNH Industrial Belgium NV	09/05/2018	3635648	18723829.0	
3636097	Boa Technology, Inc.	31/10/2005	3636097	19190334.3	

3637840	Huawei Technologies Co., Ltd.	05/09/2018	3637840	18854921.6	German
3637869	MediaTek Singapore Pte. Ltd.	11/10/2019	3637869	19202686.2	
3638136	Epic Medical Concepts & Innovations, Inc.	14/06/2018	3638136	18817467.6	
3638158	Otto Bock Healthcare Products GmbH	06/06/2018	3638158	18729948.2	
3639099	Honeywell International Inc.	04/06/2018	3639099	18817244.9	
3639257	Russell Innovations Pty Ltd	08/06/2018	3639257	18837905.1	
3639849	The Pirbright Institute	19/06/2015	3639849	19192963.7	
3640635	Atago Co., Ltd.	11/06/2018	3640635	18818865.0	
3642541	Honeywell International Inc.	21/06/2018	3642541	18820012.5	
3642875	INTEL Corporation	22/06/2017	3642875	17914579.2	
3642883	MACOM Technology Solutions Holdings, Inc.	15/06/2018	3642883	18740683.0	French
3643070	Qualcomm Incorporated	22/06/2018	3643070	18740478.5	
3643713	iOmx Therapeutics AG	23/10/2018	3643713	18202164.2	
3644129	Patek Philippe SA Genève	24/10/2018	3644129	18202244.2	
3644819	Universität Basel	25/06/2018	3644819	18733276.2	
3644856	Genentech, Inc.	29/06/2018	3644856	18824764.7	
3645185	RDE Company S.r.l.	29/06/2018	3645185	18749540.3	
3645364	Waymo LLC	18/06/2018	3645364	18832417.2	
3646001	EOS S.r.l.	18/05/2018	3646001	18731894.4	
3646072	Corning Research & Development Corporation	30/11/2017	3646072	17817567.5	
3646075	Corning Research & Development Corporation	30/11/2017	3646075	17817984.2	French
3646080	Corning Optical Communications LLC	30/11/2017	3646080	17822513.2	
3646081	Corning Research & Development Corporation	30/11/2017	3646081	17868515.2	
3646954	The Boeing Company	30/10/2019	3646954	19206184.4	
3647252	ABB Schweiz AG	31/10/2018	3647252	18203690.5	
3648167	BOE Technology Group Co., Ltd. Hefei Xinsheng Optoelectronics Technology Co., Ltd.	22/06/2018	3648167	18824188.9	
3649062	Likua Endustriyel Ambalaj Malzm. San. Ve Tic. Ltd.	18/04/2018	3649062	18829133.0	
3650205	Concept Laser GmbH	10/11/2018	3650205	18205551.7	
3653275	van Loon, Jan	13/11/2019	3653275	19208890.4	
3656074	Qualcomm Incorporated	28/06/2018	3656074	18743653.0	
3657829	TOYOTA JIDOSHA KABUSHIKI KAISHA	12/11/2019	3657829	19208653.6	French
3660975	LG Energy Solution, Ltd.	08/06/2018	3660975	18885594.4	
3664037	Imagination Technologies Limited	01/02/2016	3664037	20154807.0	
3666079	WTI, INC.	08/06/2016	3666079	20155655.2	
3666326	Sorin CRM SAS	06/12/2019	3666326	19214154.7	
3668057	Huawei Technologies Co., Ltd.	08/08/2018	3668057	18857968.4	
3668598	BliNK Biomedical SAS	14/08/2018	3668598	18760233.9	
3668823	Antidote Therapeutics, Inc. Hennepin Healthcare Research Institute Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO	20/08/2018	3668823	18766383.6	
3669781	Samsung Electronics Co., Ltd.	20/12/2019	3669781	19218721.9	German
3670154	LG Energy Solution, Ltd.	28/11/2018	3670154	18890949.3	
3671664	emz-Hanauer GmbH & Co. KGaA	21/12/2018	3671664	18215141.5	
3671883	LG Display Co., Ltd.	23/06/2015	3671883	20156607.2	
3672115	Samsung Electronics Co., Ltd.	24/06/2009	3672115	19211527.7	
3674860	LG Display Co., Ltd.	16/12/2019	3674860	19216544.7	
3676249	Kemira Oyj	27/08/2018	3676249	18765685.5	
3677327	C.C. Jensen A/S	21/05/2015	3677327	20158945.4	
3678009	Huawei Technologies Co., Ltd.	29/09/2018	3678009	18860704.8	
3678407	Huawei Technologies Co., Ltd.	17/05/2018	3678407	18871448.9	German
3678570	Zidan Medical, Inc.	07/09/2018	3678570	18783177.1	
3679871	Covidien LP	26/12/2013	3679871	19207991.1	
3679876	Karl Storz SE & Co. KG	20/12/2019	3679876	19218812.6	

3680615	Thales	06/01/2020	3680615	20150301.8	French
3681431	Farrell, Christopher John	13/09/2018	3681431	18856399.3	
3682068	Arconic Technologies LLC	23/06/2018	3682068	18857051.9	German
3682268	Revvity Health Sciences, Inc.	14/09/2018	3682268	18782600.3	
3682400	Financial & Risk Organisation Limited	13/09/2018	3682400	18855535.3	
3682604	Microsoft Technology Licensing, LLC	27/06/2018	3682604	18750540.9	
3682819	Orthosoft ULC	13/06/2018	3682819	20162525.8	
3684277	Medos International Sarl	24/09/2018	3684277	18858218.3	
3684374	Riboscience LLC	21/09/2018	3684374	18859097.0	
3684863	Giesecke+Devrient Currency Technology GmbH	05/06/2018	3684863	18731959.5	
3685578	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	20/09/2018	3685578	18769732.1	
3686945	Nippon Shokubai Co., Ltd.	18/09/2018	3686945	18859366.9	
3687318	Nippon Hosokai Kyokai	28/09/2018	3687318	18782170.7	German
3687483	British American Tobacco (Investments) Limited	28/09/2018	3687483	18778492.1	
3688568	L'OREAL	28/09/2018	3688568	18878316.1	
3688754	Samsung Electronics Co., Ltd.	14/11/2018	3688754	18770056.2	
3689505	Sony Europe B.V.	25/09/2018	3689505	20151717.4	
3689505	General Electric Company	14/01/2020	3689505	20151717.4	
3689932	Hoya Lens Thailand Ltd.	28/09/2018	3689932	18857421.4	
3690071	National Institute of Advanced Industrial Science and Technology	20/09/2018	3690071	18859752.0	
3690881	Harman Becker Automotive Systems GmbH	31/01/2020	3690881	20154913.6	
3690973	University of Southern California	28/01/2020	3690973	20153982.2	
3691758	Tonal Systems, Inc.	24/09/2018	3691758	18864878.6	German
3691962	Brown, Frederick, Charles	02/10/2018	3691962	18785704.0	
3692207	Solenis Technologies Cayman, L.P.	02/10/2018	3692207	18864046.0	
3692819	Philip Morris Products S.A.	28/03/2014	3692819	20168581.5	
3695207	L'OREAL	22/08/2018	3695207	18779061.3	
3695552	QUALCOMM Incorporated	09/10/2018	3695552	18796206.3	
3696751	Rockwell Automation Technologies, Inc.	12/06/2015	3696751	20163253.6	
3697137	LG Electronics Inc.	01/11/2018	3697137	18873187.1	
3697454	Evoqua Water Technologies Ltd.	16/10/2018	3697454	18867408.9	
3697668	Evoqua Water Technologies LLC	11/10/2018	3697668	18789032.2	
3697822	Montratec GmbH	11/10/2018	3697822	18840812.4	German
3697855	ExxonMobil Chemical Patents Inc.	22/06/2018	3697855	18868376.7	
3698269	Reliance Industries Limited	15/10/2018	3698269	17932826.5	
3698344	Zhejiang Dahua Technology Co., Ltd.	25/12/2017	3698344	18868503.6	
3698641	Noble International, LLC	17/10/2018	3698641	20154893.0	
3698641	Tate & Lyle Solutions USA LLC	22/04/2016	3698641	20154893.0	
3698999	Hitachi Astemo, Ltd.	31/10/2017	3698999	17928892.3	
3699737	Defond Electech Co., Ltd	13/01/2020	3699737	20151518.6	
3699878	Defond Components Limited	23/01/2020	3699878	20153347.8	
3700223	Toshiba TEC Kabushiki Kaisha	23/01/2020	3700223	18875136.6	
3701435	Huawei Technologies Co., Ltd.	09/11/2018	3701435	18795548.9	German
3701435	Deepmind Technologies Limited	29/10/2018	3701435	18870863.0	
3701443	SafeFlights Inc., d.b.a. 14Bis Supply Tracking	25/10/2018	3701443	17823156.9	
3701475	HUAWEI TECHNOLOGIES CO., LTD.	22/12/2017	3701475	19159260.9	
3701967	THE SECRETARY, DEPARTMENT OF ATOMIC ENERGY	26/02/2019	3701967	18867675.3	
3702007	Angel Playing Cards Co., Ltd.	19/10/2018	3702007	20159835.6	
3703004	Topcon Corporation	27/02/2020	3703004	18879126.3	
3703296	Huawei Technologies Co., Ltd.	27/10/2018	3703296	18872756.4	
3703830	Coulter Ventures, LLC	02/11/2018	3703830	18873209.3	
3704350	Schlumberger Technology B.V.	30/10/2018	3704350	19161608.5	
3705811	DAIKIN INDUSTRIES, LTD.	08/03/2019	3705811	19161093.0	German
3705811	Daikin Europe N.V.	08/03/2019	3705811	19161093.0	
3705970	Hiab AB	06/03/2019	3705970	19161093.0	

3706085	Glory Ltd.	03/03/2020	3706085	20160782.7	
3706211	LG Energy Solution, Ltd.	25/06/2019	3706211	19838350.7	
3707312	Doosan Bobcat North America, Inc.	07/11/2018	3707312	18812462.2	
3708889	FINE FLOW Co., LTD	12/06/2019	3708889	19835219.7	
3709062	Shanjin Optoelectronics (Nanjing) Co., LTD.	14/12/2018	3709062	18888704.6	
3709221	Avery Dennison Retail Information Services LLC	24/02/2020	3709221	20159120.3	
3709255	BOE Technology Group Co., Ltd.	09/11/2018	3709255	18876502.8	
3709267	BOE Technology Group Co., Ltd.	20/08/2018	3709267	18876474.0	
3709577	Juniper Networks, Inc.	17/06/2019	3709577	19180551.4	
3709867	Oura Health Oy	21/11/2018	3709867	18822109.7	
3710009	Enanta Pharmaceuticals, Inc.	13/11/2018	3710009	18875856.9	
3710013	Weird Science LLC	15/11/2018	3710013	18879410.1	
3710097	RLM Group Ltd.	14/11/2018	3710097	18816334.9	
3710894	Digilens Inc.	08/01/2019	3710894	19736108.2	
3711207	Telefonaktiebolaget LM Ericsson (publ)	13/11/2018	3711207	18812280.8	
3711324	ZTE Corporation	16/11/2017	3711324	17932276.3	
3713572	Oslo University Hospital HF	23/11/2018	3713572	18804633.8	
3713903	Praj Industries Limited	16/10/2018	3713903	18878778.2	
3714283	GE Precision Healthcare LLC	20/11/2018	3714283	18881150.9	
3715102	FOSBER S.p.A.	25/02/2020	3715102	20159218.5	
3715189	Vodafone Automotive S.p.A.	23/03/2020	3715189	20164823.5	
3715352	Samsung Electronics Co., Ltd.	24/03/2020	3715352	20165175.9	
3715629	General Electric Company	27/03/2019	3715629	19382217.8	
3716198	HUAWEI TECHNOLOGIES CO., LTD.	12/12/2018	3716198	18892072.2	
3717973	Elta Systems Ltd.	28/11/2018	3717973	18884155.5	
3718252	Mocana Corporation	20/11/2018	3718252	18884828.7	
3718361	Qualcomm Incorporated	22/10/2018	3718361	18799968.5	
3718475	medi GmbH & Co. KG	03/04/2019	3718475	19167008.2	
3718677	Lincoln Global, Inc.	28/11/2018	3718677	20171703.0	
3718804	The Raymond Corporation	31/03/2020	3718804	20167152.6	
3719777	Honeywell International Inc.	02/04/2020	3719777	20167845.5	
3719992	Omron Corporation	25/10/2018	3719992	18883628.2	
3721379	Zhejiang Dahua Technology Co., Ltd.	11/05/2018	3721379	18899774.6	
3722337	Bridgestone Corporation	21/09/2018	3722337	18885180.2	
3722339	Bridgestone Corporation	21/09/2018	3722339	18885711.4	
3723414	ZTE Corporation	07/11/2018	3723414	18885119.0	
3723488	Bactoclear Holdings Pte Ltd.	13/12/2018	3723488	18889717.7	
	Ambady, Anisha				
3724023	Zoox, Inc.	10/12/2018	3724023	18830585.8	
3724168	x-nuclear diagnostics GmbH	10/12/2018	3724168	18825902.2	German
3725439	Rimmer, Karl	14/04/2020	3725439	20169410.6	German
3727006	Katholieke Universiteit Leuven	20/12/2018	3727006	18825701.8	
3729135	Sportlight Technology Ltd	21/12/2018	3729135	18829957.2	
	Createc Ltd				
3729902	QUALCOMM INCORPORATED	19/12/2018	3729902	18836566.2	
3730957	LG Energy Solution, Ltd.	20/02/2019	3730957	19756861.1	
3731269	INTEL Corporation	16/03/2020	3731269	20163316.1	
3731639	McLaughlin Gormley King Company	20/12/2018	3731639	18895646.0	
3732327	Valmet Technologies Oy	20/12/2018	3732327	18830499.2	
3732381	Allfast Fastening Systems Inc.	27/12/2018	3732381	18836337.8	
3732615	HUAWEI TECHNOLOGIES CO., LTD.	26/12/2018	3732615	18899348.9	
3732788	BAE Systems	29/12/2017	3732788	17936566.3	
3732881	Google LLC	15/02/2019	3732881	19708009.6	
3733364	Duplo Seiko Corporation	14/04/2020	3733364	20169452.8	
3733487	Kubota Corporation	25/12/2018	3733487	18897305.1	
3733784	LG CHEM, LTD.	29/04/2019	3733784	19810030.7	
	Korea Advanced Institute Of Science And Technology				
3733940	UCHINO CO., LTD.	28/12/2017	3733940	17936494.8	
3735735	Schaeffler Technologies AG & Co. KG	28/11/2018	3735735	18839593.3	German

3735940	Biomet UK Healthcare Limited	10/10/2016	3735940	19199291.6	
3736883	LG Energy Solution, Ltd.	11/06/2019	3736883	19822155.8	
3737335	Cardiovalve Ltd.	21/10/2018	3737335	18796134.7	
3738144	Fachhochschule Kiel	21/12/2018	3738144	18833662.2	German
3738676	Kohler Co.	07/05/2020	3738676	20173393.8	
3739477	Neosapience, Inc.	11/01/2019	3739477	19738845.7	
3739656	Sony Group Corporation	27/12/2018	3739656	18914761.4	
3739937	Vivo Mobile Communication Co., Ltd.	27/12/2018	3739937	18899548.4	
3740026	Sharp Kabushiki Kaisha	10/01/2019	3740026	19738736.8	
3740095	Rainmaker Solutions, Inc.	22/01/2019	3740095	19741459.2	
3740355	Berkshire Grey Operating Company, Inc.	16/01/2019	3740355	19704111.4	
3740830	Safe Marine Transfer, LLC	18/01/2019	3740830	19707902.3	
3740936	Samsung Electronics Co., Ltd.	30/04/2019	3740936	19799275.3	
3742075	LG Electronics Inc.	18/01/2019	3742075	19741815.5	
3742079	Carrier Corporation	21/05/2019	3742079	19175793.9	
3742394	Tencent Technology (Shenzhen) Company Limited	06/06/2019	3742394	19833842.8	
3743127	Westfälische Wilhelms-Universität Münster	24/01/2019	3743127	19704738.4	German
3744010	QUALCOMM INCORPORATED	11/01/2019	3744010	19702166.0	
3744202	Nike Innovate C.V.	18/12/2015	3744202	20180243.6	
3745763	NTT DOCOMO, INC.	17/01/2019	3745763	19744502.6	
3746588	Parkdale Incorporated	31/01/2019	3746588	19748287.0	
3746715	Carrier Corporation	02/02/2018	3746715	18709066.7	
3747597	Mitsubishi Materials Corporation	30/01/2019	3747597	19747593.2	
3748846	Socionext Inc.	05/06/2019	3748846	19178397.6	
3749353	Galderma Holding SA	08/02/2019	3749353	19710488.8	
3749600	Chugai Seiyaku Kabushiki Kaisha				
3749600	Qlar Europe GmbH	28/01/2019	3749600	19705097.4	
3750173	Luvata Waterbury, Inc.	08/02/2019	3750173	19750531.6	
3750693	Liebherr-Aerospace Toulouse SAS	12/06/2020	3750693	20179848.5	French
3750838	Otis Elevator Company	31/03/2020	3750838	20167290.4	
3751038	adidas AG	10/06/2020	3751038	20179311.4	
3751315	THALES	10/06/2020	3751315	20179133.2	French
3751388	Samsung Display Co., Ltd.	10/06/2020	3751388	20179351.0	
3752016	Nicoventures Trading Limited	15/02/2019	3752016	19708951.9	
3752410	Jaguar Land Rover Limited	12/02/2019	3752410	19707713.4	
3753005	F5 Sports, Inc.	15/02/2019	3753005	19709189.5	
3753785	Motherson Innovations Company Limited	17/06/2020	3753785	20180614.8	
3754170	RTX Corporation	17/06/2020	3754170	20180539.7	
3754316	RTX Corporation	17/04/2020	3754316	20170244.6	
3754371	Furuno Electric Co., Ltd.	10/06/2020	3754371	20179176.1	
3754389	ASML Netherlands B.V.	09/06/2020	3754389	20178861.9	
3754602	Tetra Laval Holdings & Finance S.A.	15/06/2020	3754602	20180077.8	
3754870	HUAWEI TECHNOLOGIES CO., LTD.	09/03/2018	3754870	18909105.1	
3755324	Les Laboratoires Servier	19/02/2019	3755324	19707683.9	
3756083	Samsung Electronics Co., Ltd.	22/03/2019	3756083	19771392.8	
3756304	QUALCOMM Incorporated	25/02/2019	3756304	19710534.9	
3756450	Yamabiko Corporation	25/06/2020	3756450	20182264.0	
3757211	The Broad Institute, Inc.	21/12/2015	3757211	20179960.8	
3757553	The General Hospital Corporation				
3757553	Dana-Farber Cancer Institute, Inc.				
3757553	Körber Pharma Inspection GmbH	24/06/2020	3757553	20181921.6	German
3757878	Synaptics, Incorporated	15/06/2020	3757878	20180018.2	
3758118	Intelligent Energy Limited	15/12/2015	3758118	20192000.6	
3758567	GOJO Industries, Inc.	22/02/2019	3758567	19710220.5	
3758859	Novosound Ltd	28/02/2019	3758859	19716473.4	
3759909	Rail Vision Ltd	27/02/2019	3759909	19760367.3	
3760521	Lin, Qiu	24/01/2019	3760521	19743226.3	
3760575	Krones AG	29/05/2020	3760575	20177374.4	German
3760771	Toray Industries, Inc.	22/02/2019	3760771	19757157.3	
3761162	Beijing Xiaomi Mobile Software Co., Ltd.	16/01/2020	3761162	20152138.2	
3761416	ADEKA CORPORATION	25/02/2019	3761416	19761270.8	

3761574	Huawei Technologies Co., Ltd.	16/03/2019	3761574	19772437.0	
3762543	Specter Innovations Group Pty Ltd	11/04/2019	3762543	19785869.9	
3762796	Safran Aero Boosters	04/03/2019	3762796	19709669.6	French
3762812	Micron Technology, Inc.	07/03/2019	3762812	19764486.7	
3763218	Fuji Oil Holdings Inc.	21/01/2019	3763218	19764369.5	
3765255	PostProcess Technologies Inc.	11/03/2019	3765255	19766663.9	
3765746	Gardner Denver Schopfheim GmbH	13/03/2019	3765746	19711322.8	German
3766088	Samsung Electronics Co., Ltd.	13/06/2019	3766088	19824534.2	
3766254	Samsung Electronics Co., Ltd.	30/05/2019	3766254	19827383.1	
3767232	Topcon Corporation	08/07/2020	3767232	20184709.2	
3767450	HUAWEI TECHNOLOGIES CO., LTD.	28/09/2016	3767450	20180403.6	
3767898	Huawei Technologies Co., Ltd.	27/03/2019	3767898	19785170.2	
3767964	Saturn Licensing, LLC	01/03/2019	3767964	19767400.5	
3768272	Liao, Xibin	18/03/2019	3768272	19770607.0	
3768850	IDEXX Laboratories, Inc.	22/03/2019	3768850	19717023.6	
3769159	Bulgari Horlogerie S.A.	21/03/2019	3769159	19713739.1	French
3769445	Sew-Eurodrive GmbH & Co. KG	06/03/2019	3769445	19709839.5	German
3772060	Samsung Electronics Co., Ltd.	30/04/2020	3772060	20172416.8	
3772318	Delmont Imaging SAS	18/09/2019	3772318	19197903.8	
3773023	Nicoventures Trading Limited	27/03/2019	3773023	19716492.4	
3773296	Ablative Solutions, Inc.	04/04/2019	3773296	19782048.3	
3773987	Alma Mater Studiorum Universita di Bologna	25/03/2019	3773987	19721149.3	
3774512	Bernardi, Claudio	04/04/2019	3774512	19721136.0	
3774819	University of Sharjah	26/03/2019	3774819	19776496.2	
3774858	MyNeuroCure Oy	29/03/2019	3774858	19717122.6	
3774994	Agency for Science, Technology and Research	29/03/2019	3774994	19776531.6	
3775170	Shanghai Lide Biotech Co., Ltd.	19/03/2019	3775170	19784485.5	
3775272	Enumera Molecular, Inc.	02/04/2019	3775272	19781555.8	
3775740	IMA Life North America Inc.	09/04/2019	3775740	19785309.6	
3775784	Rosemount Inc.	05/06/2019	3775784	19732197.9	
3775977	Robert Bosch GmbH	29/03/2019	3775977	19715868.6	German
3776054	PhoMedics Limited	26/03/2019	3776054	19721336.6	
3776094	ETA SA Manufacture Horlogère Suisse	20/03/2019	3776094	19712188.2	French
3776151	HUAWEI TECHNOLOGIES CO., LTD.	22/05/2018	3776151	18726970.9	
3777091	Nokia Technologies Oy	02/04/2019	3777091	19781410.6	
3777182	InterDigital VC Holdings, Inc.	03/04/2019	3777182	19717097.0	
3777334	QUALCOMM INCORPORATED	02/04/2019	3777334	19781874.3	
3777352	Telefonaktiebolaget LM Ericsson (publ)	03/04/2019	3777352	19782015.2	
3778234	TOYOBO CO., LTD.	01/03/2019	3778234	19776982.1	
3778965	JFE Steel Corporation	28/03/2019	3778965	19777811.1	
3779075	The SL Co., Ltd.	04/04/2019	3779075	19781151.6	
3779392	Inserail, S.L.	08/05/2019	3779392	19800202.4	
	Fundación Caminos de Hierro para la Investigación y la Ingeniería Ferroviaria				
	Universitat Politècnica de València				
	Telefonos, Lineas y Centrales, S.A.				
3779499	Magna Electronics Sweden AB	13/08/2019	3779499	19191476.1	
3779722	Huawei Technologies Co., Ltd.	29/09/2019	3779722	19864528.5	
	The Hong Kong Polytechnic University				
3780041	Abiomed Europe GmbH	25/10/2017	3780041	20197483.9	
3780087	Mitsubishi Materials Corporation	25/03/2019	3780087	19776886.4	
3780107	BOE TECHNOLOGY GROUP CO., LTD.	24/10/2018	3780107	18893327.9	
3780190	LG CHEM, LTD.	16/01/2020	3780190	20740821.2	
3780232	DAIKIN INDUSTRIES, LTD.	12/04/2019	3780232	19803756.6	
3780823	ZTE Corporation	22/07/2019	3780823	19851434.1	
3782026	Schneider Electric USA, Inc.	06/06/2019	3782026	19733313.1	
3782291	HUAWEI TECHNOLOGIES CO., LTD.	18/04/2019	3782291	19788654.2	
3782322	QUALCOMM Incorporated	15/04/2019	3782322	19722753.1	
3782601	Scai Therapeutics Co., Ltd.	16/04/2019	3782601	19789497.5	
	KIM, Chul Hwan				

3783217	TOYOTA JIDOSHA KABUSHIKI KAISHA	25/05/2020	3783217	20176310.9	
3784052	Pastificio Rana S.p.A.	24/04/2019	3784052	19726506.9	
3784339	Medtronic, Inc.	11/04/2019	3784339	19719405.3	
3785790	Korea Institute of Science and Technology	27/11/2019	3785790	19211713.3	
3786150	WeylChem Performance Products GmbH	03/07/2020	3786150	20000241.8	German
3786512	NPROXX B.V.	30/08/2019	3786512	19194566.6	German
3786795	HUAWEI TECHNOLOGIES CO., LTD.	11/04/2019	3786795	19818511.8	
3786872	Accenture Global Solutions Limited	23/07/2020	3786872	20187465.8	
3786896	Tencent Technology (Shenzhen) Company Limited	22/03/2019	3786896	19793479.7	
3786917	HYUNDAI MOTOR COMPANY Kia Corporation	14/02/2020	3786917	20157377.1	
3786974	Samsung Life Public Welfare Foundation	22/04/2019	3786974	19791780.0	
3787206	HUAWEI TECHNOLOGIES CO., LTD.	13/05/2019	3787206	19802511.6	
3787953	Rail Vision Ltd	01/05/2019	3787953	19796039.6	
3787982	1958658 Ontario Inc.	02/05/2019	3787982	19796749.0	
3788352	BOE Technology Group Co., Ltd.	26/12/2018	3788352	18889942.1	
3788610	Telefonaktiebolaget LM Ericsson (publ)	03/05/2018	3788610	18722961.2	
3789700	Samsung Electronics Co., Ltd.	11/03/2015	3789700	20203876.6	
3790108	Toshiba TEC Kabushiki Kaisha	07/08/2020	3790108	20190035.4	
3790212	HUAWEI TECHNOLOGIES CO., LTD.	15/09/2015	3790212	20176558.3	
3790243	Huawei Cloud Computing Technologies Co., Ltd.	17/05/2019	3790243	19804298.8	
3790575	Novo Nordisk A/S	06/05/2019	3790575	19720693.1	
3792520	Mitsubishi Steel Mfg. Co., Ltd.	09/05/2019	3792520	19799638.2	
3792698	Toshiba Tec Kabushiki Kaisha	16/07/2020	3792698	20186284.4	
3792977	BOE TECHNOLOGY GROUP CO., LTD.	04/04/2019	3792977	19800317.0	
3793006	LG Energy Solution, Ltd.	10/10/2019	3793006	19871150.9	
3793915	Eco-Products, PBC	17/05/2019	3793915	19802720.3	
3794154	Robert Bosch GmbH	07/05/2019	3794154	19723351.3	German
3794446	Microsoft Technology Licensing, LLC	17/06/2019	3794446	19739458.8	
3794465	Google LLC	05/08/2019	3794465	19756069.1	
3795141	InFirst Healthcare Limited	14/01/2014	3795141	20192758.9	
3795467	Goodrich Actuation Systems Limited	20/09/2019	3795467	19198749.4	
3796026	Siemens Healthineers AG	23/09/2019	3796026	19198969.8	
3796095	CANON KABUSHIKI KAISHA	16/09/2020	3796095	20196375.8	
3796292	HUAWEI TECHNOLOGIES CO., LTD.	07/11/2019	3796292	19916046.6	
3796704	Optis Wireless Technology, LLC	22/06/2009	3796704	20207199.9	
3797479	Samsung Electronics Co., Ltd.	04/06/2019	3797479	19829773.1	
3797860	The University of British Columbia	24/08/2016	3797860	20207659.2	
3798349	The Procter & Gamble Company	27/09/2019	3798349	19200044.6	
3798782	Apollo Intelligent Driving Technology (Beijing) Co., Ltd.	26/03/2020	3798782	20165880.4	
3798897	JENOPTIK UK Ltd	30/09/2019	3798897	19200355.6	
3800159	Kastner, Sven	30/09/2020	3800159	20000350.7	German
3801062	Université de Bretagne Occidentale	28/05/2019	3801062	19740627.5	French
3801068	DSM IP Assets B.V.	06/06/2019	3801068	19728075.3	
3801143	Sliderstraw UG	23/05/2019	3801143	19758601.9	German
3801310	Boston Scientific Scimed Inc.	10/06/2019	3801310	19733382.6	
3801344	Sentiar, Inc.	24/05/2019	3801344	19811017.3	
3801724	Medtronic Vascular Inc.	05/06/2019	3801724	19733290.1	
3801725	Medtronic Vascular Inc.	05/06/2019	3801725	19733291.9	
3801817	SGL Carbon SE	06/06/2019	3801817	19730297.9	German
3801994	Hilti Aktiengesellschaft	29/05/2019	3801994	19726437.7	German
3802098	Valmet Engraving Solutions S.R.L.	04/06/2019	3802098	19735397.2	
3802153	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	28/05/2019	3802153	19736423.5	French
3802225	Annex Products Pty Ltd	24/05/2019	3802225	19812227.7	
3802235	Valeo Comfort and Driving Assistance	20/05/2019	3802235	19730684.8	
3802252	Hitachi Rail GTS Canada Inc.	03/06/2019	3802252	19811531.3	
3802386	Windmüller & Hölscher KG	24/05/2019	3802386	19726979.8	German

3802621	The Chinese University of Hong Kong	31/05/2019	3802621	19811035.5	
	The Hong Kong Polytechnic University				
3803333	TSI Incorporated	28/05/2019	3803333	19809973.1	
3803471	Geoquest Systems B.V.	29/05/2019	3803471	19816002.0	
3803857	Nokia Technologies Oy	29/05/2019	3803857	19811863.0	
3803998	Merck Patent GmbH	03/06/2019	3803998	19729473.9	German
3804791	Becton, Dickinson and Company	14/09/2017	3804791	20210085.5	
3804824	Sumitomo Rubber Industries, Ltd.	19/06/2019	3804824	19843579.4	
3805821	Samsung Electronics Co., Ltd.	11/06/2015	3805821	20208318.4	
3805827	Corning Research & Development Corporation	29/09/2020	3805827	20198906.8	
3805848	Simmonds Precision Products, Inc.	13/12/2019	3805848	19216093.5	
3806029	BOE Technology Group Co., Ltd.	28/01/2019	3806029	19812362.2	
	Beijing BOE Optoelectronics Technology Co., Ltd.				
3806928	Fresenius Vial SAS	29/05/2019	3806928	19726706.5	
3807287	RAMIREZ RIOS, Liliana Patricia	04/06/2019	3807287	19736980.4	
3807609	Lightyear IPCo B.V.	03/06/2019	3807609	19727030.9	
3807734	Nextivity, Inc.	14/06/2019	3807734	19820504.9	
3807769	Bright Lion, Inc.	18/06/2019	3807769	19822457.8	
3807965	Schneider Electric Industries SAS	17/07/2019	3807965	19742559.8	German
3808063	Samsung Electronics Co., Ltd.	19/06/2019	3808063	19859348.5	
3808076	Ramseier Coatings AG	18/06/2019	3808076	19739200.4	German
3808585	HONDA MOTOR CO., LTD.	21/06/2017	3808585	20211937.6	
3808614	CAP Corporation	15/09/2020	3808614	20196106.7	
3808630	Nabtesco Corporation	04/09/2020	3808630	20194505.2	
3809199	Toppan Printing Co., Ltd.	18/06/2019	3809199	19822148.3	
3809214	Siemens Aktiengesellschaft	14/10/2019	3809214	19202946.0	
3809405	Samsung Electronics Co., Ltd.	26/05/2020	3809405	20176587.2	
3809754	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	21/06/2018	3809754	18923531.0	
3810250	Giner, Inc.	14/05/2019	3810250	19803599.0	
3810866	SAINT-GOBAIN ISOVER	19/06/2019	3810866	19790605.0	French
3811188	Now.gg, Inc.	20/06/2019	3811188	19821899.2	
3811322	Bullguard Limited	24/06/2019	3811322	19736314.6	
3811679	ORANGE	14/06/2019	3811679	19744763.4	French
3811716	InterDigital Patent Holdings, Inc.	10/06/2019	3811716	19732861.0	
3812090	Black & Decker Inc.	05/10/2020	3812090	20200117.8	
3812579	General Electric Renovables España, S.L.	23/10/2020	3812579	20203630.7	
3813282	HUAWEI TECHNOLOGIES CO., LTD.	22/11/2019	3813282	19890197.7	
3813386	GN Hearing A/S	25/10/2019	3813386	19205404.7	
3813444	Mitsubishi Electric Corporation	23/10/2019	3813444	19306374.0	
3813714	Auris Health, Inc.	03/06/2019	3813714	19816008.7	
3813852	The Trustees of Columbia University in the City of New York	02/05/2019	3813852	19797103.9	
3813895	Merz Pharma GmbH & Co. KGaA	28/06/2019	3813895	19733058.2	
3813920	Medtronic Vascular Inc.	05/06/2019	3813920	19733288.5	
3814173	Magna Electronics, LLC	14/05/2019	3814173	19803496.9	
3814293	SAINT-GOBAIN WEBER	25/06/2019	3814293	19745710.4	French
3814870	Nordic Semiconductor ASA	26/06/2019	3814870	19733769.4	
3815055	Micron Technology, Inc.	26/06/2019	3815055	19826434.3	
3815413	Microsoft Technology Licensing, LLC	21/06/2019	3815413	19736902.8	
3815449	Samsung Electronics Co., Ltd.	25/06/2019	3815449	19826615.7	
3815572	USWE Sports AB	21/10/2020	3815572	20203028.4	
3816451	WILO SE	28/10/2019	3816451	19205642.2	German
3816626	Feral GmbH	30/10/2019	3816626	19206125.7	
3816883	Mitel Networks Corporation	27/10/2020	3816883	20204126.5	
3817683	Covidien LP	25/06/2019	3817683	19829924.0	
3818745	QUALCOMM INCORPORATED	28/06/2019	3818745	19830230.9	
3819684	Toppan Printing Co., Ltd.	05/07/2019	3819684	19830903.1	
3819810	HUAWEI TECHNOLOGIES CO., LTD.	28/08/2018	3819810	18931528.6	
3819902	Sony Group Corporation	20/06/2019	3819902	19830739.9	

3820048	HUAWEI TECHNOLOGIES CO., LTD.	31/07/2019	3820048	19844866.4	
3820310	Körber Technologies GmbH	25/06/2019	3820310	19734052.4	German
3820972	Ecolab USA, Inc.	09/07/2019	3820972	19745493.7	
3820974	Shell Internationale Research Maatschappij B.V.	11/07/2019	3820974	19736568.7	
3821093	Saint-Gobain Weber	12/07/2019	3821093	19737761.7	French
3822075	TUPACK Verpackungen Gesellschaft m.b.H.	15/11/2019	3822075	19020640.9	German
3823224	HUAWEI TECHNOLOGIES CO., LTD.	15/03/2016	3823224	20199674.1	
3823343	LG Electronics Inc.	26/11/2018	3823343	20209389.4	
3824561	Huf Hülsbeck & Fürst GmbH & Co. KG	04/07/2019	3824561	19736683.4	German
3825437	RTX Corporation	24/08/2020	3825437	20192504.7	
3825697	F. Hoffmann-La Roche AG	11/06/2014	3825697	20213985.3	
3825990	Beijing Xiaomi Mobile Software Co., Ltd.	10/03/2020	3825990	20162224.8	
3826166	Carrier Corporation	24/11/2020	3826166	20209422.3	
3826360	HUAWEI TECHNOLOGIES CO., LTD.	21/08/2019	3826360	19852513.1	
3829225	Samsung Electronics Co., Ltd.	07/06/2019	3829225	19843755.0	
3829732	DNA Global Industries Pty Ltd	30/07/2019	3829732	19844811.0	
3830579	Bristol-Myers Squibb Company	02/08/2019	3830579	19759099.5	
3830624	HUAWEI TECHNOLOGIES CO., LTD.	13/09/2018	3830624	18778392.3	
3831294	i-Sens, Inc.	07/06/2019	3831294	19843446.6	
3832041	ACO Ahlmann SE & Co. KG	03/12/2020	3832041	20211486.4	German
3832222	DAIKIN INDUSTRIES, LTD.	25/09/2019	3832222	19867031.7	
3832316	Hitachi High-Tech Corporation	20/09/2019	3832316	19868306.2	
3833940	Endress+Hauser Flowtec AG	30/07/2019	3833940	19748521.2	German
3834144	Siemens Energy Global GmbH & Co. KG	16/09/2019	3834144	19778842.5	
3834538	ZTE Corporation	09/08/2018	3834538	18929719.5	
3834766	Covidien LP	08/12/2020	3834766	20212493.9	
3834834	Zhejiang Hygeiencells Biomedical Co. Ltd	09/08/2019	3834834	19847075.9	
3835060	LG CHEM, LTD.	06/08/2019	3835060	19848038.6	
3835439	IKOI S.p.A.	25/01/2016	3835439	20217488.4	
3835663	BSH Hausgeräte GmbH	31/08/2020	3835663	20193616.8	German
3837341	BW Converting AB	13/08/2019	3837341	19753366.4	
3837833	Samsung Electronics Co., Ltd.	24/09/2019	3837833	19893838.3	
3838727	Bayerische Motoren Werke Aktiengesellschaft	02/11/2020	3838727	20205108.2	German
3838811	KRONES Aktiengesellschaft	01/12/2020	3838811	20210990.6	German
3838869	RTX Corporation	16/12/2020	3838869	20214732.8	
3839224	FPT Industrial S.p.A.	14/12/2020	3839224	20213664.4	
3839567	HENSOLDT Sensors GmbH	18/12/2019	3839567	19217531.3	German
3840270	Datang Mobile Communications Equipment Co., Ltd.	17/08/2019	3840270	19850062.1	
3840378	HUAWEI TECHNOLOGIES CO., LTD.	28/08/2019	3840378	19857345.3	
3840399	GN Hearing A/S	20/12/2019	3840399	19218959.5	
3840490	Robert Bosch GmbH	14/08/2018	3840490	18930106.2	
3842714	LG Electronics, Inc.	22/12/2020	3842714	20216561.9	
3842871	Commissariat à l'Energie Atomique et aux Energies Alternatives	23/12/2020	3842871	20217126.0	French
3843192	mitsubishi gas chemical company, inc.	16/08/2019	3843192	19852068.6	
3843375	Tohoku Techno Arch Co., Ltd.				
3843375	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	15/11/2017	3843375	21150527.6	
3843448	Huawei Technologies Co., Ltd.	17/09/2019	3843448	19863219.2	
3843780	Intervet International B.V.	26/08/2019	3843780	19756193.9	
3844066	Safran Aerosystems	27/08/2019	3844066	19774142.4	French
3844927	Microsoft Technology Licensing, LLC	28/06/2019	3844927	19744956.4	
3845167	Ethicon LLC	29/12/2020	3845167	20217632.7	
3845397	The Yokohama Rubber Co., Ltd.	06/08/2019	3845397	19856062.5	
3845398	The Yokohama Rubber Co., Ltd.	22/08/2019	3845398	19856069.0	
3845537	Taiho Pharmaceutical Co., Ltd.	28/08/2019	3845537	19855702.7	
3845997	Samsung Electronics Co., Ltd.	30/06/2020	3845997	20183067.6	

3846115	Samsung Electronics Co., Ltd.	04/09/2019	3846115	19859665.2	
3846272	LG Energy Solution, Ltd.	04/10/2019	3846272	19868717.0	
3846352	HUAWEI TECHNOLOGIES CO., LTD.	25/09/2019	3846352	19865286.9	
3846439	HUAWEI TECHNOLOGIES CO., LTD.	15/10/2018	3846439	18937192.5	
3846596	KABUSHIKI KAISHA TOSHIBA Toshiba Materials Co., Ltd.	05/08/2019	3846596	19854614.5	
3846667	Starbucks Corporation	28/08/2019	3846667	19765947.7	
3847244	Hebecell Corporation	06/09/2019	3847244	19858191.0	
3847683	DH Technologies Development Pte. Ltd.	04/09/2019	3847683	19770199.8	
3847772	HUAWEI TECHNOLOGIES CO., LTD.	08/10/2019	3847772	19869111.5	
3848530	Berghofer, Bernhard	23/12/2020	3848530	20216803.5	German
3848779	BHS Technologies GmbH	09/01/2020	3848779	20151040.1	
3849242	HUAWEI TECHNOLOGIES CO., LTD.	01/11/2019	3849242	19880617.6	
3849431	Voom Medical Devices, Inc.	13/09/2019	3849431	19877338.4	
3850518	Microsoft Technology Licensing, LLC	05/09/2019	3850518	19769695.8	
3850907	Watlow Electric Manufacturing Company	12/09/2019	3850907	19778720.3	
3850955	British American Tobacco (Investments) Limited	27/04/2017	3850955	21158940.3	
3850985	ORT Solutions Premium	15/01/2021	3850985	21151827.9	French
3851148	Fisher & Paykel Healthcare Limited	24/06/2016	3851148	21150128.3	
3851253	Beijing Geekplus Technology Co., Ltd.	11/09/2019	3851253	19859195.0	
3851547	Nippon Steel Corporation	04/03/2010	3851547	21156531.2	
3851672	HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO., LTD.	13/09/2018	3851672	18933583.9	
3852050	Google LLC	06/04/2016	3852050	21159716.6	
3852826	Stryker Corporation Stryker European Operations Holdings LLC	11/09/2019	3852826	19773699.4	
3852899	Perkins Engines Company Limited	19/09/2019	3852899	19779362.3	
3852940	PRC-Desoto International, Inc.	19/09/2019	3852940	19778672.6	
3853600	Waters Technologies Corporation	17/09/2019	3853600	19782818.9	
3853819	Dassault Systèmes	19/09/2019	3853819	19794607.2	French
3853885	KLA Corporation	01/10/2019	3853885	19871388.5	
3854428	Lutonix, Inc.	16/05/2008	3854428	21162275.8	
3854970	Aug. Winkhaus SE & Co. KG	13/01/2021	3854970	21151354.4	German
3855107	Hamilton Sundstrand Corporation	24/01/2020	3855107	20153729.7	
3855278	The Yokohama Rubber Co., Ltd.	13/09/2019	3855278	19861513.0	
3855625	Stichting IMEC Nederland	27/01/2020	3855625	20153770.1	
3856149	Siemens Healthcare Diagnostics, Inc.	23/09/2019	3856149	19867704.9	
3856201	Kateeva, Inc.	03/09/2019	3856201	19865665.4	
3856863	Covestro Deutschland AG	25/09/2019	3856863	19772751.4	German
3856881	BASF SE	16/09/2019	3856881	19766038.4	
3856965	Carl Freudenberg KG	23/09/2019	3856965	19778926.6	German
3857021	Schlumberger Technology B.V.	27/09/2019	3857021	19866591.1	
3857350	Dish Network, L.L.C.	27/08/2019	3857350	19765890.9	
3858376	Precision Biosciences, Inc.	12/03/2015	3858376	20189872.3	
3859757	AJINOMOTO CO., INC.	18/01/2021	3859757	21152173.7	
3859969	Analog Devices International Unlimited Company	13/01/2021	3859969	21151446.8	
3860464	Siemens Healthineers AG	24/10/2019	3860464	19801686.7	German
3861474	Google LLC	23/09/2019	3861474	19787124.7	
3861543	Janssen Pharmaceuticals, Inc.	27/09/2019	3861543	19780433.9	
3861712	Oshkosh Aerotech, LLC	01/10/2019	3861712	19791020.1	
3861908	Hyde, Christine	05/02/2021	3861908	21155387.0	
3861911	LG Electronics Inc.	19/05/2017	3861911	21160113.3	
3862383	Mitsubishi Chemical Corporation	24/09/2019	3862383	19868436.7	
3863470	Translyft A/S	09/10/2019	3863470	19782626.6	
3864188	Fundación Tecnalia Research & Innovation ASOCIACIÓN CENTRO DE INVESTIGACIÓN COOPERATIVA EN NANOCIENCIAS "CIC nanoGUNE"	09/10/2019	3864188	19782629.0	
3864452	Raytheon Company	11/06/2019	3864452	19742094.6	
3864835	Samsung Electronics Co., Ltd.	19/12/2019	3864835	19898471.8	

3865382	BRIDGESTONE CORPORATION	10/09/2019	3865382	19871755.5	
3866265	Wago Verwaltungsgesellschaft mbH	17/02/2021	3866265	21157514.7	German
3866381	Nokia Solutions and Networks Oy	08/05/2014	3866381	21167847.9	
3866896	ResMed Pty Ltd	16/10/2019	3866896	19874097.9	
3866899	Remmedy LLC	12/09/2019	3866899	19873599.5	
3866984	Kao Corporation	17/10/2019	3866984	19873906.2	
3867319	Praxair S.T. Technology, Inc.	19/10/2018	3867319	18801094.6	
3869168	Daifuku Co., Ltd.	24/10/2019	3869168	19883259.4	
3869564	Imec VZW	18/02/2020	3869564	20157949.7	
3869631	ERICH JAEGER GmbH + Co. KG	18/02/2020	3869631	20157930.7	German
3870284	Shiseido Americas Corporation	27/06/2019	3870284	19934887.1	
3870910	Samsung Electronics Co., Ltd.	23/12/2019	3870910	19899217.4	
3871441	Huawei Technologies Co., Ltd.	20/11/2018	3871441	18808275.4	
3871701	DAIKIN INDUSTRIES, LTD.	22/11/2019	3871701	19894768.1	
3871815	Sumitomo Electric Hardmetal Corp.	12/12/2019	3871815	19915860.1	
3873161	NEC Corporation	20/08/2019	3873161	19874960.8	
3873464	Merck Sharp & Dohme LLC	28/10/2019	3873464	19879342.4	
3874247	Commissariat à l'Energie Atomique et aux Energies Alternatives	11/12/2019	3874247	19839384.5	French
3874790	Telefonaktiebolaget LM Ericsson (publ)	24/10/2019	3874790	19797806.7	
3874889	QUALCOMM Incorporated	23/10/2019	3874889	19802426.7	
3875646	Lin, Chun Wei	24/02/2021	3875646	21158961.9	
3875890	Renishaw PLC	25/02/2019	3875890	21168832.0	
3876290	The University of Sheffield	07/06/2011	3876290	21159574.9	
3876816	Richard Wolf GmbH	07/11/2019	3876816	19808684.5	German
3876832	Autem Medical, LLC	05/11/2019	3876832	19882255.3	
3877045	BaroPace, Inc.	04/11/2019	3877045	19883311.3	
3877440	Allnex Netherlands B.V.	05/11/2019	3877440	19797730.9	
3877584	Honeywell International Inc.	04/11/2019	3877584	19882984.8	
3877605	ROCKWOOL A/S	01/11/2019	3877605	19881790.0	
3878259	Carbure Technologies SAS	12/03/2021	3878259	21162417.6	French
3879354	The Swatch Group Research and Development Ltd	09/03/2020	3879354	20161893.1	French
3879461	Robert Bosch GmbH	10/03/2020	3879461	20162157.0	
3879846	Beijing Xiaomi Pinecone Electronics Co., Ltd.	28/08/2020	3879846	20193328.0	
3879978	Smartfreez Lda	12/11/2019	3879978	19823994.9	
	De Brito Estrela, Rui				
3880044	SEB S.A.	12/11/2019	3880044	19801343.5	French
3882046	BRIDGESTONE CORPORATION	01/11/2019	3882046	19885237.8	
3882432	Garner Aluminium Extrusions Limited	16/03/2021	3882432	21162857.3	
3882607	Boditech Med Inc.	08/11/2019	3882607	19883514.2	
3882857	Sony Group Corporation	13/04/2020	3882857	20169234.0	
3882938	Zhejiang Chint Electrics Co., Ltd.	06/11/2019	3882938	19885494.5	
3883101	Guangdong Midea White Home Appliance Technology Innovation Center Co., Ltd.	06/12/2019	3883101	19903999.1	
	Midea Group Co., Ltd.				
3883179	Huawei Technologies Co., Ltd.	12/12/2019	3883179	19895506.4	
3884077	SSAB Technology AB	19/11/2019	3884077	19808728.0	
3884318	CORNING RESEARCH & DEVELOPMENT CORPORATION	12/11/2019	3884318	19886972.9	
3885826	Samsung Electronics Co., Ltd.	16/03/2021	3885826	21162940.7	
3885838	Konica Minolta, Inc.	18/03/2016	3885838	21174325.7	
3887608	Orbital Systems AB	14/11/2019	3887608	19891371.7	
3887821	Kemira Oyj	27/11/2019	3887821	19817801.4	
3887852	Apple Inc.	06/08/2019	3887852	19759782.6	
3887932	Advanced Micro Devices, Inc.	18/06/2019	3887932	19888288.8	
3888441	Andreas Stihl AG & Co. KG	30/03/2020	3888441	20166760.7	German
3888539	Toray Industries, Inc.	29/11/2019	3888539	19891017.6	
3888847	Koki Holdings Co., Ltd.	25/10/2019	3888847	19888434.8	
3889617	Commissariat à l'Energie Atomique et aux Energies Alternatives	02/04/2021	3889617	21166847.0	French

3889771	Imagination Technologies Limited	12/03/2021	3889771	21162392.1	
3890275	HYUNDAI MOTOR COMPANY	27/11/2019	3890275	19891562.1	
	Kia Corporation				
3890407	Huawei Technologies Co., Ltd.	30/03/2020	3890407	20776555.3	
3890640	Covidien LP	06/12/2019	3890640	19893032.3	
3891192	BASF SE	21/11/2019	3891192	19805975.0	German
3891193	BASF SE	21/11/2019	3891193	19805978.4	German
3891796	Yangtze Memory Technologies Co., Ltd.	14/10/2019	3891796	19927464.8	
3891842	Huawei Technologies Co., Ltd.	30/01/2019	3891842	19702577.8	
3891844	Huawei Technologies Co., Ltd.	29/01/2019	3891844	19702259.3	
3892397	NSK Ltd.	20/02/2020	3892397	20787357.1	
3893133	Huawei Technologies Co., Ltd.	28/12/2019	3893133	19906358.7	
3893843	SQ Innovation AG	10/12/2019	3893843	19829431.6	
3894252	DAF Trucks N.V.	13/12/2019	3894252	19823823.0	
3894530	Shanghai Jahwa United Co., Ltd	15/11/2019	3894530	19897241.6	
3894906	ExxonMobil Technology and Engineering Company	15/11/2019	3894906	19820937.1	
3896770	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	23/03/2021	3896770	21164133.7	German
	Mercedes-Benz Group AG				
3896939	Wangsu Science & Technology Co., Ltd.	17/01/2019	3896939	19899010.3	
3896998	Mimi Hearing Technologies GmbH	28/04/2020	3896998	20171810.3	
3897137	BASF Agrochemical Products B.V.	09/12/2019	3897137	19829412.6	
3897895	Sony Interactive Entertainment LLC	11/12/2019	3897895	19839189.8	
3898544	Saint-Gobain Glass France	18/12/2019	3898544	19848868.6	French
3899031	New England Biolabs, Inc.	19/12/2019	3899031	19842489.7	
3899082	SAFRAN	20/12/2019	3899082	19850728.7	French
3899268	VESTAS WIND SYSTEMS A/S	17/12/2019	3899268	19823906.3	
3899309	Brembo S.p.A.	12/12/2019	3899309	19835498.7	
3899609	ESSILOR INTERNATIONAL	18/12/2019	3899609	19829527.1	
3900227	Montres Rado S.A.	20/12/2019	3900227	19828773.2	French
3900261	Telefonaktiebolaget LM Ericsson (publ)	13/12/2019	3900261	19832447.7	
3900623	MDE Kft.	21/04/2020	3900623	20170650.4	
3900814	Bellco S.r.l.	23/04/2020	3900814	20171199.1	
3901368	Valmet Technologies Oy	30/03/2021	3901368	21165978.4	
3902119	Mitsubishi Electric Corporation	19/12/2018	3902119	18943368.3	
3902183	HUAWEI TECHNOLOGIES CO., LTD.	28/04/2018	3902183	21158854.6	
3902305	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	03/02/2019	3902305	19914090.6	
3903056	Carsoe Seafood ApS	20/12/2019	3903056	19831977.4	
3903227	B-Secur Limited	30/10/2020	3903227	20801374.8	
3903732	Bolton Medical, Inc.	13/06/2017	3903732	21158550.0	
3903778	Shanghai Archeus Biotech Co., Ltd.	30/12/2019	3903778	19901505.8	
3903808	Dalim Tissen Co., Ltd.	28/05/2020	3903808	20815595.2	
3904050	TOYOBO CO., LTD.	19/12/2019	3904050	19903250.9	
3904051	TOYOBO CO., LTD.	19/12/2019	3904051	19904532.9	
3904053	TOYOBO CO., LTD.	19/12/2019	3904053	19906094.8	
3904446	ADEKA CORPORATION	06/11/2019	3904446	19904176.5	
3904574	Nippon Filcon Co., Ltd	26/12/2019	3904574	19905813.2	
3905014	Samsung Display Co., Ltd.	30/06/2017	3905014	21179164.5	
3905078	Advanced New Technologies Co., Ltd.	05/12/2019	3905078	19901914.2	
3905963	Vivasure Medical Limited	20/12/2019	3905963	19832129.1	
3907014	IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY)	19/11/2019	3907014	19906825.5	
3907583	Samsung Electronics Co., Ltd.	11/04/2016	3907583	21183044.3	
3907667	Commissariat à l'Energie Atomique et aux Energies Alternatives	06/04/2021	3907667	21167045.0	
3908343	Medela Holding AG	03/01/2020	3908343	20700638.8	German
3908503	Dürr Systems AG	25/11/2019	3908503	19809778.4	German
3908504	Dürr Systems AG	25/11/2019	3908504	19809779.2	German
3909774	KONICA MINOLTA, INC.	11/01/2019	3909774	19909603.3	

3910015	LG Chem, Ltd.	25/11/2020	3910015	20896773.7	
3910150	Korea Institute Of Civil Engineering And Building Technology	28/11/2019	3910150	19909351.9	
3910385	Samsung Electronics Co., Ltd.	04/05/2021	3910385	21172002.4	
3910848	Koninklijke Philips N.V.	08/01/2020	3910848	20738332.4	
3910971	VOLKSWAGEN AG	13/05/2020	3910971	20174386.1	
3911794	Xefco Pty Ltd	18/02/2020	3911794	20759426.8	
3912006	Warmboard, Inc.	13/02/2020	3912006	20756253.9	
3912882	ALSTOM Holdings	17/05/2021	3912882	21174125.1	French
3912883	Siemens Mobility GmbH	16/04/2021	3912883	21168740.5	German
3912938	KRONES AG	20/05/2021	3912938	21174987.4	German
3913167	Bestway Inflatables & Material Corp.	30/04/2021	3913167	21171414.2	
3913276	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	13/04/2021	3913276	21167999.8	French
3913376	Hitachi High-Tech Corporation	02/12/2019	3913376	19919792.2	
3913436	CANON KABUSHIKI KAISHA	17/05/2021	3913436	21174035.2	
3913860	Sandvine Corporation	20/05/2021	3913860	21175101.1	
3913956	VIVO MOBILE COMMUNICATION CO., LTD.	17/01/2020	3913956	20742102.5	
3914393	Swami, Nathan Varhue, Walter Farmehini, Vahid University Of Virginia Patent Foundation	24/01/2020	3914393	20745971.0	
3914644	Borealis GmbH Abu Dhabi Polymers Co. Ltd (Borouge) - Sole Proprietorship L.L.C.	24/01/2020	3914644	20701073.7	
3914827	Orbion Space Technology, Inc.	02/04/2020	3914827	20828644.3	
3914998	Apple Inc.	25/08/2020	3914998	20768751.8	
3915278	Outer Echo Inc.	16/01/2020	3915278	20701520.7	
3915296	Qualcomm Incorporated	23/01/2020	3915296	20745604.7	
3915924	TK Home Solutions B.V.	29/05/2020	3915924	20177317.3	
3916164	Industrias Ramon Soler, S.A.	21/01/2020	3916164	20708528.3	
3916776	HUAWEI TECHNOLOGIES CO., LTD.	04/09/2017	3916776	21169164.7	
3917051	Ofinno, LLC	17/08/2020	3917051	21180694.8	
3917582	Technische Universität München Technische Universität München - Klinikum Rechts der Isar	30/01/2020	3917582	20702638.6	
3919038	Seirin Corporation	17/12/2020	3919038	20215053.8	
3919780	Univance Corporation	01/02/2019	3919780	19912715.0	
3919786	Hitachi Construction Machinery Co., Ltd.	11/06/2020	3919786	20868896.0	
3919841	Copeland Cold Chain LP	30/06/2016	3919841	21188855.7	
3919875	Honeywell International Inc.	01/06/2021	3919875	21177258.7	
3919882	Nidec Copal Electronics Corporation	02/12/2019	3919882	19913204.4	
3919999	Yanmar Power Technology Co., Ltd.	19/12/2019	3919999	19912734.1	
3920414	Analog Devices, Inc.	02/06/2021	3920414	21177476.5	
3920750	Lexmark International, Inc.	06/02/2020	3920750	20752962.9	
3921029	Baylor College of Medicine	07/02/2020	3921029	20753233.4	
3921120	Milwaukee Electric Tool Corporation	14/04/2020	3921120	20790516.7	
3921385	TouGas Oilfield Solutions GmbH	05/02/2020	3921385	20702648.5	
3921859	Industrieanlagen-Betriebsgesellschaft mbH	30/01/2020	3921859	20703701.1	German
3922326	adidas AG	06/05/2016	3922326	21182390.1	
3922900	Westenergie AG	04/06/2021	3922900	21177784.2	German
3923330	Samsung Display Co., Ltd.	04/06/2021	3923330	21177677.8	
3923344	Samsung Display Co., Ltd.	11/06/2021	3923344	21178970.6	
3923500	Juniper Networks, Inc.	31/08/2018	3923500	21181152.6	
3923529	Juniper Networks, Inc.	18/03/2021	3923529	21163534.7	
3923840	Mimeo Medical GmbH	24/01/2020	3923840	20709466.5	German
3924199	Audi AG	16/01/2020	3924199	20704183.1	German
3924667	Power Service Solutions GmbH	13/02/2020	3924667	20706979.0	German
3924759	Digilens Inc.	18/02/2020	3924759	20755316.5	
3925265	Nokia Technologies Oy	13/02/2020	3925265	20755982.4	

3925292	Telefonaktiebolaget LM Ericsson (publ.)	28/01/2020	3925292	20708222.3	
3925437	OMS Investments, Inc.	15/02/2013	3925437	21187777.4	
3925609	Celgene Corporation	20/08/2015	3925609	21172501.5	
3925916	INVENTIO AG	15/06/2020	3925916	20179891.5	German
3926250	Gree Electric Appliances, Inc. of Zhuhai	30/12/2019	3926250	19926562.0	
3926297	Trimble Inc.	16/06/2020	3926297	20180273.3	
3926447	KONICA MINOLTA, INC.	07/06/2021	3926447	21178028.3	
3926449	Yamaha Corporation	14/06/2021	3926449	21179202.3	
3926465	Mendix Technology B.V.	27/05/2021	3926465	21176243.0	
3926659	Micromass UK Limited	09/05/2013	3926659	21186501.9	
3926974	RP-Technik GmbH	18/03/2019	3926974	21190399.2	German
3927105	Huawei Technologies Co., Ltd.	29/03/2019	3927105	19922737.2	
3927131	Fuji Corporation	12/02/2019	3927131	19914885.9	
3927230	Mokete, Lipalo	30/01/2020	3927230	20759362.5	
3927470	Metso Finland Oy	18/02/2019	3927470	19891685.0	
3927945	SAFRAN AIRCRAFT ENGINES	17/02/2020	3927945	20704883.6	French
3928080	Technische Universität Wien	21/02/2020	3928080	20707055.8	German
3928267	ATS Corporation	29/03/2021	3928267	21769325.8	
3929726	IDEMIA France	18/06/2021	3929726	21180397.8	French
3931603	Equinor Energy AS	28/02/2020	3931603	20767167.8	
3932128	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	16/03/2020	3932128	20783502.6	
3932130	Samsung Electronics Co., Ltd.	30/03/2020	3932130	20782004.4	
3932346	Varian Medical Systems, Inc.	30/06/2021	3932346	21182952.8	
3932608	IPG Photonics Corporation	20/06/2016	3932608	21179038.1	
3932635	Andreas Stihl AG & Co. KG	30/06/2020	3932635	20183204.5	German
3933037	Nanjing Hanxin Pharmaceutical Inc	18/09/2019	3933037	19922714.1	
3933830	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	13/02/2020	3933830	20803428.0	
3934249	BEIJING BAIDU NETCOM SCIENCE AND TECHNOLOGY CO., LTD.	14/12/2020	3934249	20213693.3	
3934548	Wright Medical Technology, Inc.	27/02/2020	3934548	20765550.7	
3934577	GLOBAL SURGICAL INNOVATIONS PTY LTD	21/02/2020	3934577	20766968.0	
3935429	Microsoft Technology Licensing, LLC	26/02/2020	3935429	20713470.1	
3935956	GEA Food Solutions Bakel B.V.	09/05/2018	3935956	21182560.9	
3936056	DA AN GENE CO., LTD.	27/10/2020	3936056	20855846.0	
3936322	Sumitomo Heavy Industries, Ltd.	17/06/2015	3936322	21189632.9	
3936968	GRAMMER AG	25/06/2021	3936968	21181643.4	German
3937508	GN Hearing A/S	02/06/2021	3937508	21177283.5	
3937806	CarboFix Spine Inc.	09/03/2020	3937806	20769154.4	
3938164	Deutsches Zentrum für Luft- und Raumfahrt e.V.	11/03/2020	3938164	20712868.7	German
3938400	Memorial Sloan Kettering Cancer Center	10/03/2020	3938400	20770116.0	
3938552	MG Meccanica Srl	11/03/2020	3938552	20710505.7	German
3938779	REHAU Industries SE & Co. KG				
3938779	Oxford Nanopore Technologies plc	11/03/2020	3938779	20715941.9	
3940309	NGK Insulators, Ltd.	04/03/2020	3940309	20769422.5	
3940986	Telefonaktiebolaget LM Ericsson (publ)	27/10/2017	3940986	21196186.7	
3941600	Karsten Manufacturing Corporation	23/03/2020	3941600	20777213.8	
3942201	Piaggio & C. S.P.A.	13/03/2020	3942201	20715469.1	
3942470	Raytheon Company	26/02/2020	3942470	20714063.3	
3943782	Nexen Group, Inc.	22/09/2016	3943782	21195150.4	
3943814	Poujoulat	20/07/2021	3943814	21186681.9	French
3944634	Sivantos Pte. Ltd.	03/06/2021	3944634	21177571.3	German
3944760	Albert Kerbl GmbH	21/06/2021	3944760	21180646.8	German
3945776	DVORÁK - svahové sekacky s.r.o.	03/03/2020	3945776	20716374.2	
3946324	Merck Sharp & Dohme LLC	30/03/2020	3946324	20783686.7	
3947102	L & T Technology Services Limited	27/03/2020	3947102	20785343.3	
3947110	Oshkosh Corporation	06/03/2020	3947110	20716289.2	
3947883	MAURI & C. S.n.C. di Carlo Mauri e C.	02/04/2020	3947883	20721304.2	
3947943	VOLKSWAGEN AG	25/03/2020	3947943	20714195.3	German

3948263	Honeywell International Inc.	27/03/2020	3948263	20778276.4	
3951013	Tungaloy Corporation	23/06/2021	3951013	21181019.7	
3951812	Hitachi Energy Ltd	06/08/2020	3951812	20189858.2	
3952079	Mitsumi Electric Co., Ltd.	02/08/2021	3952079	21189082.7	
3952873	Københavns Universitet	21/01/2020	3952873	20702191.6	
3952967	Covidien LP	24/03/2020	3952967	20719302.0	
3954030	Huawei Digital Power Technologies Co., Ltd.	20/09/2019	3954030	19782851.0	
3954910	Illinois Tool Works, Inc.	11/05/2021	3954910	21173262.3	
3955603	Huawei Technologies Co., Ltd.	21/02/2020	3955603	20802941.3	
3955785	Advanced Flexible Composites, Inc.	15/04/2020	3955785	20790859.1	
3955891	REGENXBIO Inc.	17/04/2020	3955891	20724998.8	
3956018	Medtronic, Inc.	10/04/2020	3956018	20722916.2	
3956130	Luxcreo (Beijing) Inc.	12/06/2020	3956130	20827047.0	
3956788	Microsoft Technology Licensing, LLC	03/03/2020	3956788	20716024.3	
3957031	oxylabs, UAB	09/04/2021	3957031	21720318.1	
3957491	Kässbohrer Geländefahrzeug AG	11/06/2021	3957491	21179091.0	German
3957791	LG Electronics Inc.	16/04/2019	3957791	19925285.9	
3958182	Dassault Systèmes	20/08/2020	3958182	20305938.1	
3958410	Huawei Technologies Co. Ltd.	28/05/2020	3958410	20815237.1	
3958606	ZTE Corporation	13/04/2020	3958606	20790513.4	
3959487	Rosemount Tank Radar AB	24/04/2019	3959487	19719852.6	
3960453	Unilin, BV	20/03/2015	3960453	21201752.9	
3960908	Carrier Corporation	17/08/2021	3960908	21191772.9	
3960958	Unilin, BV	06/05/2016	3960958	21203142.1	
3961290	Brien Holden Vision Institute Limited	09/02/2011	3961290	21191653.1	
3961359	Beijing Xiaomi Mobile Software Co., Ltd.	26/03/2021	3961359	21165123.7	
3961872	Guangdong Welling Motor Manufacturing Co., Ltd.	17/10/2019	3961872	19939984.1	
3962122	Huawei Technologies Co., Ltd.	13/02/2020	3962122	20794664.1	
3962298	Philip Morris Products S.A.	24/04/2020	3962298	20720085.8	
3962341	iRobot Corporation	14/04/2020	3962341	20798024.4	
3963171	Itrec B.V.	01/05/2020	3963171	20721276.2	
3963209	Agilent Technologies, Inc.	30/04/2019	3963209	19926808.7	
3963461	EMC IP Holding Company LLC	19/03/2020	3963461	20719004.2	
3963960	Samsung Electronics Co., Ltd.	04/05/2020	3963960	20802877.9	
3964639	LG Electronics Inc.	07/09/2021	3964639	21195185.0	
3965244	Baidu USA LLC	19/01/2022	3965244	22152130.5	
3965345	Datang Mobile Communications Equipment Co., Ltd.	27/02/2020	3965345	20798640.7	
3965395	VOLKSWAGEN AG	08/09/2020	3965395	20195053.2	
3965633	Boston Scientific Scimed Inc.	06/05/2020	3965633	20729370.5	
3966098	Kohlheb, Róbert	05/05/2020	3966098	20740710.7	
	Lantos, Mihály István				
	Horváth, Richárd				
	Réger, Mihály Antal				
3966102	Jetworx GmbH	12/06/2020	3966102	20732846.9	German
3966677	Apple Inc.	05/05/2020	3966677	20729345.7	
3966712	Microsoft Technology Licensing, LLC	25/04/2020	3966712	20842746.8	
3967227	Abbott Diabetes Care Inc.	15/06/2016	3967227	21172974.4	
3967375	Wistron Corporation	23/12/2020	3967375	20216901.7	
3967725	LG Chem, Ltd.	09/09/2020	3967725	20862754.7	
3967911	Eagle Industry Co., Ltd.	28/04/2020	3967911	20802131.1	
3968187	Tencent Technology (Shenzhen) Company Limited	15/04/2020	3968187	20805042.7	
3968376	Samsung Electronics Co., Ltd.	28/05/2021	3968376	21176527.6	
3968605	Huawei Cloud Computing Technologies Co., Ltd.	03/03/2020	3968605	20826025.7	
3969131	Nouveau, Stéphane	30/04/2020	3969131	20731920.3	French
3969479	Harpoon Therapeutics, Inc.	14/05/2020	3969479	20805976.6	
3969984	INTEL Corporation	19/03/2020	3969984	20806293.5	
3971426	TOGE Dübel GmbH & Co. KG	11/08/2021	3971426	21190860.3	German

3972240	Trixell	15/09/2021	3972240	21196755.9	French
3973131	Samet Kalip Ve Madeni Esya San. Ve Tic. A.S.	13/06/2019	3973131	19848827.2	German
3973311	Makalu Optics Ltd.	20/05/2020	3973311	20728208.8	
3973380	Xilinx, Inc.	12/05/2020	3973380	20729492.7	
3973798	Shenzhen Huachengda Precision Industry Co., Ltd.	09/06/2020	3973798	20939836.1	
3974472	LG Chem, Ltd.	03/06/2021	3974472	21819312.6	
3974730	Miele & Cie. KG	25/08/2021	3974730	21193008.6	German
3974949	Maxell, Ltd.	22/05/2019	3974949	19929455.4	
3975025	AO Kaspersky Lab	20/05/2021	3975025	21174881.9	
3975940	Stegmann, Johann Petrus	29/05/2020	3975940	20729846.4	
3976211	Davis, Bradley	29/05/2020	3976211	20746382.9	
3976865	Toray Opelontex Co., Ltd	27/05/2020	3976865	20737535.3	
3977141	Nextinput, Inc.	01/06/2020	3977141	20812780.3	
3977975	Mitsubishi Electric Engineering Company, Limited	27/05/2019	3977975	19930675.4	
3978151	The Boeing Company	22/09/2021	3978151	21198334.1	
3978505	Jilin Asymchem Pharmaceuticals Co., Ltd.	28/10/2019	3978505	19950893.8	
3978952	RTX Corporation	05/10/2021	3978952	21201068.0	
3979069	CONNECTFREE CORPORATION	25/05/2020	3979069	20814469.1	
3979203	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	22/06/2020	3979203	20837152.6	
3979353	Nifco Inc.	22/05/2020	3979353	20813499.9	
3979631	Ricoh Company, Ltd.	29/09/2021	3979631	21199936.2	
3979739	VIVO MOBILE COMMUNICATION CO., LTD.	04/05/2018	3979739	21208452.9	
3979908	Qeexo, Co.	03/06/2020	3979908	20817902.8	
3979965	Sigvaris AG	13/07/2020	3979965	20742206.4	
3980116	Siemens Healthineers International AG	04/06/2020	3980116	20730636.6	
3980192	Schwan Cosmetics International GmbH	03/06/2020	3980192	20730598.8	
3980501	Swimc LLC	05/06/2020	3980501	20818554.6	
3980669	IMS Gear SE & Co. KGaA	04/06/2020	3980669	20732157.1	German
3981246	Campagnola S.R.L.	18/06/2021	3981246	21180280.6	
3981360	Sirona Dental Systems GmbH	28/11/2018	3981360	21211981.2	German
3982679	MediaTek Singapore Pte. Ltd.	07/10/2021	3982679	21201438.5	
3982787	RPC Bramlage GmbH	15/06/2020	3982787	20734659.4	German
3983222	Stratasys Ltd.	11/06/2020	3983222	20737606.2	
3983367	Symrise AG	11/06/2019	3983367	19731193.9	
3983690	GKN Driveline Deutschland GmbH	14/06/2019	3983690	19733984.9	
3983860	F. Hoffmann-La Roche AG	04/06/2020	3983860	20729104.8	
3983896	Stellantis Auto SAS	08/06/2020	3983896	20742325.2	French
3983924	Stratasys Ltd.	11/06/2020	3983924	20747151.7	
3983950	Amazon Technologies, Inc.	21/09/2020	3983950	20789311.6	
3984508	H Robotics Inc.	02/11/2020	3984508	20886356.3	
3984644	KLEEMANN GMBH	01/09/2021	3984644	21194266.9	German
3984880	PRATT & WHITNEY CANADA CORP.	19/10/2021	3984880	21203560.4	
3984997	Les Laboratoires Servier	05/01/2013	3984997	21194846.8	
3986547	Varian Medical Systems, Inc.	17/06/2020	3986547	20751815.0	
3986782	Bestpaddle Kft.	15/06/2020	3986782	20753404.1	
3986828	Prestige Italia S.P.A.	11/06/2020	3986828	20731125.9	
3986844	Algaia	17/06/2020	3986844	20733939.1	French
3986979	The University Court Of The University of Edinburgh	18/06/2020	3986979	20734601.6	
3987153	Conocophillips Company	16/06/2020	3987153	20826898.7	
3987306	Banner Engineering Corporation	19/06/2020	3987306	20737786.2	
3988163	Boston Scientific Neuromodulation Corporation	09/06/2017	3988163	21209578.0	
3988769	NISSAN MOTOR Co., Ltd.	21/06/2019	3988769	19933251.1	
3988935	Renault s.a.s				
	Zhejiang Orient Gene Biotech Co., Ltd	13/10/2021	3988935	21202392.3	
	Healgen Scientific Limited				

3990060	Becton, Dickinson and Company	24/06/2020	3990060	20742542.2	
3990081	ResMed Pty Ltd	26/06/2020	3990081	20833415.1	
3990094	Fresenius Vial SAS	25/06/2020	3990094	20733840.1	
3990240	Saint-Gobain Weber	24/06/2020	3990240	20734034.0	
3990779	VESTAS WIND SYSTEMS A/S	24/06/2020	3990779	20740536.6	
3990825	ZKW Group GmbH	08/06/2020	3990825	20732174.6	German
3991014	FVRVS Limited	22/05/2020	3991014	20742425.0	
3991176	Boston Scientific Scimed, Inc.	21/08/2020	3991176	20767898.8	
3991448	Giovannoni, Rocco	25/06/2020	3991448	20743334.3	
3991984	FUJIFILM Corporation	26/06/2020	3991984	20831098.7	
3992043	KUBOTA CORPORATION	24/06/2020	3992043	20831186.0	
3992097	GPI Frankfurt & Augsburg GmbH	05/08/2021	3992097	21189895.2	German
3993219	Techtronic Cordless GP	19/10/2021	3993219	21203568.7	
3993459	STMicroelectronics S.r.l.	15/10/2021	3993459	21202833.6	
3993630	Spirax-Sarco Limited	30/06/2020	3993630	20735577.7	
3993992	I.M.A. Industria Macchine Automatiche S.p.A.	23/06/2020	3993992	20732716.4	
3994360	KSB SE & Co. KGaA	22/06/2020	3994360	20734364.1	German
3994895	Samsung Electronics Co., Ltd.	19/06/2020	3994895	20849308.0	
3995405	Masterwork Group Co., Ltd.	04/11/2021	3995405	21206375.4	German
3995914	TOKAI NATIONAL HIGHER EDUCATION AND RESEARCH SYSTEM DMG Mori Co., Ltd. Saitama University Keio University	07/08/2020	3995914	20850834.1	
3995928	Hamilton Sundstrand Corporation	05/11/2021	3995928	21206786.2	
3996099	Hand Held Products, Inc.	29/10/2021	3996099	21205697.2	
3997551	BAE SYSTEMS plc	18/06/2020	3997551	20734091.0	
3998288	Ningbo Innovative Mechanism Bioscience LLC	22/06/2020	3998288	20841149.6	
3999948	Renault s.a.s	15/05/2020	3999948	20725715.5	French
4000223	Microsoft Technology Licensing, LLC	03/06/2020	4000223	20760629.4	
4000819	Jingdong Technology Information Technology Co., Ltd.	13/08/2020	4000819	20862349.6	
4000940	IDEMIA Identity & Security France	20/11/2020	4000940	20306425.8	
4001517	Hitachi Construction Machinery Co., Ltd.	15/03/2021	4001517	21775190.8	
4001547	Kingo Karlsen A/S	18/11/2021	4001547	21208959.3	
4001670	Hitachi Construction Machinery Co., Ltd.	12/03/2021	4001670	21775095.9	
4001736	Self Electronics Co., Ltd. SELF ELECTRONICS Germany GmbH Lin, Wanjiong	09/11/2021	4001736	21207138.5	
4001900	Sieber, Arne Oxygen Scientific GmbH	11/11/2021	4001900	21207774.7	German
4002582	Samsung Electronics Co., Ltd.	19/02/2020	4002582	22150705.6	
4002624	Commissariat à l'Energie Atomique et aux Energies Alternatives	19/11/2021	4002624	21209329.8	French
4002973	Sungrow Power Supply Co., Ltd.	11/11/2021	4002973	21207847.1	
4003712	Schwarz GmbH	24/06/2020	4003712	20734719.6	German
4004085	Cilag GmbH International	28/07/2020	4004085	20746974.3	
4004162	ExxonMobil Technology and Engineering Company	17/12/2019	4004162	19839503.0	
4005016	Terawatt Technology Inc.	28/07/2020	4005016	20754569.0	
4005623	OrbusNeich Medical Pte. Ltd.	04/11/2015	4005623	21214540.3	
4005673	QuantaMatrix Inc.	06/10/2020	4005673	20926157.7	
4006099	LG Chem, Ltd.	09/06/2021	4006099	21856952.3	
4006961	Samsung Display Co., Ltd.	03/06/2020	4006961	20847623.4	
4007431	Huawei Technologies Co. Ltd.	07/03/2018	4007431	21217832.1	
4007721	Diehl Aviation Laupheim GmbH Airbus Operations GmbH	11/09/2020	4007721	20771827.1	German
4008056	Raytheon Company	25/06/2020	4008056	20742571.1	
4008122	Nokia Technologies Oy	16/07/2020	4008122	20849752.9	

4008222	Aertec	16/11/2021	4008222	21208649.0	French
4008243	Biosense Webster (Israel) Ltd	05/02/2019	4008243	22152034.9	
4008941	Pacific Industrial Co., Ltd.	30/03/2021	4008941	21857976.1	German
4009292	Honeywell International Inc.	04/12/2020	4009292	20211960.8	
4009539	Telefonaktiebolaget LM Ericsson (publ)	01/04/2019	4009539	21202801.3	
4010766	Siemens Aktiengesellschaft	24/09/2019	4010766	19786451.5	
4010807	Microsoft Technology Licensing, LLC	11/06/2020	4010807	20751697.2	
4011036	Telefonaktiebolaget LM Ericsson (publ)	09/08/2019	4011036	19941149.7	
4011258	OP-Hygiene IP GmbH	06/12/2021	4011258	21212524.9	
4012024	The Brigham and Women's Hospital, Inc.	29/12/2015	4012024	21193478.1	
4012463	Samsung Electronics Co., Ltd.	07/09/2020	4012463	20863106.9	
4012495	Astemo, Ltd.	10/06/2020	4012495	20850392.0	
4012705	Tencent Technology (Shenzhen) Company Limited	28/10/2020	4012705	20920497.3	German
4012934	Huawei Technologies Co., Ltd.	23/04/2020	4012934	20852418.1	
4013001	Huawei Technologies Co., Ltd.	12/08/2020	4013001	20851551.0	
4013032	Sony Group Corporation	21/06/2020	4013032	20859484.6	
4013126	Huawei Technologies Co. Ltd.	07/08/2020	4013126	20851783.9	
4013144	Huawei Technologies Co., Ltd.	16/08/2019	4013144	19941919.3	
4013159	Sony Group Corporation	27/08/2020	4013159	20862348.8	
4013251	NIKE Innovate C.V.	11/08/2020	4013251	20761936.2	
4013254	Scandinavian Hair Systems, Inc.	23/03/2020	4013254	20777293.0	
4014014	HONEYWELL INTERNATIONAL INC.	16/08/2019	4014014	19941830.2	German
4014237	Micron Technology, Inc.	11/08/2020	4014237	20771651.5	
4014363	Telefonaktiebolaget LM Ericsson (publ)	12/08/2020	4014363	20754835.5	
4014909	Biosense Webster (Israel) Ltd	30/03/2021	4014909	21165819.0	
4015777	PRATT & WHITNEY CANADA CORP.	20/12/2021	4015777	21216157.4	
4015877	Robert Bosch GmbH	02/12/2021	4015877	21211877.2	
4015995	ConocoPhillips Company	22/01/2015	4015995	22150488.9	
4016148	INTEL Corporation	08/09/2021	4016148	21195423.5	
4016270	Samsung Electronics Co., Ltd.	26/08/2014	4016270	22155790.3	
4016567	HUAWEI TECHNOLOGIES CO., LTD.	30/08/2019	4016567	19943658.5	German
4016586	Nuvoton Technology Corporation Japan	24/05/2021	4016586	21818171.7	
4016941	Huawei Technologies Co., Ltd.	14/08/2020	4016941	20852148.4	
4017870	New York University	21/08/2020	4017870	20858114.0	
	United States Government as represented by the Department of Veterans Affairs				
4017933	Arteco NV	21/08/2020	4017933	20758229.7	
4018178	Restek Corporation	20/08/2020	4018178	20764898.1	
4018301	Microsoft Technology Licensing, LLC	11/06/2020	4018301	20750846.6	
4018384	DeepMind Technologies Limited	24/09/2020	4018384	20781464.1	
4018388	Microsoft Technology Licensing, LLC	09/06/2020	4018388	20750502.5	
4018642	Sony Semiconductor Solutions Corporation	09/06/2020	4018642	20743875.5	German
4018806	Globe (Jiangsu) Co., Ltd.	21/12/2021	4018806	21216216.8	
4019226	Liebherr-Hausgeräte Ochsenhausen GmbH	15/12/2021	4019226	21214633.6	
4019582	Borealis GmbH	23/12/2020	4019582	20216930.6	
4020328	Anhui Cambricon Information Technology Co., Ltd.	20/08/2020	4020328	20824879.9	
4020561	INTEL Corporation	10/09/2021	4020561	21195965.5	
4020606	Everspin Technologies, Inc.	21/12/2021	4020606	21216625.0	
4020723	Furukawa Electric Co., Ltd.	01/09/2020	4020723	20860907.3	
	Furukawa Automotive Systems Inc.				
4021221	Philip Morris Products, S.A.	25/08/2020	4021221	20761240.9	German
4021317	Alcon Inc.	24/08/2020	4021317	20764476.6	
4022218	Lumus Ltd.	02/02/2021	4022218	21747868.4	
4022287	Ventana Medical Systems, Inc.	26/08/2020	4022287	20771987.3	
4022664	Micromass UK Limited	28/08/2020	4022664	20764438.6	
4022846	Signify Holding B.V.	21/08/2020	4022846	20757603.4	
4023094	DA. MA. & Co S.r.l.	30/12/2021	4023094	21218352.9	
4023536	Inalfa Roof Systems Group B.V.	22/12/2021	4023536	21216967.6	
4023630	Zhejiang Wansheng Co., Ltd	27/05/2021	4023630	21832135.4	

4024064	Great Wall Motor Company Limited	25/11/2020	4024064	20894755.6	
4024818	Huawei Technologies Co., Ltd.	07/09/2020	4024818	20865217.2	
4024843	SZ DJI Technology Co., Ltd.	29/08/2019	4024843	19942791.5	
4024858	LG Electronics Inc.	31/08/2020	4024858	20857126.5	
4024977	Huawei Technologies Co. Ltd.	26/09/2019	4024977	19947198.8	
4025114	Carl Zeiss Meditec, Inc. Carl Zeiss Meditec AG	04/09/2020	4025114	20767791.5	
4025136	Applied Medical Technology, Inc.	03/09/2020	4025136	20861800.9	
4025308	Kompan A/S	03/09/2020	4025308	20775820.2	
4025980	BAE SYSTEMS plc	20/08/2020	4025980	20761880.2	
4026246	Huawei Technologies Co., Ltd.	10/09/2019	4026246	19766247.1	
4026489	Briteseed, LLC	25/08/2017	4026489	22160230.3	
4026556	Acceleron Pharma Inc.	04/10/2017	4026556	21203702.2	
4026881	Nippon Hosokawa Kasei Co., Ltd. Nippon Shokubai Co., Ltd.	04/09/2020	4026881	20860625.1	
4027237	Rockwell Automation Technologies, Inc.	08/09/2021	4027237	21195424.3	
4027351	TERUMO Kabushiki Kaisha	21/08/2020	4027351	20882027.4	
4027700	Tencent Technology (Shenzhen) Company Limited	06/04/2021	4027700	21804630.8	
4027723	Huawei Technologies Co. Ltd.	30/09/2019	4027723	19948104.5	
4028656	Safran Nacelles	07/09/2020	4028656	20786017.2	French
4029086	Huawei Technologies Co., Ltd.	06/11/2019	4029086	19801272.6	
4029630	Alantum Europe GmbH Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	18/06/2019	4029630	22160770.8	German
4029775	Claverham Limited	15/01/2021	4029775	21275004.6	
4029864	Samsung Display Co., Ltd.	25/06/2019	4029864	22157662.2	
4030219	BHS Technologies GmbH	13/01/2021	4030219	21151440.1	
4031073	Touch Bionics Limited	17/09/2020	4031073	20775723.8	
4031143	Totus Medicines Inc.	18/09/2020	4031143	20865745.2	
4032758	ROSEMOUNT AEROSPACE INC.	20/01/2022	4032758	22152516.5	
4033382	Rakuten Group, Inc.	11/12/2020	4033382	20938506.1	
4034454	Lyft, Inc.	18/09/2020	4034454	20786171.7	
4034919	Microsoft Technology Licensing, LLC	18/06/2020	4034919	20737681.5	
4035311	CSL (Dualcom) Limited	16/02/2021	4035311	21716811.1	
4035880	adidas AG	27/01/2022	4035880	22153604.8	
4035947	IVECO S.P.A.	02/02/2022	4035947	22154835.7	
4036011	Honeywell International Inc.	25/11/2021	4036011	21210612.4	
4036427	Illinois Tool Works, Inc.	10/12/2021	4036427	21213887.9	
4036538	Bizerba SE & Co. KG	17/11/2014	4036538	22162688.0	German
4036663	Siemens Aktiengesellschaft	29/01/2021	4036663	21154166.9	German
4036769	KABUSHIKI KAISHA TOSHIBA Toshiba Infrastructure Systems & Solutions Corporation	20/11/2020	4036769	20892666.7	
4037158	Black & Decker, Inc.	01/02/2022	4037158	22154529.6	
4037297	Mitel Networks Corporation	28/01/2022	4037297	22153934.9	
4037371	Sony Group Corporation	09/06/2016	4037371	22161764.0	
4037606	Colgate-Palmolive Company	17/09/2020	4037606	20786217.8	
4037756	BIOTRONIK SE & Co. KG	02/10/2020	4037756	20792305.3	
4037937	VALEO VISION	24/09/2020	4037937	20775314.6	French
4038002	INVENTIO AG	04/09/2020	4038002	20765019.3	German
4038383	Merck Sharp & Dohme LLC	29/09/2020	4038383	20871376.8	
4038411	Lambda: 4 Entwicklungen GmbH	03/11/2021	4038411	21805933.5	German
4038778	QUALCOMM Incorporated	02/10/2020	4038778	20796988.2	
4038790	QUALCOMM INCORPORATED	22/09/2020	4038790	20789324.9	
4039538	ALSTOM Holdings SNCF Voyageurs	04/02/2022	4039538	22155130.2	French
4039695	Impossible Foods Inc.	11/05/2016	4039695	22151183.5	
4039856	Montefibre Mae Technologies S.R.L.	20/01/2022	4039856	22152533.0	
4039980	Trane International Inc.	26/06/2020	4039980	22152106.5	
4040024	Fox Factory, Inc.	07/02/2022	4040024	22155393.6	
4040118	Tetra Laval Holdings & Finance S.A.	04/02/2022	4040118	22155108.8	

4041081	Life Meter Srl	09/10/2020	4041081	20793587.5	
4041128	Prodeon Medical Corporation	09/10/2020	4041128	20875066.1	
4041164	T.J. Smith and Nephew, Limited	09/10/2020	4041164	20792327.7	
4041633	Kitty Hawk Corporation	08/10/2020	4041633	20874046.4	
4041642	PHOENIX CONTACT GMBH & CO. KG	06/10/2020	4041642	20781576.2	German
4041854	Unilever Global IP Limited	28/09/2020	4041854	20776182.6	
4042052	Muvig S.r.l.	08/10/2020	4042052	20874192.6	
4042875	Aggarwal, Rakesh Kumar Aggarwal, Saurabh	01/10/2021	4042875	21200509.4	
4043250	Mind Electronics Appliance Co., Ltd.	15/06/2021	4043250	21878758.8	
4043308	Dumarey Automotive Italia S.p.A.	08/02/2022	4043308	22155536.0	
4043858	LG Energy Solution, Ltd.	20/01/2021	4043858	21827890.1	
4044020	INTEL Corporation	25/06/2019	4044020	22167262.9	
4044227	NXP B.V.	15/02/2021	4044227	21157067.6	
4045330	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	24/09/2020	4045330	20780186.1	German
4045510	Cancer Research Technology Limited The Institute of Cancer Research: Royal Cancer Hospital	14/10/2020	4045510	20793780.6	
4045899	Gemological Institute of America, Inc. (GIA)	25/11/2020	4045899	20891873.0	
4046145	EVOCA S.p.A.	19/10/2020	4046145	20819861.4	
4046255	FRONIUS INTERNATIONAL GmbH	18/11/2020	4046255	20807021.9	German
4046812	Primera Technology, Inc.	28/08/2020	4046812	22158780.1	
4046928	The Procter & Gamble Company	22/02/2021	4046928	21158325.7	
4047092	Editas Medicine, Inc.	12/04/2017	4047092	21209871.9	
4047766	Hauff-Technik GmbH & Co. KG	22/02/2021	4047766	21158377.8	German
4047883	Juniper Networks, Inc.	17/05/2021	4047883	21174188.9	
4047942	Huawei Technologies Co., Ltd. Peking University	18/11/2020	4047942	20896003.9	
4048044	Fuji Corporation	18/10/2019	4048044	19949110.1	
4049050	Advanced Micro Devices, Inc.	16/10/2020	4049050	20804386.9	
4049114	Advanced Micro Devices, Inc.	22/10/2020	4049114	20879797.7	
4049120	IDD Aerospace Corporation	21/10/2020	4049120	20807941.8	
4049431	Siemens Mobility GmbH	10/12/2020	4049431	20828977.7	German
4050432	Beijing Xiaomi Mobile Software Co., Ltd.	24/11/2021	4050432	21210268.5	
4050845	Palo Alto Networks, Inc.	12/06/2018	4050845	22167697.6	
4051192	Neurotech USA, Inc.	02/11/2020	4051192	20819924.0	
4051534	Renault s.a.s	21/10/2020	4051534	20792441.6	French
4051771	VGP IPCO LLC	30/10/2019	4051771	19951079.3	
4052335	Innophase, Inc.	28/10/2020	4052335	20811825.7	
4053080	Panasonic Intellectual Property Management Co., Ltd.	13/10/2020	4053080	20882259.3	
4053411	Shenzhen Spherical Fluid Power Technology Co., Ltd	22/10/2020	4053411	20882813.7	
4053456	Miele & Cie. KG	16/02/2022	4053456	22156972.6	German
4053707	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	02/11/2020	4053707	20887274.7	
4053743	KABUSHIKI KAISHA TOSHIBA Toshiba Infrastructure Systems & Solutions Corporation	30/11/2020	4053743	20901817.5	
4053748	Huawei Technologies Co., Ltd. Tsinghua University	20/11/2020	4053748	20888862.8	
4053906	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	17/05/2021	4053906	21818238.4	
4054189	LG Electronics Inc.	28/10/2020	4054189	20882294.0	
4054250	Beijing Xiaomi Mobile Software Co., Ltd.	08/01/2020	4054250	22170512.2	
4054313	Sitrex S.p.a.	08/11/2019	4054313	19835317.9	
4054334	HW Innovations B.V.	06/11/2020	4054334	20811119.5	
4054871	Renault s.a.s	05/11/2020	4054871	20799746.1	French

4055227	FASTER S.r.l.	04/11/2020	4055227	20812133.5	French
4055305	ABC Transfer	05/11/2020	4055305	20816275.0	
4055331	Abstract Ice, Inc.	05/11/2020	4055331	20884176.7	
4055555	Huawei Technologies Co., Ltd.	04/12/2019	4055555	19813842.2	
4055681	Celtro GmbH	03/11/2020	4055681	20797517.8	
4055940	QUALCOMM INCORPORATED	08/10/2020	4055940	20797630.9	German
4056956	Melexis Technologies SA	06/06/2019	4056956	22171126.0	
4057105	Northrop Grumman Systems Corporation	24/02/2022	4057105	22158677.9	
4057688	Vivo Mobile Communication Co., Ltd.	05/11/2020	4057688	20884637.8	
4057747	HUAWEI TECHNOLOGIES CO., LTD.	12/08/2015	4057747	22155165.8	
4057952	Ottobock SE & Co. KGaA	04/11/2020	4057952	20801245.0	French
4058870	Meta Platforms Technologies, LLC	15/10/2020	4058870	20801116.3	
4059243	InterDigital Patent Holdings, Inc.	13/11/2020	4059243	20823991.3	
4059384	Retail Space Solutions LLC	16/03/2022	4059384	22162562.7	
4059412	Huawei Technologies Co., Ltd.	31/10/2020	4059412	20904884.2	
4059448	Wright Medical Technology, Inc.	24/02/2022	4059448	22158462.6	German
4059815	Ford Global Technologies, LLC	19/03/2021	4059815	21163761.6	
4060137	Manufacture Sud Bourgogne	15/03/2022	4060137	22162206.1	
4060388	Cognifiber Ltd.	15/03/2022	4060388	22162065.1	
4060462	Magic Leap, Inc.	18/05/2017	4060462	22171762.2	
4060670	Murata Manufacturing Co., Ltd.	17/02/2022	4060670	22157204.3	French
4060701	LG Energy Solution, Ltd.	23/09/2021	4060701	21892122.9	
4060901	INTEL Corporation	19/01/2022	4060901	22152189.1	
4061115	ENDOFRUIT S.R.L.	03/11/2020	4061115	20811730.9	
4061159	JT International SA	18/11/2020	4061159	20804606.0	
4061251	Cilag GmbH International	29/11/2021	4061251	21819594.9	German
4061903	Covestro Deutschland AG	16/11/2020	4061903	20803865.3	
4062343	Google LLC	22/01/2020	4062343	20708282.7	
4062559	Viasat, Inc.	04/12/2020	4062559	20834030.7	
4062697	ZTE Corporation	18/11/2019	4062697	19953641.8	
4062866	Medit Corp.	24/12/2020	4062866	20907029.1	French
4063160	Suzuki Motor Corporation	16/03/2022	4063160	22162484.4	
4063315	Hamamatsu Photonics K.K.	16/09/2020	4063315	20890701.4	
4063392	China Medical University Hospital	22/03/2022	4063392	22163473.6	
4064272	YAMAHA CORPORATION	02/11/2020	4064272	20890153.8	
4064579	STMicroelectronics (Rousset) SAS	22/03/2022	4064579	22163440.5	German
4064778	Huawei Technologies Co., Ltd.	31/12/2019	4064778	19958569.6	
4065041	Edwards Lifesciences Corporation	13/01/2021	4065041	21705703.3	
4065326	HUSQVARNA AB	25/11/2020	4065326	20891593.4	
4065451	Italtractor ITM S.p.A.	27/11/2020	4065451	20829344.9	
4066279	International Business Machines Corporation	24/11/2020	4066279	20812026.1	French
4066558	QUALCOMM INCORPORATED	09/11/2020	4066558	20817153.8	
4066893	Takeda Pharmaceutical Company Limited	26/11/2020	4066893	20891800.3	
4066914	ACLARIS GmbH, Lindau	18/01/2022	4066914	22151923.4	
4066936	Zweigniederlassung Rebstein	28/03/2022	4066936	22164651.6	
4067092	Palo Alto Research Center Incorporated	07/03/2022	4067092	22160570.2	German
4067352	CANON KABUSHIKI KAISHA	26/11/2020	4067352	20893299.6	
4067408	Benobio Co., Ltd.	26/11/2020	4067408	20892648.5	
4067817	Unitika Ltd.	10/11/2020	4067817	20892441.5	
4067817	Cognitive Medical Imaging Ltd.	26/11/2020	4067817	20892441.5	
4067843	Institute of Biophysics Chinese Academy of Sciences	09/02/2021	4067843	21754650.6	French
4068111	Hamamatsu Photonics K.K.	04/12/2020	4068111	20907053.1	
4068425	Huawei Technologies Co., Ltd.	10/09/2021	4068425	21869641.7	
4068440	LG Energy Solution, Ltd.	27/11/2020	4068440	20893204.6	
4069173	Kolon Industries, Inc.	27/11/2020	4069173	20824985.4	
4069341	Medtrade Products Limited	04/12/2020	4069341	20825163.7	German
4069341	Almac Clinical Services Limited	27/11/2020	4069341	21760046.9	
4069343	NOVARESP TECHNOLOGIES INC.	26/02/2021	4069343	20897168.9	
4069396	Evolve Biologics Inc.	04/12/2020	4069396	20851317.6	
4069788	Windmöller & Hölscher KG	01/12/2020	4069788	20851317.6	

4069796	ExxonMobil Technology and Engineering Company	10/11/2020	4069796	20820610.2	
4070257	Microsoft Technology Licensing, LLC	04/12/2020	4070257	20830037.6	
4070582	ZTE Corporation	31/07/2020	4070582	20947033.5	
4071041	DONGGUAN POWERAMP TECHNOLOGY LIMITED	21/03/2022	4071041	22163389.4	
4071156	Samsung Display Co., Ltd. Solus Advanced Materials Co., Ltd.	29/03/2022	4071156	22165181.3	
4071452	LG Energy Solution, Ltd.	08/12/2020	4071452	20939258.8	
4071591	Huawei Technologies Co. Ltd.	01/12/2020	4071591	20907408.7	
4071966	Huawei Digital Power Technologies Co., Ltd.	28/08/2020	4071966	20909921.7	
4072067	ViaSat, Inc.	16/08/2017	4072067	22169918.4	
4073568	Google LLC	13/12/2019	4073568	19842444.2	
4073601	Qlar Europe GmbH	10/12/2020	4073601	20824913.6	German
4074061	Telecom Italia S.p.A.	10/12/2020	4074061	20820419.8	
4074663	Korea University Research and Business Foundation	21/03/2022	4074663	22163130.2	
4075324	Huawei Technologies Co., Ltd.	30/07/2020	4075324	20914749.5	
4075414	LG Electronics Inc.	13/12/2019	4075414	19955562.4	
4075506	Pyxalis	12/04/2022	4075506	22167901.2	French
4075512	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	28/05/2021	4075512	21811889.1	
4075676	Google LLC	26/09/2019	4075676	22177665.1	
4075781	Huawei Technologies Co., Ltd.	16/11/2020	4075781	20911551.8	
4075880	Huawei Technologies Co., Ltd.	31/12/2019	4075880	19958082.0	
4075916	Samsung Electronics Co., Ltd.	05/01/2021	4075916	21738649.9	
4076215	Medos International Sarl	17/12/2020	4076215	20839270.4	
4076331	ATEK	21/12/2020	4076331	20851287.1	French
4077160	Société des Produits Nestlé S.A.	16/12/2020	4077160	20829580.8	
4077191	Otis Elevator Company	08/12/2020	4077191	20824883.1	
4077573	3M Innovative Properties Company	11/12/2020	4077573	20838609.4	
4077782	Pirelli Tyre S.p.A.	16/12/2020	4077782	20838616.9	
4077880	Safran Aero Boosters SA	18/12/2020	4077880	20829924.8	French
4077975	Kuster North America, Inc.	18/12/2020	4077975	20902535.2	
4078215	Lambda: 4 Entwicklungen GmbH	03/11/2021	4078215	21805938.4	German
4078522	Dassault Systèmes	18/12/2020	4078522	20848716.5	French
4078823	Sew-Eurodrive GmbH & Co. KG	11/11/2020	4078823	20808017.6	German
4078826	Ofinno, LLC	22/12/2021	4078826	21847863.4	
4078907	Huawei Technologies Co., Ltd.	08/12/2020	4078907	20904136.7	
4078959	Shadow	16/12/2020	4078959	20845590.7	French
4079061	InterDigital Patent Holdings, Inc.	18/12/2020	4079061	20845467.8	
4079434	Chongqing University	03/09/2021	4079434	21194915.1	
4079452	Robert Bosch GmbH	10/08/2017	4079452	22160811.0	German
4079675	J. Schmalz GmbH	14/04/2022	4079675	22168470.7	German
4079902	POSCO	25/11/2020	4079902	20903825.6	
4079964	Drewsen Spezialpapiere GmbH & Co. KG	21/04/2021	4079964	21169546.5	German
4080230	LG ENERGY SOLUTION, LTD.	23/09/2021	4080230	21877888.4	
4080309	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	24/12/2020	4080309	20905092.1	
4080391	InfoKeyVault Technology Co., Ltd.	19/04/2022	4080391	22168873.2	
4080829	Huawei Technologies Co., Ltd.	22/01/2021	4080829	21744328.2	
4080945	Panasonic Intellectual Property Corporation of America	19/04/2018	4080945	22178799.7	
4080965	Huawei Technologies Co., Ltd.	08/01/2021	4080965	21738399.1	
4080969	QUALCOMM Incorporated	25/04/2018	4080969	22177406.0	
4080972	Huawei Technologies Co., Ltd.	13/01/2020	4080972	20913142.4	
4081435	Five AI Limited	18/02/2021	4081435	21707200.8	
4081503	Indena S.p.A.	21/12/2020	4081503	20838517.9	
4081516	Bristol-Myers Squibb Company	22/12/2020	4081516	20845304.3	
4081720	Muvig S.r.l.	24/12/2020	4081720	20845231.8	

4081907	Blanco Technology Group IP Oy	28/01/2021	4081907	21702448.8	
4082280	Sony Group Corporation	26/01/2021	4082280	21701151.9	
4082465	Lumenis Ltd.	06/06/2017	4082465	22157432.0	
4082466	Intuitive Surgical Operations, Inc.	27/10/2015	4082466	22178252.7	
4082825	TOYOTA JIDOSHA KABUSHIKI KAISHA	27/04/2022	4082825	22170230.1	
4083070	The University of Osaka Tosoh Corporation	23/12/2020	4083070	20908316.1	
4083302	Qingdao Haier Washing Machine Co., Ltd. Haier Smart Home Co., Ltd.	24/12/2020	4083302	20905301.6	
4083472	KUBOTA CORPORATION	22/12/2020	4083472	20905714.0	
4083644	LG Energy Solution, Ltd.	29/06/2021	4083644	21872673.5	
4083837	HUAWEI TECHNOLOGIES CO., LTD.	14/01/2020	4083837	20913793.4	
4083905	Samsung Electronics Co., Ltd.	05/04/2022	4083905	22166690.2	
4083945	Waysis B.V.	25/04/2022	4083945	22169680.0	
4084133	Ningde Amperex Technology Limited	26/12/2019	4084133	19946252.4	
4084440	Juniper Networks, Inc.	27/03/2019	4084440	22178457.2	
4084716	Biosense Webster (Israel) Ltd.	29/01/2020	4084716	20708608.3	
4084732	Solventum Intellectual Properties Company	23/12/2020	4084732	20909203.0	
4084992	Bambino Prezioso Switzerland AG	30/12/2020	4084992	20839396.7	
4085171	Maurer Engineering GmbH	29/01/2021	4085171	21702651.7	German
4085228	Moog Inc.	25/02/2021	4085228	21795729.9	
4085402	Vulog	29/12/2020	4085402	20845572.5	French
4085527	Quantified Energy Labs Pte. Ltd.	30/12/2020	4085527	20910164.1	
4085580	Huawei Technologies Co. Ltd.	14/12/2020	4085580	20838838.9	
4085584	Hughes Network Systems, LLC	21/12/2020	4085584	20838858.7	
4086235	Unilin, BV	04/05/2021	4086235	21172023.0	
4086786	Shenzhen TCL New Technology Co., Ltd	25/08/2020	4086786	20908901.0	
4087360	MediaTek Singapore Pte. Ltd.	29/04/2022	4087360	22170756.5	
4087506	DePuy Synthes Products, Inc.	06/01/2021	4087506	21700231.0	
4088144	BP Corporation North America Inc.	05/01/2021	4088144	21701872.0	
4088328	Kohler Mira Limited	08/01/2021	4088328	21701837.3	
4088501	Cisco Technology, Inc.	31/12/2020	4088501	20849008.6	
4088538	ZTE Corporation	13/02/2020	4088538	20888143.3	
4088667	Boditech Med Inc.	08/04/2022	4088667	22167316.3	
4088755	Plmicromed Co., Ltd.	08/12/2020	4088755	20963742.0	
4088988	Beger, Oliver	06/05/2022	4088988	22171989.1	German
4089288	Volvo Construction Equipment AB	05/05/2022	4089288	22171823.2	
4089477	Huawei Technologies Co., Ltd.	13/01/2021	4089477	21753774.5	
4089509	Rockwell Collins, Inc.	10/05/2022	4089509	22172562.5	
4089606	Mitel Networks Corporation	12/05/2022	4089606	22173078.1	
4089735	United Microelectronics Corp.	18/06/2021	4089735	21180196.4	
4089961	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	13/01/2020	4089961	20913570.6	
4090042	Harman Becker Automotive Systems GmbH	12/05/2021	4090042	21173537.8	
4090064	Huawei Technologies Co., Ltd.	07/02/2021	4090064	21765248.6	
4090115	Samsung Electronics Co., Ltd.	29/04/2022	4090115	22170939.7	
4090220	Axess Vision Technology	12/01/2021	4090220	21719946.2	French
4090411	CareFusion 303, Inc.	12/01/2021	4090411	21704095.5	
4091032	Microsoft Technology Licensing, LLC	17/01/2020	4091032	20707880.9	
4091120	Match Group Americas, LLC	05/01/2021	4091120	21741273.3	
4091738	Go, Dong Keun Go, Myoung Su	28/10/2020	4091738	20913560.7	
4091941	Nipponkayaku Kabushikikaisha	24/12/2020	4091941	20913947.6	
4092336	GD Midea Air-Conditioning Equipment Co., Ltd.	05/11/2020	4092336	20918676.6	
4092346	Naber Holding GmbH & Co. KG	07/04/2022	4092346	22167161.3	German
4092401	A&D Company, Limited	16/01/2020	4092401	20913083.0	
4092573	Zumtobel Lighting GmbH	02/06/2017	4092573	22184847.6	German
4092809	LG Energy Solution, Ltd.	11/06/2021	4092809	21825311.0	
4093310	King's College London	22/01/2021	4093310	21702076.7	

4094032	Perfetto Performance Inc.	25/01/2021	4094032	21774783.1	
4094190	Composecure, LLC	18/01/2021	4094190	21705725.6	
4094477	Telefonaktiebolaget LM Ericsson (publ)	23/01/2020	4094477	20915807.0	
4094658	Techtronic Cordless GP	02/05/2022	4094658	22171072.6	
4094946	Samsung Display Co., Ltd.	08/06/2020	4094946	20921486.5	
4095257	Abbott Molecular Inc.	15/03/2017	4095257	22172393.5	
4095872	Abiomed Europe GmbH	10/11/2020	4095872	22181775.2	
4095879	BSH Hausgeräte GmbH	26/05/2021	4095879	21175845.3	
4096238	Hewlett-Packard Development Company, L.P.	20/05/2022	4096238	22174614.2	
4096348	Huawei Technologies Co., Ltd.	20/02/2020	4096348	20920235.7	
4096748	Becton, Dickinson and Company	27/01/2021	4096748	21706446.8	
4096850	Ferrum Packaging AG	30/01/2020	4096850	20702994.3	German
4096902	Color-Dec Italy S.r.l.	01/02/2021	4096902	21708368.2	
4097113	Samsung Display Co., Ltd.	25/01/2021	4097113	21706484.9	
4097313	Wöhr Autoparksysteme GmbH	28/10/2020	4097313	20800593.4	German
4097563	Samsung Electronics Co., Ltd.	30/06/2021	4097563	21843380.3	
4097813	Eaton Intelligent Power Limited	27/01/2021	4097813	21702590.7	
4097902	Qualcomm Incorporated	28/01/2021	4097902	21706140.7	
4097951	Huawei Technologies Co., Ltd.	04/05/2020	4097951	20724062.3	
4098318	Medtronic Inc.	01/06/2022	4098318	22176710.6	
4098516	thyssenkrupp Presta Aktiengesellschaft	31/05/2021	4098516	21176887.4	German
	thyssenkrupp AG				
4098950	LG Electronics Inc.	16/05/2022	4098950	22173506.1	
4099001	Infineon Technologies AG	01/06/2021	4099001	21177125.8	
4099162	Huawei Technologies Co., Ltd.	24/02/2021	4099162	21760358.8	
4099300	The Boeing Company	16/03/2022	4099300	22162556.9	
4099319	Beijing Baidu Netcom Science Technology Co., Ltd.	07/05/2021	4099319	21912809.7	
4099506	Electric Connector Technology Co. Ltd.	27/05/2022	4099506	22175863.4	
4099666	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	03/03/2021	4099666	21795586.3	
4099773	LG Electronics Inc.	12/04/2021	4099773	21785679.8	
4100232	Windmöller & Hölscher KG	12/02/2021	4100232	21705181.2	German
4100360	thyssenkrupp Uhde GmbH	13/01/2021	4100360	21701682.3	German
	thyssenkrupp AG				
4100503	GRONINGER & CO. GMBH	02/02/2021	4100503	21704200.1	German
4100516	Novozymes A/S	04/02/2021	4100516	21703664.9	
4100874	Berkshire Grey Operating Company, Inc.	04/02/2021	4100874	21707875.7	
4100921	VOLVO TRUCK CORPORATION	04/02/2020	4100921	20704234.2	
4100999	Signify Holding B.V.	01/02/2021	4100999	21703012.1	
4101140	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	04/02/2020	4101140	20708703.2	
4101459	Korea Institute of Science and Technology	02/06/2022	4101459	22177062.1	
4101608	Panasonic Intellectual Property Management Co., Ltd.	19/11/2020	4101608	20917734.4	
4102032	PRATT & WHITNEY CANADA CORP.	13/06/2022	4102032	22178750.0	
4102313	Siemens Aktiengesellschaft	11/06/2021	4102313	21178899.7	
4102612	Vehicle Energy Japan Inc.	18/09/2020	4102612	20918101.5	
4102645	Trimble Inc.	02/06/2022	4102645	22177037.3	
4102659	Schneider Electric Industries SAS	07/06/2022	4102659	22177541.4	French
4102660	Komax Holding AG	07/06/2022	4102660	22177528.1	
4102807	Huawei Technologies Co. Ltd.	24/04/2019	4102807	22169882.2	
4102813	Atos Public Safety LLC	08/06/2021	4102813	21178335.2	
4102893	Google LLC	23/09/2019	4102893	22187418.3	
4103091	Medical Microinstruments, Inc.	10/02/2021	4103091	21704957.6	
4103260	Becton, Dickinson and Company	10/02/2021	4103260	21710665.7	
4103288	Symrise AG	09/12/2021	4103288	21830679.3	
4104239	VALEO SYSTEMES THERMIQUES	11/02/2021	4104239	21708723.8	French
4104555	QUALCOMM INCORPORATED	10/02/2021	4104555	21709842.5	
4104624	QUALCOMM INCORPORATED	08/12/2020	4104624	20830454.3	
4104799	Discoseal BV	16/06/2021	4104799	21179868.1	

4104962	Rolls-Royce plc	07/06/2022	4104962	22177421.9	
4105294	NOK Corporation	03/02/2021	4105294	21754647.2	
4105478	General Electric Renovables España S.L.	15/06/2021	4105478	21382531.8	
4105529	MAGENTA GmbH Mechatronische und Kinematische Systeme	08/06/2022	4105529	22177916.8	German
4105591	KNDS France	15/06/2022	4105591	22179317.7	French
4105738	ETA SA Manufacture Horlogère Suisse	14/06/2021	4105738	21179307.0	French
4105748	GE Aviation Systems LLC	01/06/2022	4105748	22176717.1	
4105881	FUJIFILM Corporation	05/02/2021	4105881	21754469.1	
4105959	General Electric Technology GmbH	16/06/2021	4105959	21179831.9	
4106309	Huawei Technologies Co., Ltd.	02/02/2021	4106309	21767490.2	
4106480	Huawei Technologies Co., Ltd.	30/10/2020	4106480	20923470.7	
4107324	24 Pesula Oy	19/02/2021	4107324	21708715.4	
4107465	KNDS Deutschland GmbH & Co. KG	18/02/2021	4107465	21706563.0	German
4108140	Tetra Laval Holdings & Finance S.A.	20/06/2022	4108140	22179811.9	
4108274	Medtronic MiniMed, Inc.	20/06/2022	4108274	22179824.2	
4108303	Yamabiko Corporation	08/02/2021	4108303	21842108.9	
4108462	STMicroelectronics S.r.l.	20/06/2022	4108462	22179954.7	
4108477	BRIDGESTONE CORPORATION	16/02/2021	4108477	21756892.2	
4108520	Autoliv Development AB	23/06/2021	4108520	21181199.7	
4108896	PRATT & WHITNEY CANADA CORP.	22/06/2022	4108896	22180538.5	
4108922	Copeland Europe GmbH	23/06/2021	4108922	21181137.7	
4108924	Copeland Europe GmbH	23/06/2021	4108924	21181151.8	
4109083	The 59th Institute of China Ordnance Industry	24/06/2022	4109083	22181095.5	
4109088	RTX Corporation	21/06/2022	4109088	22180241.6	
4109680	SITECO GmbH	23/06/2021	4109680	21181249.0	German
4109804	Samsung Electronics Co., Ltd.	03/04/2017	4109804	22176535.7	
4109847	Juniper Networks, Inc.	08/06/2022	4109847	22177871.5	
4109922	Huawei Technologies Co., Ltd.	03/03/2021	4109922	21772414.5	
4109929	Sivantos Pte. Ltd.	13/06/2022	4109929	22178700.5	German
4110018	Tridonic GmbH & Co KG	24/06/2021	4110018	21181352.2	
4110200	Xeltis AG	24/02/2021	4110200	21709628.8	
4110453	Siemens Healthcare Diagnostics Inc.	23/02/2021	4110453	21761383.5	
4110635	Bendix Commercial Vehicle Systems LLC	23/02/2021	4110635	21761881.8	
4111078	John Crane UK Ltd.	24/02/2021	4111078	21710031.2	
4111188	UNIVERSIDAD ROVIRA I VIRGILI (URV)	19/01/2021	4111188	21702382.9	
4111673	Samsung Electronics Co., Ltd.	06/04/2021	4111673	21784621.1	
4112106	TERUMO Kabushiki Kaisha	10/03/2021	4112106	21776053.7	
4112160	Institut für Bioprozess- und Analysenmesstechnik e.V.	13/06/2022	4112160	22178647.8	German
4112284	Aesculap AG	21/06/2022	4112284	22180094.9	German
4112610	Changzhou Tronly Advanced Electronic Materials Co., Ltd.	16/03/2021	4112610	21780711.4	
	Changzhou Tronly New Electronic Materials Co., Ltd				
4112846	enovation GmbH	03/12/2021	4112846	22186630.4	German
4112908	ANSALDO ENERGIA S.p.A.	30/06/2021	4112908	21425031.8	
4112920	LM Wind Power Blades S.A.S.	28/06/2021	4112920	21181980.0	
	LM Wind Power A/S				
4112922	LM Wind Power A/S	30/06/2021	4112922	21182798.5	
4113148	Siemens Healthineers AG	29/06/2021	4113148	21182299.4	
4113161	SICK AG	08/06/2022	4113161	22177874.9	German
4113230	Tetra Laval Holdings & Finance S.A.	30/06/2021	4113230	21182713.4	
4113257	Honeywell International Inc.	29/05/2020	4113257	22190801.5	
4113334	Nect GmbH	29/06/2021	4113334	21182502.1	
4113444	Siemens Healthineers AG	29/06/2021	4113444	21182224.2	German
4113465	Tobii AB	22/06/2022	4113465	22180397.6	
4113563	General Electric Technology GmbH	03/06/2022	4113563	22177320.3	
4113620	Samsung Display Co., Ltd.	29/06/2022	4113620	22181862.8	
4113696	LG Energy Solution, Ltd.	22/12/2021	4113696	21926921.4	

4114007	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	12/03/2018	4114007	22190158.0	
4114038	LG Display Co., Ltd.	24/06/2022	4114038	22180900.7	
4114044	Petal Cloud Technology Co., Ltd.	23/03/2021	4114044	21776997.5	
4114123	QUALCOMM Incorporated	07/10/2020	4114123	22190864.3	
4114275	Marshall Venture Partners LLC	02/04/2021	4114275	21756858.3	
4114590	TRUMPF Maschinen Austria GmbH & Co. KG.	02/03/2021	4114590	21714799.0	German
4114715	Stellantis Auto SAS	18/02/2021	4114715	21710545.1	French
4115767	Oase GmbH	24/05/2022	4115767	22175012.8	German
4116074	Nora Systems GmbH	15/06/2022	4116074	22179154.4	German
4116724	Transportation IP Holdings, LLC	29/06/2022	4116724	22181896.6	
4117262	Huawei Technologies Co., Ltd.	12/03/2021	4117262	21781510.9	
4117514	Koninklijke Philips N.V.	01/03/2021	4117514	21708992.9	
4117988	Aquatech Innovation	10/03/2021	4117988	21710007.2	French
4118307	Schlegel, Peer	11/03/2021	4118307	21727349.9	German
4118374	Velan Inc.	12/03/2021	4118374	21767847.3	
4118814	Beijing RuisiZhixin Technology Co., Ltd. Alpsentek GmbH	24/06/2021	4118814	21734854.9	
4118841	Austrian Audio GmbH	05/03/2021	4118841	21709687.4	German
4118878	QUALCOMM INCORPORATED	01/03/2021	4118878	21714054.0	
4119186	SceneRay Co., Ltd.	06/11/2020	4119186	20939168.9	
4119511	AGC INC.	04/03/2021	4119511	21767358.1	
4120083	STMicroelectronics Application GmbH STMicroelectronics International N.V.	28/06/2022	4120083	22181460.1	
4120222	Honeywell International Inc.	30/06/2022	4120222	22182230.7	
4121532	The Broad Institute, Inc. President And Fellows Of Harvard College MASSACHUSETTS INSTITUTE OF TECHNOLOGY The General Hospital Corporation	17/03/2021	4121532	21771038.3	
4122082	Valeo Electrification	02/03/2021	4122082	21708011.8	French
4122350	Nike Innovate C.V.	25/05/2016	4122350	22195849.9	
4123673	Murata Manufacturing Co., Ltd.	18/05/2021	4123673	21814542.3	
4123736	SFC Co., Ltd.	18/03/2021	4123736	21771870.9	
4123737	SFC Co., Ltd.	19/03/2021	4123737	21772165.3	
4123741	Samsung Display Co., Ltd.	30/06/2022	4123741	22182343.8	
4123970	HEMA (CHINA) CO., LTD.	09/03/2021	4123970	21770512.8	
4123974	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	15/04/2021	4123974	21795955.0	
4124003	Honor Device Co., Ltd.	11/01/2022	4124003	22761344.5	
4124063	Huawei Technologies Co., Ltd.	31/03/2021	4124063	21795846.1	
4124557	Lingbei Motor Technology (Shanghai) Co., Ltd.	03/05/2022	4124557	22171477.7	
4124787	SISTO Armaturen S.A.	20/06/2022	4124787	22179941.4	German
4125145	W. L. Gore & Associates, Inc. W.L. Gore & Associates G.K.	15/06/2018	4125145	22194219.6	
4125519	Kimberly-Clark Worldwide, Inc.	27/03/2020	4125519	20927550.2	
4125912	R.G.C.C. Holdings AG	23/03/2021	4125912	21713950.0	
4126088	CollPlant Ltd.	22/03/2021	4126088	21776713.6	
4126120	SANOFI	31/03/2021	4126120	21714244.7	
4127121	Rohm and Haas Company Union Carbide Corporation	17/03/2021	4127121	21718285.6	
4127508	Advanced Suspension Technology LLC	26/03/2021	4127508	21719493.5	
4128259	Cilag GmbH International	11/04/2022	4128259	22718795.2	
4128647	THALES DIS FRANCE SAS	16/03/2021	4128647	21711878.5	
4128715	ZF CV Systems Global GmbH	22/03/2021	4128715	21715170.3	German
4128890	Huawei Technologies Co. Ltd.	15/04/2021	4128890	21788966.6	
4128908	Sony Group Corporation	05/03/2021	4128908	21709032.3	
4128909	SAFRAN	15/03/2021	4128909	21711251.5	French
4128971	Qualcomm Incorporated	23/03/2020	4128971	20926836.6	
4129145	KingClean Electric Co., Ltd.	22/12/2020	4129145	20929566.6	

4129195	FUJIFILM Corporation	05/03/2021	4129195	21775874.7	
4129512	Deartech Machine Tool (Suzhou) Corp., Ltd.	18/11/2021	4129512	21905430.1	
4129811	Rollersafe AS	26/02/2020	4129811	22191388.2	German
4129821	Losch Airport Equipment GmbH	02/05/2022	4129821	22171114.6	
4130080	Denka Company Limited	22/03/2021	4130080	21776849.8	
4130381	Nichireki Co., Ltd.	30/03/2021	4130381	21780373.3	
4130504	Astemo, Ltd.	27/11/2020	4130504	20928497.5	
4130619	QINGDAO HAIER REFRIGERATOR CO., LTD	05/02/2021	4130619	21779261.3	
	HAIER SMART HOME CO., LTD.				
4130984	Honor Device Co., Ltd.	15/06/2022	4130984	22793618.4	
4131521	Toyota Shatai Kabushiki Kaisha	02/12/2020	4131521	20928049.4	
4131707	LG Innotek Co., Ltd.	26/03/2021	4131707	21776470.3	
4131780	NXP B.V.	06/08/2021	4131780	21306104.7	
4131915	Toshiba TEC Kabushiki Kaisha	26/07/2022	4131915	22186926.6	
4131978	Huawei Technologies Co., Ltd.	23/04/2021	4131978	21796220.8	
4132112	Huawei Technologies Co., Ltd.	26/04/2021	4132112	21795281.1	
4133641	Apple Inc.	08/04/2020	4133641	20929887.6	
4133796	Gogo Business Aviation LLC	08/04/2021	4133796	21720938.6	
4134247	The Yokohama Rubber Co., Ltd.	24/03/2021	4134247	21783802.8	
4134364	Celgene Quanticel Research, Inc.	17/10/2014	4134364	22197951.1	
4134408	LG Energy Solution, Ltd.	02/04/2021	4134408	21785670.7	
4134751	UI Technologies, Inc.	03/06/2016	4134751	22196278.0	
4134949	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	30/04/2020	4134949	20933541.3	
4135227	Huawei Technologies Co., Ltd.	08/01/2021	4135227	21800856.3	
4135305	Huawei Technologies Co., Ltd.	21/04/2021	4135305	21796304.0	
4135422	Samsung Electronics Co., Ltd.	27/04/2021	4135422	21795582.2	
4136828	Cisco Technology, Inc.	13/04/2021	4136828	21723076.2	
4137025	Vorwerk & Co. Interholding GmbH	19/08/2021	4137025	21192054.1	German
4137038	Tobii AB	11/09/2017	4137038	22200400.4	
4137047	F. Hoffmann-La Roche AG	18/08/2021	4137047	21191816.4	
4137812	Bio-Rad Laboratories, Inc.	14/03/2014	4137812	22201389.8	
4137956	Sanechips Technology Co., Ltd.	16/04/2021	4137956	21788235.6	
4138424	Huawei Technologies Co., Ltd.	11/05/2021	4138424	21805004.5	
4138456	Beijing Xiaomi Mobile Software Co., Ltd.	10/11/2017	4138456	22200616.5	
4138533	Samsung Electronics Co., Ltd.	12/03/2021	4138533	21787685.3	
4138657	Covidien LP	20/04/2021	4138657	21724126.4	
4138675	Region Sjælland	19/04/2021	4138675	21720242.3	
4138752	Essity Hygiene and Health Aktiebolag	20/04/2020	4138752	20932542.2	
4140025	Tridonic GmbH & Co KG	05/06/2020	4140025	20939037.6	
4140251	Nokia Technologies Oy	23/04/2020	4140251	20932833.5	
4140398	ResMed Sensor Technologies Limited	19/09/2017	4140398	22189425.6	
4140593	SMS group GmbH	18/08/2022	4140593	22190904.7	German
4140931	Otis Elevator Company	23/08/2021	4140931	21382775.1	
4141607	AL-KO Geräte GmbH	25/07/2022	4141607	22186627.0	German
4141740	Covidien LP	23/08/2022	4141740	22191672.9	
4141834	Sony Group Corporation	22/06/2022	4141834	22180308.3	
4142009	LG Energy Solution, Ltd.	21/03/2022	4142009	22791896.8	
4142266	Huawei Technologies Co., Ltd.	24/08/2022	4142266	22191836.0	
4142349	Vivo Mobile Communication Co., Ltd.	23/04/2021	4142349	21791931.5	
4142496	BASF SE	15/04/2021	4142496	21718126.2	
4142819	Fresenius Medical Care Holdings, Inc.	16/02/2021	4142819	21717258.4	
4143229	NGM Biopharmaceuticals, Inc.	29/04/2021	4143229	21726775.6	
4144010	Huawei Technologies Co., Ltd.	27/04/2021	4144010	21726491.0	
4144075	Huawei Technologies Co., Ltd.	04/12/2020	4144075	20820377.8	
4144303	Applied Medical Resources Corporation	14/03/2014	4144303	22203464.7	
4144622	MCMURTRY AUTOMOTIVE LIMITED	16/10/2020	4144622	22196502.3	
4144672	Daifuku Co., Ltd.	31/08/2022	4144672	22193261.9	

4144909	Chongqing Haier Roller Washing Machine Co., Ltd.	22/06/2021	4144909	21849104.1	
	Haier Smart Home Co., Ltd.				
4145021	TOYOTA JIDOSHA KABUSHIKI KAISHA	10/08/2022	4145021	22189672.3	
4145147	Hamilton Sundstrand Corporation	17/08/2022	4145147	22190814.8	
4145153	Huawei Digital Power Technologies Co., Ltd.	23/04/2021	4145153	21850753.1	
4145509	Huawei Technologies Co., Ltd.	13/05/2021	4145509	21813902.0	
4145646	Huawei Technologies Co., Ltd.	04/01/2021	4145646	21808632.0	
4145949	Samsung Electronics Co., Ltd.	21/06/2019	4145949	22204404.2	
4145960	Centre d'Etudes et d'Expertise sur les Risques l'Environnement la mobilite et l'Amenagement	01/09/2022	4145960	22193530.7	French
4146171	The Texas A&M University System William Marsh Rice University The Trustees of Indiana University	07/06/2021	4146171	21822854.2	
4146308	APTAR France SAS	03/05/2021	4146308	21732415.1	French
4146518	Globe (Jiangsu) Co., Ltd.	09/06/2021	4146518	21821210.8	
4146736	INEOS Styrolution Group GmbH	03/05/2021	4146736	21723228.9	German
4146901	ConocoPhillips Company	04/05/2021	4146901	21800043.8	
4147528	Sony Group Corporation	22/06/2021	4147528	21829935.2	
4147764	Samsung Electronics Co., Ltd.	21/04/2021	4147764	21826513.0	
4147965	Rohr, Inc.	13/09/2022	4147965	22195295.5	
4148834	LG Energy Solution, Ltd.	17/11/2021	4148834	21898476.3	
4149121	Sivantos Pte. Ltd.	17/08/2022	4149121	22190784.3	German
4149222	Honor Device Co., Ltd.	28/04/2022	4149222	22768597.1	
4149321	LEONARDO S.r.l.	29/04/2021	4149321	21727224.4	
4149917	Merck Sharp & Dohme LLC	07/05/2021	4149917	21803987.3	
4150363	THALES	04/05/2021	4150363	21722254.6	French
4150370	Robert Bosch GmbH	11/05/2021	4150370	21725155.2	German
4150804	Lenovo (Singapore) Pte. Ltd.	07/05/2021	4150804	21725269.1	
4150842	Qualcomm Incorporated	14/05/2021	4150842	21730065.6	
4150890	Telefonaktiebolaget LM Ericsson (publ)	29/09/2020	4150890	20781519.2	
4151390	Imec VZW Universiteit Gent	21/09/2021	4151390	21198107.1	
4151430	Sumitomo Rubber Industries, Ltd.	04/06/2021	4151430	21829413.0	
4151479	ADVICS CO., LTD. TOYOTA JIDOSHA KABUSHIKI KAISHA	03/08/2022	4151479	22188458.8	
4151578	Otis Elevator Company	25/10/2019	4151578	22203147.8	
4152622	NXP B.V.	17/09/2021	4152622	21306286.2	
4152808	Huawei Technologies Co., Ltd.	18/05/2018	4152808	22189491.8	
4152821	Huawei Technologies Co., Ltd.	27/02/2021	4152821	21817557.8	
4152826	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	22/10/2020	4152826	20958226.1	
4152982	Juul Labs, Inc.	21/05/2021	4152982	21734586.7	
4154181	Smart Packaging Solutions	19/05/2021	4154181	21734179.1	French
4154241	ioSeal	19/05/2021	4154241	21734387.0	French
4154551	Eyegauge	14/05/2021	4154551	21732965.5	French
4154739	Imperial Tobacco Limited	27/09/2021	4154739	21199156.7	
4155293	The Regents of The University of Michigan	07/06/2019	4155293	22205619.4	
4155904	Siemens Ltd., China	30/06/2020	4155904	20942794.7	
4156180	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	09/06/2016	4156180	22206207.7	
4156325	Prologium Technology Co., Ltd. Prologium Holding Inc.	11/08/2022	4156325	22189884.4	
4156359	LG Energy Solution, Ltd.	15/02/2022	4156359	22759966.9	
4156464	LG Electronics Inc.	27/01/2021	4156464	21808959.7	
4156725	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	15/09/2020	4156725	20953530.1	
4156753	LG Electronics Inc.	06/10/2020	4156753	20937054.3	

4156754	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	01/06/2020	4156754	20939421.2	
4156813	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	13/06/2020	4156813	20939588.8	
4157215	Athenion AG	01/06/2021	4157215	21730469.0	
4157247	Novabiotics Limited	25/05/2021	4157247	21731565.4	
4157390	Gambro Lundia AB	01/06/2021	4157390	21733724.5	
4157470	Peloton Interactive, Inc.	27/05/2021	4157470	21733673.4	
4157594	Dürr Systems AG	10/05/2021	4157594	21726575.0	German
4157595	Monotony.AI, Inc.	27/05/2021	4157595	21733670.0	
4157676	MIM Construction AB	24/05/2021	4157676	21727876.1	
4158152	Saudi Arabian Oil Company	06/08/2020	4158152	20754392.7	
4158213	Maschio Gaspardo S.p.A.	28/05/2021	4158213	21733545.4	
4158486	Netlist, Inc.	01/06/2021	4158486	21812705.8	
4158624	Dolby International AB	31/05/2021	4158624	21727498.4	
4158783	Microsoft Technology Licensing, LLC	13/05/2021	4158783	21727982.7	
4159118	Commissariat à l'Energie Atomique et aux Energies Alternatives	28/09/2022	4159118	22198522.9	French
4160027	QINGDAO ACME INNOVATION TECHNOLOGY CO., LTD.	10/08/2021	4160027	21888229.8	
4160138	JFE Steel Corporation	20/04/2021	4160138	21851086.5	
4160791	Panasonic Energy Co., Ltd.	12/05/2021	4160791	21814367.5	
4161325	WEADD, LDA	17/12/2020	4161325	20829386.0	
4161605	Baxter International Inc. BAXTER HEALTHCARE SA	03/06/2021	4161605	21736105.4	
4162163	Copeland LP	03/06/2021	4162163	21736089.0	
4162309	Dolby Laboratories Licensing Corporation	03/06/2021	4162309	21734261.7	
4162362	Samsung Electronics Co., Ltd.	25/06/2021	4162362	21828597.1	
4162668	Capital One Services, LLC	03/06/2021	4162668	21817385.4	
4162975	Osyka Medical GmbH	23/10/2020	4162975	22208459.2	
4162990	Alfonso, Alexander	05/10/2021	4162990	21200914.6	German
4163018	Shenzhen Smoore Technology Limited	06/10/2022	4163018	22200005.1	
4163220	Klümper, Thomas	07/10/2022	4163220	22200292.5	German
4163504	Grote, Daniel	05/09/2022	4163504	22193879.8	German
4163647	Korea Testing Laboratory	02/03/2022	4163647	22159594.5	
4164924	Auto-Kabel Management GmbH	31/05/2021	4164924	21731063.0	German
4165277	Reelwell AS	16/06/2021	4165277	21742880.4	
4165304	VESTAS WIND SYSTEMS A/S	15/06/2021	4165304	21735852.2	
4165392	Cytiva Sweden AB	10/06/2021	4165392	21733413.5	
4165456	Leica Microsystems CMS GmbH	11/06/2021	4165456	21733919.1	German
4165502	Siemens Aktiengesellschaft	11/08/2021	4165502	21762426.1	German
4165877	Dolby Laboratories Licensing Corporation	16/06/2021	4165877	21736933.9	
4166165	Blue Ocean Robotics Aps	07/10/2022	4166165	22200249.5	
4166401	KNORR-BREMSE Systeme für Schienenfahrzeuge GmbH	13/10/2021	4166401	21202482.2	
4166495	Wayne Fueling Systems LLC	13/04/2015	4166495	22207212.6	
4166653	Université Claude Bernard Lyon 1 Centre National de la Recherche Scientifique	15/12/2016	4166653	22212642.7	French
4166676	National Institute Of Advanced Industrial Science and Technology	11/06/2021	4166676	21821235.5	
4166991	JEOL Ltd.	10/10/2022	4166991	22200662.9	
4167303	LG Innotek Co., Ltd.	08/06/2021	4167303	21822152.1	
4167844	Covidien LP	17/06/2021	4167844	21746591.3	
4168001	The Board of Trustees of the Leland Stanford Junior University	17/06/2021	4168001	21825557.8	
4168285	HARTING Electric Stiftung & Co. KG	11/06/2021	4168285	21739543.3	German
4168585	Mikrogen GmbH	18/06/2021	4168585	21734113.0	
4168657	MAN Truck & Bus SE	02/06/2021	4168657	21731085.3	German
4168756	Ceva Santé Animale	18/06/2021	4168756	21734326.8	French
4169316	QUALCOMM INCORPORATED	21/06/2021	4169316	21740406.0	

4169417	Chennaux, Alain	21/10/2022	4169417	22202888.8	French
	Chennaux, Odile				
4169457	Ethicon LLC	26/03/2015	4169457	22195367.2	
4169471	Tencent Technology (Shenzhen) Company Limited	08/06/2021	4169471	21846816.3	
4169836	Wing Aviation LLC	17/04/2019	4169836	22213770.5	
4169917	Institute of Materia Medica, Chinese Academy of Medical Sciences	26/12/2017	4169917	22213583.2	
4169918	Institute of Materia Medica, Chinese Academy of Medical Sciences	26/12/2017	4169918	22213594.9	
4171011	Samsung Electronics Co., Ltd.	15/06/2021	4171011	21838021.0	
4171153	Samsung Electronics Co., Ltd.	19/10/2022	4171153	22202589.2	
4171431	Bard Peripheral Vascular, Inc.	24/06/2020	4171431	20737850.6	
4171727	BIOTRONIK SE & Co. KG	18/06/2021	4171727	21733984.5	
4171780	Metso Finland Oy	30/06/2020	4171780	20942619.6	
4171856	Festool GmbH	23/06/2021	4171856	21735672.4	
4171970	Bridgestone Americas Tire Operations, LLC	15/06/2021	4171970	21832221.2	
4171999	Stellantis Auto SAS	24/06/2021	4171999	21746071.6	French
4172011	Hitachi Astemo France	16/06/2021	4172011	21733960.5	French
4172025	Zonzini, Claudio	22/06/2021	4172025	21743574.2	
	Zonzini, Jacopo				
	Zonzini, Arianna				
	Zonzini, Laura				
4172356	HP Health Solutions Germany GmbH	22/06/2021	4172356	21735665.8	German
4172500	Putzmeister Engineering GmbH	07/06/2021	4172500	21731739.5	German
4172510	Lightyear IPCo B.V.	24/06/2021	4172510	21735693.0	
4172575	Micro Motion, Inc.	24/06/2020	4172575	20745351.5	
4172587	Wayne Fueling Systems LLC	29/06/2021	4172587	21759185.8	
4172616	Waters Technologies Corporation	28/06/2021	4172616	21748706.5	
4172617	Cytiva Sweden AB	21/06/2021	4172617	21734131.2	
4172898	The Toro Company	16/06/2021	4172898	21748697.6	
4173016	Eaton Intelligent Power Limited	24/06/2021	4173016	21737365.3	German
4173332	Lenovo (Singapore) Pte. Ltd.	26/06/2021	4173332	21737174.9	
4173854	Pacific Industrial Co., Ltd.	15/09/2021	4173854	21928343.9	
4173898	Autoliv Development AB	28/05/2021	4173898	21834010.7	
4174290	PRATT & WHITNEY CANADA CORP.	31/10/2022	4174290	22204819.1	
4174620	Beijing Xiaomi Mobile Software Co., Ltd.	29/03/2022	4174620	22165117.7	
4175584	Solventum Intellectual Properties Company	16/06/2021	4175584	21732995.2	
4175816	PPG Industries Ohio Inc.	03/05/2021	4175816	21783065.2	
4176238	The University Of Manchester	29/06/2021	4176238	21742165.0	
4176302	InterDigital CE Patent Holdings, SAS	29/06/2021	4176302	21737455.2	
4176750	Showa Glove Co.	02/11/2022	4176750	22205090.8	
4177141	Domino S.r.l.	28/10/2022	4177141	22204476.0	
4177209	Otis Elevator Company	05/11/2021	4177209	21306553.5	
4177442	PRATT & WHITNEY CANADA CORP.	03/11/2022	4177442	22205393.6	
4177535	Zhejiang Prulde Electric Appliance Co., Ltd.	17/08/2021	4177535	21944772.9	
4178058	Samsung Electronics Co., Ltd.	07/11/2022	4178058	22205875.2	
4178320	Miele & Cie. KG	10/10/2022	4178320	22200523.3	German
4178665	Medtronic, Inc.	28/06/2021	4178665	21745588.0	
4179310	Waters Technologies Corporation	25/06/2021	4179310	21745546.8	
4179311	Waters Technologies Corporation	25/06/2021	4179311	21746213.4	
4179949	LG Electronics Inc.	16/11/2022	4179949	22207773.7	
4180164	Jiangyin Xingcheng Special Steel Works Co., Ltd	30/05/2021	4180164	21857276.6	
4180190	The Gillette Company LLC	18/06/2020	4180190	22206375.2	
4180239	Ensta Bretagne	08/11/2022	4180239	22206198.8	French
4180278	Autoliv Development AB	15/06/2021	4180278	21838756.1	
4180789	Rohr, Inc.	11/11/2022	4180789	22207043.5	
4180883	ETA SA Manufacture Horlogère Suisse	16/11/2021	4180883	21208584.9	French
4181299	LG Energy Solution, Ltd.	24/06/2022	4181299	22842318.2	

4181400	Rockwell Collins, Inc.	11/11/2022	4181400	22207019.5	
4181486	Samsung Electronics Co., Ltd.	11/01/2021	4181486	21841835.8	
4182183	Celle, Jean Raveleau, Sylvain Celle, Christophe Celle, Ludovic Celle, Yann	22/09/2021	4182183	21806787.4	French
4182235	NORDEN MACHINERY AB	05/07/2021	4182235	21841231.0	
4182615	Eavor Technologies Inc.	15/07/2020	4182615	20945101.2	
4182703	Endress+Hauser SICK GmbH+Co. KG	24/06/2021	4182703	21734949.7	German
4183491	AQUATICODE LTD.	23/11/2022	4183491	22209058.1	
4183518	HILTI Aktiengesellschaft	17/11/2021	4183518	21208697.9	German
4183724	Packfeeder S.L.U.	21/06/2021	4183724	21749869.0	
4183991	Garrett Transportation I Inc.	08/09/2022	4183991	22194560.3	
4184160	U.E. Systems, Inc.	15/11/2022	4184160	22207429.6	
4186362	Shin-Etsu Chemical Co., Ltd.	24/11/2022	4186362	22209412.0	
4186501	Yale University, Inc.	27/04/2012	4186501	22216809.8	
4186772	Bode - Die Tür GmbH	25/11/2022	4186772	22209533.3	German
4187051	FOSHAN IDEAL CO., LTD.	22/09/2020	4187051	20954365.1	
4187103	Löwenstein Medical Technology S.A.	10/11/2022	4187103	22206659.9	German
4187196	The Goodyear Tire & Rubber Company	20/10/2022	4187196	22202806.0	
4187238	Horeich UG (haftungsbeschränkt)	25/11/2022	4187238	22209544.0	German
4187247	Sony Group Corporation	17/06/2021	4187247	21846215.8	
4187541	Samsung Electronics Co., Ltd.	18/08/2022	4187541	22190969.0	
4188476	Gambro Lundia AB	23/06/2021	4188476	21737582.3	
4188818	Haubner, Alexander	21/06/2021	4188818	21739529.2	German
4189494	Montres Breguet S.A.	30/07/2020	4189494	20749873.4	French
4191241	Biolin Scientific AB	03/12/2021	4191241	21212365.7	
4191364	Huawei Digital Power Technologies Co., Ltd.	27/08/2020	4191364	20950753.2	
4191555	Panasonic Intellectual Property Management Co., Ltd.	16/11/2022	4191555	22207712.5	
4191780	LG Energy Solution, Ltd.	29/09/2021	4191780	21915434.1	
4192065	Vivo Mobile Communication Co., Ltd.	27/07/2021	4192065	21850019.7	
4192196	Tridonic GmbH & Co. KG	06/12/2021	4192196	21212436.6	
4194270	Arity International Limited	08/12/2017	4194270	23154088.1	
4194304	Zenseact AB	08/12/2021	4194304	21213184.1	
4194673	Garrett Transportation I Inc.	28/06/2022	4194673	22181614.3	
4194732	Aliaxis Research & Technology	05/12/2022	4194732	22211310.2	
4194848	The Boeing Company	06/09/2022	4194848	22194050.5	
4195043	Samsung Electronics Co., Ltd.	14/11/2022	4195043	22207329.8	
4195145	The Boeing Company	06/09/2022	4195145	22194051.3	
4195313	LG Energy Solution, Ltd.	05/04/2022	4195313	22804832.8	
4196243	Lummus Technology LLC	12/08/2021	4196243	21858850.7	
4196714	Malema Engineering Corporation	03/08/2021	4196714	21858804.4	
4197231	Telefonaktiebolaget LM Ericsson (publ)	16/08/2021	4197231	21759303.7	
4197666	ElringKlinger AG	12/12/2022	4197666	22212880.3	German
4197713	Samsung Electronics Co., Ltd.	21/06/2022	4197713	22861526.6	
4198263	Rolls-Royce plc	14/11/2022	4198263	22207105.2	
4198304	VESTAS WIND SYSTEMS A/S	14/12/2022	4198304	22213357.1	
4198731	Ab Initio Technology LLC	29/03/2018	4198731	23155765.3	
4199169	LG Energy Solution, Ltd.	02/06/2022	4199169	22816462.0	
4199623	Huawei Technologies Co. Ltd.	16/12/2021	4199623	21919099.8	
4201621	Schöck Bauteile GmbH	21/12/2022	4201621	22215654.9	German
4201801	NAVAL Group	22/12/2022	4201801	22215769.5	French
4202276	Vattenfall AB	21/12/2022	4202276	22215351.2	
4202727	Beijing Zitiao Network Technology Co., Ltd.	15/11/2021	4202727	21893857.9	
4203010	Huawei Technologies Co. Ltd.	15/09/2020	4203010	20953540.0	
4203315	Commissariat à l'Energie Atomique et aux Energies Alternatives	20/12/2022	4203315	22214899.1	French
4203471	Huawei Technologies Co. Ltd.	21/02/2020	4203471	23156741.3	

4203650	LG Display Co., Ltd.	26/06/2019	4203650	23156484.0	
4203815	Covidien LP	30/08/2021	4203815	21778281.2	
4204208	Kuraray Europe GmbH	21/09/2021	4204208	21778135.0	
4204464	Chevron Phillips Chemical Company LP	08/10/2021	4204464	21810865.2	
4205428	Amadeus S.A.S.	30/08/2021	4205428	21766683.3	
4206257	Jiangsu Kingfa Sci. & Tech. Advanced Materials Co., Ltd.	29/12/2021	4206257	21218097.0	
4206402	CRRC Yangtze Co., Ltd.	13/08/2021	4206402	21860177.1	
4207106	Samsung Electronics Co., Ltd.	04/01/2022	4207106	22711140.8	
4207186	Huawei Technologies Co. Ltd.	17/09/2021	4207186	21874269.0	
4207938	Sony Group Corporation	18/08/2021	4207938	21879740.5	
4209363	ArvinMeritor Technology, LLC	03/01/2023	4209363	23150075.2	
4209693	Yao, Li-Ho	09/01/2023	4209693	23150640.3	
4209833	Samsung Display Co., Ltd.	20/09/2017	4209833	23158632.2	
4209915	INTEL Corporation	11/11/2022	4209915	22206883.5	
4211517	Endress+Hauser SE+Co. KG	16/08/2021	4211517	21759304.5	German
4211541	BAE SYSTEMS plc	08/09/2021	4211541	21770060.8	
4211563	Microsoft Technology Licensing, LLC	01/06/2021	4211563	21736081.7	
4211565	Oracle International Corporation	27/08/2021	4211565	21773959.8	
4211572	Jentis GmbH	08/09/2021	4211572	21772665.2	German
4211676	3M Innovative Properties Company	09/09/2021	4211676	21783047.0	
4212687	ABP - AQUILINA BOUVIER POOL	18/01/2023	4212687	23152228.5	French
4212711	Hamilton Sundstrand Corporation	14/06/2018	4212711	23159237.9	
4212924	Tokai Optical Co., Ltd.	06/10/2021	4212924	21882601.4	
4213001	Samsung Electronics Co., Ltd.	29/11/2013	4213001	23158889.8	
4213784	KCI Manufacturing Unlimited Company	23/09/2021	4213784	21790562.9	
4213930	Nyxoah SA	18/09/2020	4213930	20775617.2	
4214377	Surface Technologies GmbH & Co. KG	17/09/2021	4214377	21777785.3	German
4214810	Saipem S.p.A.	16/09/2021	4214810	21789820.4	
4215891	Pfeiffer Vacuum Technology AG	13/04/2023	4215891	23167812.9	German
4215894	Nippon Telegraph And Telephone Corporation	15/09/2020	4215894	20954036.8	
4215922	Murata Manufacturing Co., Ltd.	15/12/2022	4215922	22213813.3	
4216037	Google LLC	27/09/2019	4216037	23159153.8	
4216130	Tencent Technology (Shenzhen) Company Limited	29/04/2022	4216130	22806537.1	
4216543	Acer Incorporated	26/10/2022	4216543	22203802.8	
4216566	Huawei Technologies Co. Ltd.	25/08/2021	4216566	21884620.2	
4217246	Jaguar Land Rover Limited	22/09/2021	4217246	21782942.3	
4217260	Bayerische Motoren Werke Aktiengesellschaft	05/08/2021	4217260	21758098.4	German
4217288	Tetra Laval Holdings & Finance S.A.	30/08/2021	4217288	21871745.2	
4217607	VESTAS WIND SYSTEMS A/S	16/09/2021	4217607	21782634.6	
4217720	Palintest Limited	16/09/2021	4217720	21777354.8	
4218571	Dexcom, Inc.	12/03/2013	4218571	23167608.1	
4218783	Provexis Natural Products Limited	02/11/2009	4218783	23167298.1	
4219299	Goodrich Corporation	12/12/2019	4219299	23162970.0	
4219832	Sue - Sports Unified Europe, Lda	28/02/2022	4219832	22159096.1	
4219928	YAMAHA HATSUDOKI KABUSHIKI KAISHA	14/12/2021	4219928	21957736.8	
4220077	Robert Bosch GmbH	30/01/2023	4220077	23153843.0	German
4220218	Wistron Corporation	13/04/2022	4220218	22168126.5	
4220407	Huawei Technologies Co., Ltd.	21/04/2016	4220407	22205358.9	
4220465	Visa International Service Association	03/11/2017	4220465	23164824.7	
4220624	Rohr, Inc.	26/01/2023	4220624	23153428.0	
4221140	Huawei Technologies Co. Ltd.	17/08/2021	4221140	21879099.6	
4221151	Huawei Technologies Co. Ltd.	20/10/2021	4221151	21882025.6	
4221420	Ocado Innovation Limited	22/12/2017	4221420	23164147.3	
4221861	Metso Finland Oy	02/10/2020	4221861	20956138.0	
4221878	Dow Global Technologies LLC	30/09/2021	4221878	21802856.1	
4221936	Bernd Siegmund GmbH	15/09/2021	4221936	21783141.1	German
4222082	Envirotainer Engineering AB	29/09/2021	4222082	21876091.6	

4222417	Sumitomo SHI FW Energia Oy	09/09/2021	4222417	21777437.1	German
4222422	Airthings ASA	30/09/2021	4222422	21802452.9	
4223169	Howley, Anthony Adrian	02/02/2023	4223169	23154806.6	
4223176	L'OREAL	26/02/2021	4223176	23166881.5	
4223252	Purewick Corporation	02/06/2017	4223252	23164671.2	
4223295	Ishihara Sangyo Kaisha, Ltd.	27/09/2021	4223295	21875535.3	
4223524	Sanliuyidu (China) Co., Ltd.	30/06/2022	4223524	22830348.3	German
	Sanliuyidu (Fujian) Sports Goods Co., Ltd.				
4224039	Suzuki Motor Corporation	13/01/2023	4224039	23151628.7	
4224098	Hisense Ronshen (Guangdong) Refrigerator Co., Ltd.	18/02/2016	4224098	23164319.8	
4224202	RIEGL Laser Measurement Systems GmbH	07/02/2022	4224202	22155407.4	
4224296	Hand Held Products, Inc.	26/01/2016	4224296	23166414.5	
4224630	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	30/09/2020	4224630	20955705.7	German
4224979	Huawei Technologies Co. Ltd.	03/11/2016	4224979	23166670.2	
4225486	Basell Polyolefine GmbH	07/12/2021	4225486	21823586.9	
4226123	Renishaw PLC	04/10/2021	4226123	21785974.3	
4226131	Hydromea SA	06/10/2021	4226131	21783363.1	
4226660	QUALCOMM INCORPORATED	10/09/2021	4226660	21790332.7	
4226870	Boston Scientific Scimed, Inc.	01/12/2009	4226870	23161062.7	German
4227048	Automixx GmbH	01/02/2023	4227048	23154543.5	
4227457	BSH Hausgeräte GmbH	15/02/2022	4227457	22156757.1	
4227539	Pfeiffer Vacuum Technology AG	16/06/2023	4227539	23179789.5	
4227687	Beijing Mindray Medical Instrument Co., Ltd.	10/10/2022	4227687	22200490.5	
	Beijing Shen Mindray Medical Electronics Technology Research Institute Co., Ltd.				
4228753	Qilu Regor Therapeutics Inc.	13/10/2021	4228753	21798552.2	German
4230565	Wobben Properties GmbH	15/02/2023	4230565	23156703.3	
4230895	Volvo Car Corporation	16/02/2022	4230895	22157083.1	
4230900	Bestware Hardware Production Co., Ltd.	28/05/2021	4230900	21878973.3	
4231676	Huawei Technologies Co. Ltd.	09/11/2020	4231676	20960505.4	
4232359	Wing Aviation LLC	15/10/2021	4232359	21816206.3	
4233039	Huawei Technologies Co. Ltd.	11/11/2020	4233039	20961045.0	German
4233417	QUALCOMM INCORPORATED	19/10/2021	4233417	21811216.7	
4233539	Globeride, Inc.	06/02/2023	4233539	23155209.2	
4233763	Jrobotics Inc	09/08/2022	4233763	22855450.7	
	Shen, Bifeng				
4234903	Schlegel, Peer	11/03/2021	4234903	23170993.2	
4234931	Schwäbische Hüttenwerke Automotive GmbH	12/04/2016	4234931	23174113.3	German
4235421	Imagination Technologies Limited	09/12/2016	4235421	23185946.3	German
4236089	Huawei Digital Power Technologies Co., Ltd.	23/04/2020	4236089	23160881.1	
4236218	Huawei Technologies Co. Ltd.	04/12/2020	4236218	20964040.8	
4236468	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	31/03/2021	4236468	21933881.1	
4237035	CareFusion 303, Inc.	28/10/2021	4237035	21811638.2	
4238089	Dolby Laboratories Licensing Corporation	29/10/2021	4238089	21815021.7	
4238292	Telecom Italia S.p.A.	27/10/2021	4238292	21801495.9	German
4238791	Carrier Corporation	01/03/2023	4238791	23159487.0	
4238833	Contemporary Amperex Technology (Hong Kong) Limited	28/12/2021	4238833	21918100.5	
4238908	Mechanica Sistemi S.r.L.	20/01/2023	4238908	23152693.0	
4239113	Saurer Intelligent Technology AG	28/02/2023	4239113	23158907.8	
4239304	STMicroelectronics S.r.l.	02/02/2023	4239304	23154638.3	
4239977	Vodafone Group Services Limited	02/03/2022	4239977	22382187.7	German
4239998	Hangzhou Hikvision Digital Technology Co., Ltd.	31/12/2021	4239998	21924491.0	
4240076	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	27/10/2020	4240076	20959000.9	

4241011	The Regents Of The University Of Michigan	06/11/2020	4241011	20960967.6	
	TOTALENERGIES ONETECH				
4241485	Telefonaktiebolaget LM Ericsson (publ)	02/11/2021	4241485	21816559.5	
4241725	Align Technology, Inc.	20/03/2018	4241725	23184292.3	
4241894	Henkel AG & Co. KGaA	08/03/2022	4241894	22160742.7	German
4241911	Hyundai Mobis Co., Ltd.	29/06/2022	4241911	22181942.8	
4242012	Sumitomo Rubber Industries, Ltd.	17/09/2021	4242012	21902957.6	
4242042	Changchun Jetty Automotive Technology Co., Ltd.	25/06/2021	4242042	21888172.0	
4242102	Dassault Aviation	07/03/2023	4242102	23160471.1	French
4242578	OMRON CORPORATION	14/02/2023	4242578	23156450.1	
4242961	Honor Device Co., Ltd.	21/01/2022	4242961	22826975.9	
4243010	Rohr, Inc.	07/03/2023	4243010	23160600.5	
4243057	Huawei Technologies Co. Ltd.	14/05/2019	4243057	23170184.8	
4243420	Sony Group Corporation	26/04/2013	4243420	23184270.9	
4244032	Enigma Sinapi B.V.	10/11/2021	4244032	21806420.2	
4244496	ATLAS COPCO AIRPOWER N.V.	10/11/2021	4244496	21815921.8	
4245067	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	22/02/2021	4245067	21926167.4	
4245386	Salewa Sport AG	14/03/2023	4245386	23161800.0	German
4246015	AISIN CORPORATION	06/10/2021	4246015	21891537.9	
4246312	Huawei Technologies Co. Ltd.	13/12/2021	4246312	21905672.8	
4246324	Huawei Technologies Co. Ltd.	27/02/2018	4246324	23190974.8	
4246462	Tata Consultancy Services Limited	22/02/2023	4246462	23158020.0	
4246569	Huawei Digital Power Technologies Co., Ltd.	16/03/2023	4246569	23162254.9	
4246588	Huawei Digital Power Technologies Co., Ltd.	16/03/2023	4246588	23162457.8	
4247014	Huawei Technologies Co. Ltd.	30/11/2020	4247014	20963134.0	
4247565	Life Technologies Corporation	19/11/2021	4247565	21831199.1	
4247993	Voestalpine Wire Rod Austria GmbH KAMAX Holding GmbH & Co. KG	01/12/2022	4247993	22826100.4	German
4248091	Robert Bosch GmbH	08/11/2021	4248091	21809963.8	German
4249059	ForSight Vision4, Inc.	28/06/2012	4249059	23186055.2	
4249330	CAP Corporation	15/03/2023	4249330	23162086.5	
4249379	Hamilton Sundstrand Corporation	16/03/2023	4249379	23162414.9	
4249380	Zero Emissions Aerospace Limited	21/03/2022	4249380	22163320.9	
4249685	BAUER Maschinen GmbH	11/11/2020	4249685	23186219.4	German
4249871	INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT	24/03/2023	4249871	23163898.2	French
4250380	Nichia Corporation	17/01/2023	4250380	23151869.7	
4250661	Huawei Technologies Co. Ltd.	22/12/2021	4250661	21914076.1	
4251010	KPS Global, LLC	13/05/2021	4251010	21898860.8	
4251330	AIRCOM SRL Barnini S.r.l.	25/11/2021	4251330	21834880.3	
4251912	Graco Minnesota Inc.	29/11/2021	4251912	21831170.2	
4251969	Endress+Hauser Flowtec AG	28/10/2021	4251969	21802296.0	German
4252377	Lenovo (Singapore) Pte. Ltd.	15/01/2022	4252377	22701041.0	
4252586	Justrite Safety Technology (Wuxi) Co., Ltd	22/02/2022	4252586	22871047.1	
4252878	Universal City Studios LLC	11/02/2020	4252878	23188252.3	
4252879	Universal City Studios LLC	03/10/2019	4252879	23188535.1	
4252974	Nanjing Enigma Automation Co., Ltd. Huawei Technologies Co. Ltd.	28/12/2021	4252974	21914430.0	
4253376	Shanghai Hansoh Biomedical Co., Ltd. Jiangsu Hansoh Pharmaceutical Group Co., Ltd.	26/11/2021	4253376	21897144.8	
4253708	VKR Holding A/S	31/03/2023	4253708	23166220.6	
4253786	Warner Electric Europe SAS	27/03/2023	4253786	23164466.7	French
4254128	Samsung Electronics Co., Ltd.	03/12/2021	4254128	21901093.1	

4254203	INTEL Corporation	07/02/2023	4254203	23155456.9	
4254527	Lg Chem, Ltd.	05/04/2022	4254527	22784928.8	
4254551	Panasonic Intellectual Property Management Co., Ltd.	22/09/2021	4254551	21897478.0	
4256171	Schlumberger Technology B.V.	19/11/2021	4256171	21901260.6	
4257371	The Yokohama Rubber Co., Ltd.	29/10/2021	4257371	21903052.5	
4257756	Liebherr-Werk Bischofshofen GmbH	20/12/2022	4257756	22214792.8	German
4258479	Huawei Technologies Co. Ltd.	22/12/2021	4258479	21914059.7	
4258580	QUALCOMM Incorporated	23/04/2021	4258580	23189882.6	
4259341	3M Innovative Properties Company	09/12/2020	4259341	20838603.7	
4259539	ALPLA Werke Alwin Lehner GmbH & Co. KG	07/12/2021	4259539	21836370.3	German
4259748	Merck Patent GmbH	08/12/2021	4259748	21820275.2	
4260138	RISE Research Institutes of Sweden AB	11/12/2020	4260138	20825257.7	
4260500	QUALCOMM INCORPORATED	02/12/2021	4260500	21840390.5	
4261177	Electroelsa S.r.l.	13/04/2022	4261177	22425019.1	
4261620	Ricoh Company, Ltd.	11/04/2023	4261620	23167441.7	
4261802	IFP Energies nouvelles	29/03/2023	4261802	23164922.9	French
4262063	Huawei Digital Power Technologies Co., Ltd.	11/01/2022	4262063	22739009.3	
4262126	Huawei Technologies Co. Ltd.	07/01/2022	4262126	22736606.9	
4262127	Huawei Technologies Co. Ltd.	30/03/2022	4262127	22783926.3	
4262190	Samsung Electronics Co., Ltd.	07/12/2021	4262190	21923415.0	
4262276	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	15/03/2021	4262276	21930696.6	
4262744	MEDINCELL S.A.	15/12/2021	4262744	21831038.1	
4263228	Hewlett-Packard Development Company, L.P.	29/01/2021	4263228	21923518.1	
4263340	Lea, Tore	15/12/2021	4263340	21907205.5	
4263399	Entenfellner, Peter Holzleithner, Andreas	12/11/2021	4263399	21811232.4	German
4264065	Voss Automotive GmbH	21/12/2021	4264065	21844652.4	German
4264077	Brembo S.p.A.	10/12/2021	4264077	21834906.6	
4264088	UFI Filters S.p.A.	16/12/2021	4264088	21840137.0	
4264176	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	07/12/2021	4264176	21836387.7	German
4264647	Solero Technologies Villingen GmbH	20/10/2021	4264647	21794843.9	German
4264981	Ofinno, LLC	06/12/2021	4264981	21844435.4	
4265343	LG Energy Solution, Ltd.	30/09/2022	4265343	22898820.0	
4265352	POSCO Co., Ltd	16/12/2021	4265352	21907125.5	
4266073	Siemens Healthcare SAS Commissariat à l'Energie Atomique et aux Energies Alternatives	21/04/2023	4266073	23169293.0	
4266390	Lg Chem, Ltd.	23/02/2022	4266390	22760040.0	
4266656	Samsung Electronics Co., Ltd.	01/04/2022	4266656	22781678.2	
4266738	Huawei Technologies Co. Ltd.	24/01/2022	4266738	22748947.3	
4266785	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	14/01/2021	4266785	21918371.2	
4266974	3Shape A/S	20/12/2021	4266974	21843902.4	
4267010	Lucky Loop Medical AB	21/12/2021	4267010	21839707.3	
4267711	OMNIA TECHNOLOGIES S.P.A.	22/12/2021	4267711	21844816.5	
4268026	Siemens Aktiengesellschaft	09/03/2022	4268026	22713620.7	
4268107	Microsoft Technology Licensing, LLC	01/11/2021	4268107	21815759.2	
4269022	KABUSHIKI KAISHA TOSHIBA Toshiba Materials Co., Ltd.	20/12/2021	4269022	21910722.4	
4269056	Opsydia Limited	09/01/2020	4269056	23197543.4	
4269980	MTS Systems Corporation	20/04/2023	4269980	23169065.2	
4270020	Rosenberger Hochfrequenztechnik GmbH & Co. KG	27/04/2022	4270020	22170194.9	German
4270092	FUJIFILM Corporation	10/12/2021	4270092	21915069.5	

4270194	Université de Lorraine Inter-University Research Institute Corporation Research Organization of Information and Systems	22/12/2021	4270194	21910918.8	
4270388	Huawei Technologies Co. Ltd.	10/01/2022	4270388	22742035.3	
4270747	Huawei Digital Power Technologies Co., Ltd.	20/04/2023	4270747	23168883.9	
4270951	Nippon Telegraph And Telephone Corporation	18/03/2014	4270951	23196969.2	
4272197	Dromos GmbH	07/01/2022	4272197	22700883.6	
4272649	GE Precision Healthcare LLC	25/04/2023	4272649	23169744.2	
4273313	Cuylits Holding GmbH	14/04/2023	4273313	23167902.8	German
4273369	RTX Corporation	06/12/2019	4273369	23198930.2	
4273380	RTX Corporation	04/05/2023	4273380	23171725.7	
4273381	RTX Corporation	04/05/2023	4273381	23171724.0	
4273560	Hwang, Dong Weon Hwang, Logan Jae Hwang, Jae Baek Hicon Co., Ltd.	07/01/2021	4273560	21915358.2	
4274165	Nok Nok Labs, Inc.	26/12/2013	4274165	23192796.3	
4274311	Nokia Technologies Oy	04/05/2022	4274311	22171670.7	
4274688	Copley Scientific Limited	07/01/2022	4274688	22705451.7	
4274768	VALEO SYSTEMES D'ESSUYAGE	05/01/2022	4274768	22700291.2	
4275174	LIBERTY ROBOTICS INC	04/01/2022	4275174	22736980.8	
4275221	Robert Bosch GmbH	21/02/2022	4275221	22711884.1	German
4275315	QUALCOMM INCORPORATED	10/12/2021	4275315	21841078.5	
4275776	Asahi Kasei Kabushiki Kaisha	18/11/2021	4275776	21917582.5	
4275973	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	08/05/2023	4275973	23172119.2	German
4276015	B/E Aerospace, Inc.	05/05/2023	4276015	23171900.6	
4276034	Nypro Inc.	07/06/2019	4276034	23199307.2	
4276057	Huawei Technologies Co. Ltd.	07/01/2022	4276057	22745014.5	
4276154	Daikin Industries, Ltd.	29/03/2016	4276154	23201152.8	
4276295	RTX Corporation	15/06/2018	4276295	23199878.2	
4276590	Honor Device Co., Ltd.	01/06/2022	4276590	22851699.3	
4276591	Huawei Technologies Co. Ltd.	22/12/2021	4276591	21927703.5	
4276835	Changxin Memory Technologies, Inc.	23/05/2022	4276835	22835544.2	
4276848	Abbott Diabetes Care, Inc.	07/09/2010	4276848	23201090.0	
4277221	Honeywell International Inc.	28/04/2023	4277221	23170598.9	
4277315	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	18/06/2021	4277315	21931044.8	
4277940	Dow Global Technologies LLC	18/01/2021	4277940	21707138.0	
4278994	Lenkbar, LLC	11/05/2023	4278994	23172900.5	
4279124	Boston Scientific Neuromodulation Corporation	21/10/2020	4279124	23197711.7	
4279769	Martin GmbH für Umwelt- und Energietechnik	20/04/2023	4279769	23168973.8	German
4279995	Ricoh Company, Ltd.	25/04/2023	4279995	23169813.5	
4280845	Honor Device Co., Ltd.	02/09/2022	4280845	22885414.7	
4280975	Cilag GmbH International	14/12/2022	4280975	22829888.1	
4281818	Saudi Arabian Oil Company	20/01/2022	4281818	22703223.2	
4282304	Nedcon B.V.	11/05/2023	4282304	23172749.6	German
4282638	Ab Närpes Trä & Metall - Oy Närpiön Puu ja Metalli	17/05/2023	4282638	23173860.0	
4282662	Toray Industries, Inc.	25/01/2022	4282662	22745844.5	
4282718	TOYOTA JIDOSHA KABUSHIKI KAISHA	04/05/2023	4282718	23171623.4	
4282913	The Goodyear Tire & Rubber Company	23/05/2023	4282913	23174730.4	
4283221	Daikin Industries, Ltd.	21/01/2022	4283221	22742693.9	
4283320	Huawei Digital Power Technologies Co., Ltd.	26/02/2021	4283320	21927299.4	
4283336	Navico Holding AS	04/06/2021	4283336	23202640.1	

4283760	Scania CV AB	25/05/2022	4283760	22175277.7	
4284451	Solidea S.r.l.	16/09/2021	4284451	21787036.9	
4285236	Ab Initio Technology LLC	28/01/2022	4285236	22704676.0	
4285496	QUALCOMM Incorporated	12/01/2022	4285496	22701873.6	
4286226	ZKW Group GmbH	01/06/2022	4286226	22176667.8	
4286308	GAMBINI S.p.A.	01/06/2023	4286308	23176588.4	
4286786	Unit Solutions, Inc.	29/08/2017	4286786	23184745.0	
4286796	Suzuki Motor Corporation	17/05/2023	4286796	23174064.8	
4286957	BROTHER KOGYO KABUSHIKI KAISHA	21/01/2022	4286957	22745737.1	
4287117	Tencent Technology (Shenzhen) Company Limited	25/02/2022	4287117	22762449.1	
4287606	Apple Inc.	26/01/2018	4287606	23204776.1	
4287986	Solventum Intellectual Properties Company	26/01/2022	4287986	22702312.4	
4288300	Zaptec IP AS	04/02/2022	4288300	22707621.3	
4288338	C.I.R.A. (Centro Italiano Ricerche Aerospaziali) - S.C.P.A.	13/01/2022	4288338	22704794.1	
4288482	Elé Corporation	22/04/2022	4288482	22924560.0	
4288789	Koninklijke Philips N.V.	24/01/2022	4288789	22700420.7	
4288859	Razer (Asia-Pacific) Pte. Ltd.	08/02/2021	4288859	21925018.0	
4288980	Framatome Inc.	03/02/2022	4288980	22705291.7	
4289390	Oneday Biotech Co., Ltd.	01/06/2023	4289390	23176634.6	
4289471	Panasonic Intellectual Property Management Co., Ltd.	24/12/2021	4289471	21924877.0	
4289722	Embraer S.A.	07/06/2023	4289722	23177912.5	
4289740	Safran Seats USA LLC	04/05/2023	4289740	23171698.6	
4289749	MT Aerospace AG	31/05/2023	4289749	23176282.4	German
4290000	NIKE Innovate C.V.	03/05/2012	4290000	23205688.7	
4290064	Honeywell International Inc.	06/06/2023	4290064	23177694.9	
4290156	Sunmodo Corporation	09/06/2023	4290156	23178532.0	
4290183	Suzuki Motor Corporation	17/05/2023	4290183	23174065.5	
4290274	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	01/03/2022	4290274	22762525.8	
4290349	Honor Device Co., Ltd.	12/12/2022	4290349	22919283.6	
4290800	Huawei Technologies Co. Ltd.	22/03/2022	4290800	22778679.5	
4290841	Honor Device Co., Ltd.	23/12/2022	4290841	22921726.0	
4291052	KT&G Corporation	27/04/2022	4291052	22796125.7	
4291454	Regent Craft Inc.	10/02/2022	4291454	22706193.4	
4292227	Huawei Technologies Co. Ltd.	22/03/2021	4292227	21714850.1	
4292877	MIRUS Aircraft Seating Ltd.	09/06/2023	4292877	23178531.2	
4292887	Seat, S.A.	15/06/2023	4292887	23382598.3	
4292999	Goodrich Corporation	16/06/2023	4292999	23179864.6	
4293335	MBV AG	13/06/2022	4293335	22178783.1	
4293443	Schneider Electric Industries SAS	15/06/2022	4293443	22305875.1	German
4293569	IDEMIA France	24/04/2023	4293569	23169569.3	French
4293958	Otis Elevator Company	02/12/2022	4293958	22211250.0	
4294077	Huawei Technologies Co. Ltd.	10/03/2022	4294077	22766362.2	
4294318	Interbros GmbH	20/05/2022	4294318	22730745.1	German
4294662	Phoenix Contact e-Mobility GmbH	07/02/2022	4294662	22707653.6	German
4295009	ConocoPhillips Company	10/02/2022	4295009	22756722.9	
4295257	Bundesdruckerei GmbH	17/02/2022	4295257	22711159.8	German
4295789	Neuravi Limited	03/03/2020	4295789	23209721.2	
4295898	Medtronic, Inc.	21/06/2019	4295898	23208235.4	
4296086	The Goodyear Tire & Rubber Company	16/06/2023	4296086	23179875.2	
4296464	Suomen Visor Oy	16/06/2023	4296464	23179889.3	
4296599	Proyectos y Montajes Industriales Menxi S.r.l. Cruz Pedrosa, Agustín Toribio Quero, Pedro	16/02/2021	4296599	21718927.3	
4296627	Krohne Messtechnik GmbH	19/06/2023	4296627	23180038.4	German
4296706	Tata Consultancy Services Limited	07/06/2023	4296706	23177876.2	

4296900	STMicroelectronics S.r.l. STMicroelectronics International N.V.	09/06/2023	4296900	23178341.6	
4297268	General Electric Technology GmbH	08/06/2023	4297268	23178219.4	
4297365	Huawei Technologies Co. Ltd.	08/03/2022	4297365	22766304.4	
4297461	Huawei Technologies Co. Ltd.	06/09/2015	4297461	23191569.5	
4298379	Trilux GmbH & Co. KG	07/06/2022	4298379	22735082.4	German
4298417	Saint-Gobain Glass France	23/02/2022	4298417	22707439.0	French
4298540	INFOCYTE, INC.	23/02/2022	4298540	22710811.5	
4298955	Dental Robotics Group B.V.	13/01/2021	4298955	23209575.2	
4299031	Cilag GmbH International	19/10/2021	4299031	23211001.5	
4299341	Bridgestone Europe NV/SA	27/06/2022	4299341	22181274.6	
4299401	POMA	15/06/2023	4299401	23179638.4	French
4299460	Tetra Laval Holdings & Finance S.A.	21/06/2023	4299460	23180688.6	
4299462	Capsulit S.P.A.	27/06/2023	4299462	23181899.8	
4299788	RTX Corporation	16/06/2023	4299788	23179870.3	
4300318	Rockwell Automation Technologies, Inc.	20/06/2023	4300318	23180280.2	
4300320	Winbond Electronics Corp.	19/05/2023	4300320	23174293.3	
4300861	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	18/03/2021	4300861	21930852.5	
4301625	Audi AG	07/12/2021	4301625	21838996.3	German
4301641	Faiveley Transport Italia S.p.A.	02/03/2022	4301641	22713033.3	
4301946	Phil Squared Roof Jack Systems LLC	08/01/2022	4301946	22701802.5	
4302857	Ontex BV Ontex Group NV	04/07/2022	4302857	22182894.0	
4302973	TETRA LAVAL HOLDINGS & FINANCE S.A.	12/06/2023	4302973	23178713.6	
4302986	EconCore N.V.	06/07/2022	4302986	22183410.4	
4303172	Bello Solutions Inc.	22/06/2023	4303172	23180917.9	
4303395	Becker-Antriebe GmbH	12/06/2023	4303395	23178719.3	German
4303398	2170775 Alberta Ltd.	24/05/2019	4303398	23212217.6	
4303481	Westnetz GmbH	01/06/2023	4303481	23176725.2	German
4304706	Amber Therapeutics Holdings Limited	11/03/2022	4304706	22720754.5	
4304825	BASF SE	17/02/2022	4304825	22706586.9	
4305218	Ecotec Gestione Impianti S.r.l.	10/03/2022	4305218	22715403.6	
4305726	Duracell U.S. Operations, Inc.	23/12/2021	4305726	21851746.4	
4305727	Duracell U.S. Operations, Inc.	23/12/2021	4305727	21854714.9	
4305831	oxylabs, UAB	07/02/2023	4305831	23704097.7	
4306802	MAX CO., LTD.	29/06/2023	4306802	23182486.3	
4306916	Syntegon Technology GmbH	21/06/2023	4306916	23180719.9	German
4306952	Amphenol Thermometrics, Inc.	15/10/2019	4306952	23211990.9	
4307004	Honeywell International Inc.	28/06/2023	4307004	23182005.1	
4307083	Samsung Electronics Co., Ltd.	09/08/2022	4307083	22856163.5	
4307684	BlackBerry Limited	04/06/2020	4307684	23199363.5	
4307815	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	02/06/2021	4307815	21943530.2	
4307913	Milow Holding AB	25/04/2022	4307913	22725229.3	
4308768	Bozek, Radomir	21/03/2023	4308768	23721828.4	
4308813	VESTAS WIND SYSTEMS A/S	18/03/2022	4308813	22714361.7	
4308821	bar-pneumatische Steuerungssysteme GmbH	28/02/2022	4308821	22709683.1	
4308886	Helmholtz-Zentrum Dresden - Rossendorf e.V.	21/06/2022	4308886	22733976.9	German
4308889	HYDAC Accessories GmbH	04/05/2022	4308889	22728349.6	German
4309039	Microsoft Technology Licensing, LLC	25/02/2022	4309039	22710251.4	
4309166	QUALCOMM INCORPORATED	25/01/2022	4309166	22705495.4	
4309416	T-Mobile Innovations LLC	04/03/2022	4309416	22712705.7	
4309498	SHANGHAI ORIGINCELL BIOLOGICAL CRYO EQUIPMENT CO., LTD.	25/03/2022	4309498	22806314.5	
4309851	Max Co., Ltd.	25/10/2019	4309851	23210988.4	
4309862	M&H Technical Research Institute Co., Ltd.	30/03/2022	4309862	22791557.6	

4310311	Garrett Transportation I Inc.	05/06/2023	4310311	23177202.1	
4310542	FCL Components Limited	16/06/2023	4310542	23179719.2	
4310683	Huawei Technologies Co. Ltd.	31/03/2021	4310683	21933798.7	
4311064	Huawei Digital Power Technologies Co., Ltd.	25/01/2018	4311064	23199089.6	
4311143	Kyocera Corporation	23/03/2017	4311143	23214916.1	
4311209	Vivo Mobile Communication Co., Ltd.	15/03/2022	4311209	22770495.4	
4311264	GN Hearing A/S	23/12/2016	4311264	23215888.1	
4312452	Nokia Technologies Oy	29/07/2022	4312452	22187916.6	
4312579	Ynsect NL B.V.	31/03/2022	4312579	22720369.2	
4312721	Harman Becker Automotive Systems GmbH	30/03/2021	4312721	21730695.0	
4312755	Headis GmbH	22/03/2022	4312755	22723339.2	German
4313202	NxStage Medical, Inc.	25/03/2022	4313202	22776730.8	
4314369	BIOTRONIK AG	08/02/2022	4314369	22709615.3	
4314687	TerraPower LLC	23/03/2021	4314687	21718446.4	
4314923	Aginode Group	25/03/2022	4314923	22717858.9	French
4315080	ORACLE INTERNATIONAL CORPORATION	29/03/2022	4315080	22717982.7	
4316403	Cornerstone Technology (Shenzhen) Limited	03/03/2022	4316403	22794333.9	
4316725	Panasonic Intellectual Property Management Co., Ltd.	17/03/2022	4316725	22780150.3	
4317112	IBIDEN CO., LTD.	23/03/2022	4317112	22780396.2	
4317686	HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD. GD Midea Heating & Ventilating Equipment Co., Ltd.	07/08/2023	4317686	23190017.6	
4318066	Huawei Technologies Co., Ltd.	14/02/2022	4318066	22794269.5	
4318601	Zhejiang Jinko Solar Co., Ltd. JINKO SOLAR CO., LTD	04/10/2022	4318601	22199686.1	
4318672	Contemporary Ampere Technology (Hong Kong) Limited	27/04/2022	4318672	22938729.5	
4318842	General Electric Company	30/06/2023	4318842	23182910.2	
4320512	Siemens Aktiengesellschaft	12/05/2021	4320512	21729726.6	
4320888	Hilti Aktiengesellschaft	05/04/2022	4320888	22717204.6	
4321078	Jiangsu Midea Cleaning Appliances Co., Ltd. Midea Group Co., Ltd.	17/01/2022	4321078	22783772.1	
4321870	Amgen Inc.	12/03/2019	4321870	23199698.4	
4322480	Nokia Technologies Oy	09/08/2023	4322480	23190489.7	
4322538	LG Electronics Inc.	21/02/2023	4322538	23157665.3	
4322546	Huawei Technologies Co., Ltd.	07/03/2022	4322546	22827048.4	
4322778	Philip Morris Products, S.A.	07/04/2022	4322778	22721063.0	
4323686	L'AIR LIQUIDE, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude	30/03/2022	4323686	22719554.2	French
4324322	Globe (Jiangsu) Co., Ltd.	14/06/2017	4324322	23185300.3	
4324359	Hansgrohe SE	27/06/2023	4324359	23181761.0	German
4324505	ResMed Pty Ltd	24/06/2014	4324505	23205575.6	
4325088	RTX Corporation	14/08/2023	4325088	23191416.9	
4325694	Huawei Digital Power Technologies Co., Ltd.	10/08/2023	4325694	23190866.6	
4326537	Roll-o-Matic A/S	07/04/2022	4326537	22722135.5	
4326555	Novelis Inc.	13/04/2022	4326555	22721246.1	
4326733	Samsung Display Co., Ltd.	25/04/2022	4326733	22725733.4	
4327912	FISCHER Fuel Cell Compressor AG	22/08/2022	4327912	22191504.4	German
4328347	Fontaine Holdings NV	02/06/2022	4328347	23211698.8	German
4328564	Shimadzu Corporation	07/07/2023	4328564	23184234.5	
4328666	Honor Device Co., Ltd.	01/09/2022	4328666	22900008.8	

4328724	Beijing Zitiao Network Technology Co., Ltd.	12/04/2022	4328724	22794585.4	
4328962	Huawei Digital Power Technologies Co., Ltd.	25/08/2023	4328962	23193430.8	
4329046	LG ENERGY SOLUTION, LTD.	20/12/2022	4329046	22919062.4	
4329176	Huawei Digital Power Technologies Co., Ltd.	05/07/2023	4329176	23183504.2	
4329206	Samsung Electronics Co., Ltd.	19/06/2023	4329206	23777128.2	
4329313	BlackBerry Limited	04/06/2020	4329313	23192472.1	
4329560	OMP S.r.L.	28/04/2022	4329560	22726289.6	
4330071	Jaguar Land Rover Limited	29/04/2022	4330071	22726629.3	
4330117	Bayerische Motoren Werke Aktiengesellschaft	01/03/2022	4330117	22709684.9	German
4330119	Porsche eBike Performance GmbH	28/02/2022	4330119	22709678.1	German
4330297	Arlanxeo Netherlands B.V.	28/04/2022	4330297	22727000.6	
4330307	Chemetall GmbH	27/04/2022	4330307	22725877.9	
4330328	Standard Profil Ege Otomotiv Sanayi Ve Ticaret A.S	16/12/2021	4330328	21964975.3	
4330452	Turun yliopisto	27/04/2022	4330452	22720742.0	
4330948	Aalto University Foundation sr Commissariat à l'Energie Atomique et aux Energies Alternatives	28/04/2022	4330948	22726784.6	French
4331480	Bruin Biometrics, LLC	08/02/2019	4331480	24151800.0	
4331545	Unicharm Corporation	30/03/2022	4331545	22815700.4	
4331547	The Procter & Gamble Company	22/08/2018	4331547	23183703.0	
4331626	Getinge Sterilization AB	02/09/2022	4331626	22193627.1	
4331899	Huawei Digital Power Technologies Co., Ltd.	07/08/2023	4331899	23189959.2	
4331984	Airbus (S.A.S.)	18/08/2023	4331984	23192066.1	French
4332749	BROTHER KOGYO KABUSHIKI KAISHA	24/08/2023	4332749	23193123.9	
4333530	Honor Device Co., Ltd.	09/09/2022	4333530	22882498.3	
4333574	OVH	30/08/2022	4333574	22306284.5	
4333618	Syngenta Crop Protection AG	03/05/2022	4333618	22727286.1	
4333730	Covidien LP	26/04/2022	4333730	22721862.5	
4333985	Constellation Pharmaceuticals, Inc.	04/05/2022	4333985	22729327.1	
4334048	SMS group GmbH	21/03/2022	4334048	22717104.8	German
4335400	Lumenis Ltd.	06/06/2017	4335400	24153693.7	
4335465	The Boeing Company	13/11/2020	4335465	23203831.5	
4335798	Beijing Huironghe Technology Co., Ltd	11/11/2021	4335798	21943852.0	
4336240	Stanley Electric Co. Ltd.	31/05/2022	4336240	22820094.5	
4337044	Philip Morris Products, S.A.	09/05/2022	4337044	22728196.1	
4337305	BIOTRONIK SE & Co. KG	27/04/2022	4337305	22723146.1	
4337307	Boston Scientific Neuromodulation Corporation	23/06/2022	4337307	22744626.7	
4337466	Unilever Global IP Limited	04/05/2022	4337466	22727124.4	
4338934	LG Energy Solution, Ltd.	21/01/2019	4338934	24155281.9	
4338938	Newtech Group Co., Ltd.	20/02/2023	4338938	23802449.1	
4338965	KONICA MINOLTA, INC.	12/09/2023	4338965	23196827.2	
4338999	Continental Automotive Technologies GmbH	15/08/2023	4338999	23191454.0	German
4339026	Indian Motorcycle International, LLC	04/06/2019	4339026	24154967.4	
4339029	Takler S.r.l.	26/07/2023	4339029	23187858.8	
4339048	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	13/09/2022	4339048	22195258.3	
4339382	F.lli Moro S.r.l.	12/09/2023	4339382	23196968.4	
4339451	Newtech Group Co., Ltd.	24/08/2022	4339451	22891574.0	
4339999	Thermo Fisher Scientific (Bremen) GmbH	14/09/2023	4339999	23197463.5	
4340017	Huawei Digital Power Technologies Co., Ltd.	14/09/2023	4340017	23197330.6	
4340408	Apple Inc.	27/05/2016	4340408	24154940.1	
4340551	Hamilton Sundstrand Corporation	15/09/2023	4340551	23197759.6	

4340564	Samsung Electronics Co., Ltd.	19/05/2023	4340564	23174344.4	
4342172	Google LLC	20/05/2021	4342172	21730078.9	
4342296	The Boeing Company	13/11/2020	4342296	24157450.8	
4342648	Wolfspeed, Inc.	13/03/2020	4342648	23207947.5	
4343561	Samsung Electronics Co., Ltd.	21/09/2023	4343561	23198749.6	
4343906	SK On Co., Ltd.	15/03/2023	4343906	23161959.4	
4344716	Safety Syringes, Inc.	03/05/2011	4344716	24157725.3	
4344792	Shaheen Innovations Holding Limited	15/12/2021	4344792	24155824.6	
4345009	Airbus	26/09/2023	4345009	23199830.3	French
	AIRBUS OPERATIONS				
4345010	Airbus	26/09/2023	4345010	23199832.9	French
	AIRBUS OPERATIONS				
4345888	Littelfuse Semiconductor (Wuxi) Co., Ltd.	18/09/2023	4345888	23198050.9	
4346167	GLORY LTD.	22/09/2023	4346167	23198983.1	
4347072	Universal City Studios LLC	11/05/2022	4347072	22732708.7	
4347334	Faiveley Transport Italia S.p.A.	03/06/2022	4347334	22734040.3	
4348058	Ebara Pumps Europe S.p.A.	01/06/2022	4348058	22734680.6	
4348538	Stellenbosch University	25/05/2022	4348538	22734353.0	
4349548	CMR Surgical Limited	19/07/2017	4349548	24159785.5	
4349608	Geehy Microelectronics Inc.	13/12/2021	4349608	21963122.3	
4350269	Watlow Electric Manufacturing Company	28/09/2023	4350269	23200566.0	
4350361	Honeywell International Inc.	14/09/2023	4350361	23197425.4	
4350683	Samsung Electronics Co., Ltd.	10/06/2022	4350683	22883702.7	
4351313	Germina S.r.l.	06/06/2022	4351313	22735593.0	
4351449	Covidien LP	01/06/2022	4351449	22732647.7	
4351494	Essity Hygiene and Health Aktiebolag	10/06/2021	4351494	21732273.4	
4351495	Essity Hygiene and Health Aktiebolag	10/06/2021	4351495	21732274.2	
4351838	Rothenberger AG	04/05/2022	4351838	22729428.7	German
4351959	Piaggio & Co. S.p.A.	09/06/2022	4351959	22735605.2	
4351988	Cryovac, LLC	12/05/2022	4351988	22728621.8	
4352000	A.CELLI PAPER S.P.A.	03/06/2022	4352000	22731654.4	
4352113	CYCLOLAB CYCLODEXTRIN RESEARCH AND DEVELOPMENT LABORATORY LTD.	01/06/2022	4352113	22730985.3	
4352340	Caterpillar Inc.	16/05/2022	4352340	22728327.2	
4352399	Nemes, Géza Sándor	30/05/2022	4352399	22741566.8	
4352478	Covidien LP	07/06/2022	4352478	22733737.5	
4352539	Rafael Advanced Defense Systems Ltd.	28/03/2022	4352539	22819700.0	
4353007	QUALCOMM Incorporated	06/06/2022	4353007	22743962.7	
4353473	3D Core GmbH & Co. KG	11/10/2022	4353473	22200892.2	German
4353803	GS Caltex Corporation	28/11/2022	4353803	22210049.7	
	Aekyung Chemical Co., Ltd.				
4353980	LG Energy Solution, Ltd.	13/05/2022	4353980	22828611.8	
4353993	Umbragroup S.p.A.	05/10/2023	4353993	23201957.0	
4354157	NXP USA, Inc.	12/10/2022	4354157	22201102.5	
4354557	Hyundai Motor Company	16/12/2022	4354557	22214229.1	
	Kia Corporation				
4354943	ZTE Corporation	26/04/2022	4354943	22823918.2	
4355169	KK (Kunert Kosmetik) UG (haftungsbeschränkt)	17/06/2022	4355169	22736205.0	German
4355614	Bambino Prezioso Switzerland AG	17/06/2022	4355614	22733964.5	
4355959	Caterpillar Inc.	01/06/2022	4355959	22733819.1	
4356029	HELLA GmbH & Co. KGaA	14/06/2021	4356029	21733923.3	German
4356131	F. Hoffmann-La Roche AG	15/06/2022	4356131	22733946.2	
4356133	F. Hoffmann-La Roche AG	15/06/2022	4356133	22734277.1	
4356134	F. Hoffmann-La Roche AG	15/06/2022	4356134	22734278.9	
4356214	The Toro Company	17/06/2022	4356214	22748117.3	
4356455	Siemens Aktiengesellschaft	20/06/2022	4356455	22737792.6	German
4356619	Hahn-Schickard-Gesellschaft für angewandte Forschung e. V.	17/06/2022	4356619	22737767.8	German
4356861	Cornerstone Technology (Shenzhen) Limited	22/06/2022	4356861	22841146.8	

4357080	Max Co., Ltd.	18/10/2023	4357080	23204426.3	
4357102	King Steel Machinery Co., Ltd.	06/10/2023	4357102	23202166.7	
4357577	Anthony, Inc.	07/08/2018	4357577	23212891.8	
4357753	Sony Group Corporation	10/03/2017	4357753	24159175.9	
4357793	The Boeing Company	06/09/2023	4357793	23195727.5	
4357901	Huawei Technologies Co., Ltd.	25/02/2022	4357901	22844843.7	
	Tsinghua University				
4358498	Samsung Electronics Co., Ltd.	02/06/2023	4358498	23729648.8	
4358744	CTI Foodtech S.r.l.	16/06/2022	4358744	22734370.4	
	Crescenzo, Biagio				
4358816	DENTSPLY SIRONA Inc.	01/06/2022	4358816	22734437.1	
4359088	Lallemand, Luc	21/06/2022	4359088	22748393.0	French
4359310	I.M.A. Industria Macchine Automatiche S.p.A.	22/06/2022	4359310	22741868.8	
4359726	Detnet South Africa (Pty) Ltd	15/06/2022	4359726	22738838.6	
4359752	AVL List GmbH	20/06/2022	4359752	22740747.5	German
4359766	AVL List GmbH	24/06/2022	4359766	22740753.3	German
4359768	Stellenbosch University	23/06/2022	4359768	22738010.2	
4360351	THALES DIS FRANCE SAS	06/06/2022	4360351	22738545.7	
4360586	Implacil de Bortoli - Material Odontológico S.A.	24/10/2023	4360586	23205602.8	
4360759	Cytoaurora Biotechnologies, Inc.	14/04/2023	4360759	23168003.4	
4360862	The Goodyear Tire & Rubber Company	27/10/2023	4360862	23206338.8	
4360865	The Goodyear Tire & Rubber Company	27/10/2023	4360865	23206333.9	
4361037	AIRBUS HELICOPTERS	28/10/2022	4361037	22204459.6	
	DEUTSCHLAND GmbH				
4361481	Illinois Tool Works Inc.	27/10/2022	4361481	22383037.3	
4361547	Materiaux Nieka Inc.	09/10/2020	4361547	24161604.4	
4361983	Hithium Tech HK Limited	30/10/2023	4361983	23206610.0	
4362004	Samsung Electronics Co., Ltd.	22/06/2022	4362004	22828732.2	
4362015	RTX A/S	28/10/2022	4362015	22204444.8	
4362101	Commissariat à l'Energie Atomique et aux Energies Alternatives	25/10/2023	4362101	23205735.6	French
4362431	Nokia Technologies Oy	11/10/2018	4362431	24162928.6	
4362615	Heraeus Electronics GmbH & Co. KG	21/12/2016	4362615	24155892.3	German
4362669	Alpha-Protein GmbH	09/06/2022	4362669	22731480.4	German
4363158	Hydroblock S.r.l.	24/06/2022	4363158	22735617.7	
4363670	Caterpillar Inc.	01/06/2022	4363670	22736079.9	
4363711	VESTAS WIND SYSTEMS A/S	28/06/2022	4363711	22741441.4	
4363724	Murashko, Alex	30/06/2022	4363724	22748575.2	
	Adams, Josh				
4363966	Microsoft Technology Licensing, LLC	10/06/2022	4363966	22734728.3	
4364067	TGW Logistics GmbH	28/06/2022	4364067	22737709.0	German
4364142	Micron Technology, Inc.	23/05/2022	4364142	22833864.6	
4364155	Illumina, Inc.	29/06/2022	4364155	22751495.7	
4364177	Ienai Space, S.L.	28/06/2021	4364177	21739773.6	
	Fundació Institut Català de Nanociència i Nanotecnologia (ICN2)				
	Consejo Superior De Investigaciones Científicas				
	Institució Catalana de Recerca i Estudis Avançats				
4364311	InterDigital Patent Holdings, Inc.	28/06/2022	4364311	22744911.3	
4364489	Orange	29/06/2022	4364489	22747365.9	French
4364771	Honeywell International Inc.	13/10/2023	4364771	23203471.0	
4364776	ResMed Pty Ltd	21/02/2020	4364776	23220013.9	
4365386	Pratic S.p.A.	02/11/2023	4365386	23207375.9	
4365491	RTX Corporation	06/04/2022	4365491	24165349.2	
4365750	Samsung Electronics Co., Ltd.	02/09/2022	4365750	22865086.7	
4366894	EVOBEND GmbH	28/06/2022	4366894	22740812.7	German
4366920	Arboloom IP AG	06/07/2022	4366920	22746980.6	
4366957	BIKEBOTIX	03/06/2022	4366957	22735015.4	French

4366991	Hitachi Astemo Heilbronn GmbH	30/06/2022	4366991	22750855.3	French
	Hitachi Astemo France				
4367009	eBikeLabs	06/07/2022	4367009	22737916.1	French
4367306	Lindauer Dornier Gesellschaft mit beschränkter Haftung	10/06/2022	4367306	22734547.7	German
4367348	Locinox	06/07/2022	4367348	22737503.7	
4367371	Nuovo Pignone Tecnologie - S.r.l.	29/06/2022	4367371	22737750.4	
4367405	Hydac Mobilhydraulik GmbH	02/09/2022	4367405	22772934.0	German
4368260	Fitness Authority Industrial Co., Ltd.	13/11/2022	4368260	22207083.1	
4368325	AB Sandvik Coromant	08/11/2022	4368325	22205960.2	
4368405	Ricoh Company, Ltd.	24/10/2023	4368405	23205470.0	
4368511	AMI Industries, Inc.	09/11/2023	4368511	23208857.5	
4368934	Doosan Enerbility Co., Ltd.	10/11/2023	4368934	23209151.2	
4368943	NIPPON STEEL CORPORATION	27/03/2023	4368943	23811422.7	
4369025	MITSUBISHI ELECTRIC CORPORATION	18/08/2021	4369025	21954161.2	
4369119	Rockwell Automation Technologies, Inc.	09/11/2023	4369119	23208859.1	
4369142	Samsung Electronics Co., Ltd.	16/06/2022	4369142	22855997.7	
4369527	Hangzhou Hikvision Digital Technology Co., Ltd.	16/05/2022	4369527	22836609.2	
4370093	DriPel B.V.	12/04/2022	4370093	22722264.3	
4370408	Stellantis Auto SAS	16/06/2022	4370408	22744245.6	French
4370942	Dentsply Sirona Inc.	22/08/2022	4370942	22768677.1	German
	Siemens Healthineers AG				
	Sirona Dental Systems GmbH				
4371258	Sony Group Corporation	21/06/2022	4371258	22738364.3	
4371275	Microsoft Technology Licensing, LLC	26/05/2022	4371275	22732790.5	
4371474	Samsung Electronics Co., Ltd.	02/05/2023	4371474	23171064.1	
4371542	Hyundai Mobis Co., Ltd.	18/10/2023	4371542	23204402.4	
4371771	Universität Kassel	15/11/2022	4371771	22207611.9	German
4372447	Dentsply Sirona Inc.	07/06/2019	4372447	24153197.9	
4372489	Damasko Präzisionstechnik GmbH & Co. KG	15/11/2022	4372489	22207387.6	German
4372530	QUALCOMM Incorporated	12/09/2019	4372530	24151942.0	
4372703	ANGEL GROUP CO., LTD.	09/10/2019	4372703	24166473.9	
4373433	Stryker Corporation	23/07/2022	4373433	22783590.7	
	Stryker European Operations Limited				
4374076	Assytech S.R.L.	15/07/2022	4374076	22741863.9	
4374127	Bayerische Motoren Werke Aktiengesellschaft	24/06/2022	4374127	22735167.3	German
4374182	Samsung Electronics Co., Ltd.	09/06/2022	4374182	22898732.7	
4374751	BSH Hausgeräte GmbH	27/10/2023	4374751	23206466.7	German
4375052	Dukane IAS, LLC	18/12/2019	4375052	24169507.1	
4375066	Shifamed Holdings, LLC	15/11/2016	4375066	24161249.8	
4375090	The Goodyear Tire & Rubber Company	17/11/2023	4375090	23210537.9	
4375145	Klaiqi, Sahit	14/11/2023	4375145	23209845.9	German
4375447	WEDA Holland B.V.	03/11/2023	4375447	23207715.6	
4375781	Hamilton Sundstrand Corporation	23/11/2022	4375781	22209219.9	
4376072	STMicroelectronics S.r.l.	13/10/2023	4376072	23203555.0	
4377571	Hammelmann GmbH	05/05/2022	4377571	22728358.7	German
4378229	Nokia Technologies Oy	30/07/2021	4378229	21752548.4	
4378360	Miele & Cie. KG	08/11/2023	4378360	23208491.3	German
4378766	Honeywell International Inc.	07/11/2023	4378766	23208363.4	
4378887	Consejo Superior De Investigaciones Científicas	01/12/2022	4378887	22383163.7	
4379183	Forum US, Inc.	29/11/2023	4379183	23213141.7	
4380034	Huawei Digital Power Technologies Co., Ltd.	29/11/2023	4380034	23213066.6	
4380180	Kovilta Oy	29/11/2022	4380180	22210284.0	
4380295	Samsung Electronics Co., Ltd.	30/01/2020	4380295	24168665.8	
4381003	Universität Stuttgart	03/08/2022	4381003	22777950.1	German
4381027	Dreamsoft OY	20/06/2022	4381027	22737929.4	

4381842	Telefonaktiebolaget LM Ericsson (publ)	03/08/2022	4381842	22768466.9	
4382653	BERNINA International AG	05/12/2023	4382653	23214158.0	German
4382676	Sumitomo Heavy Industries, LTD.	22/11/2023	4382676	23211534.5	
4382745	Wobben Properties GmbH	08/12/2022	4382745	22212206.1	German
4384427	Daimler Truck AG	02/08/2022	4384427	22760713.2	German
4384561	BASF SE	10/08/2022	4384561	22761000.3	
4384652	H2i GreenHydrogen GmbH	11/08/2022	4384652	22768607.8	German
4385047	Fraba B.V.	03/08/2022	4385047	22761142.3	German
4385311	Usines Claas France S.A.S	18/10/2023	4385311	23204235.8	German
4385363	Julius Blum GmbH	12/10/2020	4385363	24166145.3	German
4385452	Stratasys, Inc.	12/12/2022	4385452	22212805.0	
4385585	Sumitomo Rubber Industries, Ltd.	01/12/2023	4385585	23213597.0	
4385622	LIG GmbH	18/09/2023	4385622	23197968.3	German
4386070	Afton Chemical Corporation	21/11/2023	4386070	23211153.4	
4386225	EQ INDUSTRIAL S.R.L.	07/12/2023	4386225	23214844.5	
4386396	Huawei Technologies Co. Ltd.	23/09/2021	4386396	21957779.8	
4387087	Jinko Solar (Haining) Co., Ltd.	24/01/2023	4387087	23153029.6	
4387109	Huawei Technologies Co. Ltd.	31/08/2021	4387109	21955446.6	
4387236	Axis AB	16/12/2022	4387236	22214260.6	
4387388	Nordex Energy SE & Co. KG	16/12/2022	4387388	22214184.8	
4387389	Jiangmen Smoore New Material Co., Ltd.	07/12/2023	4387389	23214801.5	
4388028	Huntsman Advanced Materials (Switzerland) GmbH	12/08/2022	4388028	22764755.9	
4388331	Stellantis Auto SAS	14/06/2022	4388331	22741335.8	French
4388921	W. Söhngen GmbH	06/02/2023	4388921	23155219.1	German
4388925	W. Söhngen GmbH	23/01/2023	4388925	23152967.8	German
4388975	Hunan Vathin Medical Instrument Co. Ltd	13/03/2023	4388975	23810612.4	
4389008	Ziehm Imaging GmbH	30/08/2023	4389008	23194388.7	German
4389312	OK International, Inc.	28/06/2023	4389312	23182008.5	
4389469	Huf Baolong Electronics Bretten GmbH	07/12/2023	4389469	23214865.0	German
4390345	Life Safety Distribution GmbH	14/11/2023	4390345	23209894.7	
4390423	CALB Group Co., Ltd.	08/03/2023	4390423	23160676.5	
4390845	HEMOLENS DIAGNOSTICS SPÓLKA Z OGRANICZONA	22/12/2022	4390845	22461648.2	
4391005	ODPOWIEDZIALNOSCIA HAGER-ELECTRO SAS	20/12/2022	4391005	22315337.0	French
4391331	PHOENIX CONTACT GmbH & Co. KG				
4391331	Grob-Werke GmbH & Co. KG	20/12/2022	4391331	22215127.6	German
4391980	Essity Hygiene and Health Aktiebolag	05/10/2021	4391980	21790113.1	
4392488	Nissan Chemical America Corporation	26/08/2022	4392488	22797135.5	
4392697	Emerson Process Management Regulator Technologies, Inc.	24/08/2022	4392697	22769495.7	
4392847	Microsoft Technology Licensing, LLC	30/06/2022	4392847	22747864.1	
4392952	Incare	02/12/2022	4392952	22834486.7	French
4393277	Rittal GmbH & Co. KG	01/08/2022	4393277	22753601.8	German
4393373	Hunan Vathin Medical Instrument Co. Ltd	17/10/2022	4393373	22938233.8	
4393389	BIOSENSE WEBSTER (ISRAEL) LTD.	22/12/2023	4393389	23219697.2	
4394306	Zhuhai Meo Optical Instruments Co., Ltd.	28/04/2023	4394306	23848956.1	
4394881	Hitachi Energy Ltd	30/12/2022	4394881	22217357.7	
4394892	LG Display Co., Ltd.	07/09/2023	4394892	23196115.2	
4395524	Siemens Healthcare Limited	28/12/2023	4395524	23220497.4	
4395640	Eli Lilly and Company	01/09/2022	4395640	22778121.8	
4396306	Neste Oyj	30/08/2022	4396306	22765589.1	
4396593	Rizzo, Giuseppe Romano, Pietro Imburgia, Antonino Ala, Guido	02/09/2022	4396593	22792927.0	
4396689	Xilinx, Inc.	26/05/2022	4396689	22731437.4	
4396700	Koninklijke Philips N.V.	19/08/2022	4396700	22768367.9	
4396709	Huawei Technologies Co. Ltd. Politecnico Di Torino	29/09/2021	4396709	21786179.8	
4397203	Rossignol Lange S.R.L.	04/01/2023	4397203	23425003.3	French

4397475	The Boeing Company	12/12/2023	4397475	23216020.0	
4397510	Huf Baolong Electronics Bretten GmbH	19/12/2023	4397510	23217911.9	German
4398084	Samsung Electronics Co., Ltd.	18/10/2023	4398084	23204462.8	
4398431	Lacroix Group	04/01/2024	4398431	24150322.6	French
4398855	KCI Manufacturing Unlimited Company	29/09/2022	4398855	22783048.6	
4399425	OMB Saleri S.p.A. - Societa' Benefit	09/09/2022	4399425	22777342.1	
4399532	Commissariat à l'Energie Atomique et aux Energies Alternatives	06/09/2022	4399532	22789249.4	French
4399631	International Business Machines Corporation	09/09/2022	4399631	22782689.8	
4400337	Huf Baolong Electronics Bretten GmbH	08/12/2023	4400337	23215129.0	German
4401054	Diebold Nixdorf Systems GmbH	10/01/2023	4401054	23150989.4	German
4401203	Witzenmann GmbH	01/06/2023	4401203	24172520.9	German
4401850	Dow Global Technologies LLC	30/08/2022	4401850	22777432.0	
4402402	Cryoshelter LH2 GmbH	15/09/2022	4402402	22790255.8	German
	Cryoshelter BioLNG GmbH				
4402427	ArcelorMittal	17/09/2021	4402427	21777860.4	
4402911	Audiodo AB (publ)	30/01/2023	4402911	23703374.1	
4403827	Ruß, Egon	20/01/2023	4403827	23152640.1	German
	Maggale, Anton				
4403893	Huawei Digital Power Technologies Co., Ltd.	19/12/2023	4403893	23218033.1	
4403938	Huawei Digital Power Technologies Co., Ltd.	11/12/2023	4403938	23215518.4	
4404047	Rotas Italia S.r.l.	18/01/2024	4404047	24152672.2	
4404120	apo.com Group GmbH	17/01/2023	4404120	23151935.6	German
4404421	Vorwerk & Co. Interholding GmbH	17/01/2023	4404421	23151989.3	German
4405147	B. Maier Zerkleinerungstechnik GmbH	26/09/2022	4405147	22797686.7	German
4405148	B. Maier Zerkleinerungstechnik GmbH	26/09/2022	4405148	22789583.6	German
4405277	Draghi, Claude Bruno	09/09/2022	4405277	22783535.2	French
4405523	ELECTROLUX APPLIANCES	19/09/2022	4405523	22789548.9	
	AKTIEBOLAG				
4406004	SOITEC	06/09/2022	4406004	22789252.8	French
4406196	GOOGLE LLC	20/10/2022	4406196	22809941.2	
4406465	Yunjing Intelligence (Shenzhen) Co., Ltd.	22/11/2022	4406465	22897813.6	
	Yunjing Intelligence Innovation (Shenzhen) Co., Ltd.				
4406635	TAPROGGE GmbH	29/01/2024	4406635	24154493.1	German
4406898	TK Home Solutions B.V.	30/01/2023	4406898	23153841.4	
4407239	RE ENERGY ENGINEERING EOOD	24/08/2023	4407239	23472007.6	
4407325	Ningbo Geely Automobile Research & Development Co. Ltd.	30/01/2023	4407325	23153938.8	
	Zhejiang Geely Holding Group Co., Ltd.				
4407538	Signifi Solutions Inc.	29/01/2024	4407538	24154408.9	
4407972	Seiko Epson Corporation	22/01/2024	4407972	24153093.0	
4408512	Koninklijke Philips N.V.	27/09/2022	4408512	22802514.4	
4408898	Basell Poliolefine Italia S.r.l.	13/09/2022	4408898	22786891.6	
4410178	Hunan Vathin Medical Instrument Co. Ltd	13/03/2023	4410178	23810611.6	
4411162	Zollern GmbH & Co. KG	08/01/2024	4411162	24150752.4	German
4411980	Huawei Digital Power Technologies Co., Ltd.	23/09/2020	4411980	23206744.7	
4412084	Toward Technologies, Inc.	10/05/2023	4412084	23172489.9	
4412186	Telefonaktiebolaget LM Ericsson (publ)	19/05/2021	4412186	24164139.8	
4412922	VKR Holding A/S	07/10/2022	4412922	22801698.6	
4413213	CLT Factory, SIA	10/10/2022	4413213	22801904.8	
4413238	SAFRAN AIRCRAFT ENGINES	30/09/2022	4413238	22789978.8	French
	Safran Ceramics				
4413601	Ricoh Company, Ltd.	26/09/2022	4413601	22789704.8	
4413623	BASF SE	28/09/2022	4413623	22800108.7	
4413624	Accelleron Switzerland Ltd.	06/10/2022	4413624	22782899.3	
4413651	Safran Electrical & Power	28/09/2022	4413651	22793552.5	French
4413905	BV Solutions GmbH	26/01/2024	4413905	24154087.1	German

4414650	Zhejiang Yifei Technology Co., Ltd	19/04/2023	4414650	23168624.7	
4415955	Leonardo S.p.a.	13/10/2022	4415955	22800777.9	
4416260	Kanadevia Inova AG	12/10/2022	4416260	22802566.4	German
4416418	A. Raymond et Cie	30/09/2022	4416418	22777271.2	French
4416566	VOLVO TRUCK CORPORATION	15/10/2021	4416566	21797962.4	
4416585	Qualcomm Incorporated	12/10/2022	4416585	22801662.2	
4416777	Safran Power Units	03/10/2022	4416777	22800166.5	French
4416782	Safran Power Units	03/10/2022	4416782	22800612.8	French
4416831	AUDI AG	28/10/2022	4416831	22812564.7	German
4418152	Telefonica Innovacion Digital SL	15/02/2023	4418152	23382139.6	
4418313	Huawei Technologies Co. Ltd.	16/11/2021	4418313	21964320.2	
4418603	Telefonica Innovacion Digital SL	15/02/2023	4418603	23382138.8	
4419050	Lohmann GmbH & Co. KG	25/01/2022	4419050	22708343.3	German
	Witte Technology GmbH				
	Covestro Deutschland AG				
4419264	Guala Dispensing S.p.A.	20/10/2022	4419264	22801544.2	
4419343	Jaguar Land Rover Limited	18/10/2021	4419343	21797979.8	
4419464	INVENTIO AG	08/10/2022	4419464	22797088.6	
4419581	Dow Global Technologies LLC	07/10/2022	4419581	22797238.7	
	Dow Silicones Corporation				
4419879	Philip Morris Products S.A.	22/10/2021	4419879	21790055.4	
4420230	KONE Corporation	20/10/2021	4420230	21798018.4	
4420764	Johnson Matthey Public Limited Company	01/02/2024	4420764	24155351.0	
4420770	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude	23/02/2023	4420770	23158120.8	
4422459	Sulapro, Sia	12/10/2022	4422459	22797128.0	
4424504	António Cameira Eiras, Unipessoal Lda	04/03/2024	4424504	24161246.4	
4426140	Philip Morris Products S.A.	04/11/2022	4426140	22813258.5	
4426954	Dissing A/S	01/11/2022	4426954	22802511.0	
4429560	Koninklijke Philips N.V.	03/11/2022	4429560	22813920.0	
4429743	Löwenstein Medical Technology S.A.	09/11/2021	4429743	21806268.5	German
4429759	Medtronic, Inc.	14/10/2022	4429759	22797869.9	
4430468	EPLAN GmbH & Co. KG	13/10/2022	4430468	22797272.6	German
4430808	Huawei Technologies Co. Ltd.	11/02/2022	4430808	22709628.6	
4431341	Renault s.a.s	07/03/2024	4431341	24162054.1	French
4431552	Borealis GmbH	14/03/2023	4431552	23161745.7	
4431683	emz-Hanauer GmbH & Co. KGaA	30/01/2024	4431683	24154784.3	German
4434032	Dolby Laboratories Licensing Corporation	26/10/2022	4434032	22803440.1	
4434466	Siemens Healthineers AG	23/03/2023	4434466	23163685.3	German
4434565	INOSYSTEMS	05/03/2024	4434565	24161484.1	French
4434674	Lumus Ltd.	17/11/2020	4434674	23187278.9	
4434716	Hegler, Ralph-Peter, Dr.-Ing.	21/03/2023	4434716	23163153.2	German
4436351	NAIO-Technologies	24/11/2022	4436351	22822360.8	French
4436744	Aixlens GmbH	16/08/2022	4436744	22768619.3	German
4437040	Hilti Aktiengesellschaft	14/11/2022	4437040	22818237.4	German
4437165	Vito NV	23/11/2022	4437165	22822340.0	
4437194	Bonifacio, Luca Antonio Ignazio	22/11/2022	4437194	22814186.7	
4438233	Nanjing Chervon Industry Co., Ltd.	29/01/2024	4438233	24154304.0	
4438436	Hitachi, Ltd.	30/03/2023	4438436	23165637.2	
4440667	Merxin Ltd	28/11/2022	4440667	22830303.8	
4440992	Echion Technologies Limited	05/05/2023	4440992	23724368.8	
4441305	EMPA Eidgenössische Materialprüfungs- und Forschungsanstalt	25/11/2022	4441305	22822424.2	
4441446	Lineage Logistics, LLC	30/11/2022	4441446	22843534.3	
4442167	Sitour	03/04/2023	4442167	23166278.4	French
4443460	Schneider Electric Industries SAS	20/03/2024	4443460	24305412.9	
4444708	Pfizer Inc.	05/12/2022	4444708	22818912.2	
4445792	FP Systeme	12/04/2024	4445792	24169975.0	French
4446163	Maxi Miliaan B.V.	14/04/2023	4446163	23167971.3	

4446520	Protektorwerk Florenz Maisch GmbH & Co. KG	11/04/2023	4446520	24196969.0	German
4446613	Tsubaki Kabelschlepp GmbH	28/03/2024	4446613	24167333.4	German
4448430	INVENTIO AG	01/12/2022	4448430	22823528.9	German
4450448	Pister Equipment GmbH i.G.	20/04/2023	4450448	23169048.8	German
4450792	PRATT & WHITNEY CANADA CORP.	16/04/2024	4450792	24170652.2	
4451302	SCHNEIDER ELECTRIC INDUSTRIES SAS	10/04/2024	4451302	24169373.8	
4452504	Commissariat à l'Energie Atomique et aux Energies Alternatives	05/12/2022	4452504	22840254.1	French
4452786	MARTISTEL INNOVATION FZCO	18/01/2024	4452786	24704238.5	
4453362	Effegi Brevetti S.r.l.	21/12/2022	4453362	22840746.6	
4456856	Fenix Group S.r.l.	21/12/2022	4456856	22835904.8	
4456905	MRM Health NV	26/12/2022	4456905	22844182.0	
4459264	Heraeus Quartz North America LLC	29/02/2024	4459264	24160403.2	
4460553	Unilever Global IP Limited	16/12/2022	4460553	22839730.3	
4460614	Elka Torantriebe GmbH u. Co. Betriebs KG	05/01/2023	4460614	23704870.7	German
4461496	Piovan S.P.A.	18/03/2021	4461496	24178733.2	
4461732	Molecular Horizon S.r.l.	09/05/2023	4461732	23425020.7	
4462403	Volvo Autonomous Solutions AB	12/05/2023	4462403	23173047.4	
4463272	Syncro S.r.l.	13/01/2023	4463272	23704417.7	
4463452	Anima Biotech Inc.	15/03/2023	4463452	23728146.4	
4465142	Volvo Autonomous Solutions AB	17/05/2023	4465142	23173944.2	
4465955	Unilever Global IP Limited	10/11/2022	4465955	22817573.3	
4469810	Pucki GmbH	04/04/2024	4469810	24716798.4	
4470727	SICK AG	31/05/2023	4470727	23176264.2	German
4471244	FLAP Competence Center kft	31/05/2023	4471244	23176481.2	German
4472035	Airbus (S.A.S.)	14/05/2024	4472035	24175746.7	French
4472203	Dolby Laboratories Licensing Corporation	06/12/2012	4472203	24207176.9	
4473162	Polygreen SRL	27/12/2022	4473162	22854417.7	
4473182	Siegenia-Aubi KG	20/12/2022	4473182	22840676.5	German
4474181	Thermo King LLC	08/06/2023	4474181	23178261.6	
4474288	Airbus Helicopters	22/02/2024	4474288	24159154.4	French
4474321	Ricoh Company, Ltd.	03/06/2024	4474321	24179628.3	
4474501	LA FARGA YOURCOPPERSOLUTIONS, S.A.	08/06/2023	4474501	23382565.2	
4474857	Axis AB	05/06/2023	4474857	23177274.0	
4475167	Infineon Technologies AG	06/06/2023	4475167	23177665.9	
4475484	Mastercard International Incorporated	24/11/2023	4475484	23212119.4	
4477815	Gehring, Carsten	13/06/2023	4477815	23179032.0	German
4478012	Tinghino, Biagio				
4478012	Mettler-Toledo GmbH	13/06/2023	4478012	23179044.5	
4478138	SICK AG	15/06/2023	4478138	23179420.7	German
4478400	Infineon Technologies AG	13/06/2023	4478400	23178918.1	
4480745	4NRJ	06/06/2024	4480745	24180473.1	French
4481392	Changsha Imadek Intelligent Technology Co., Ltd.	24/10/2023	4481392	23205522.8	
4483080	Trelleborg Sealing Solutions Germany GmbH	10/05/2023	4483080	23725241.6	German
4484686	SICK AG	29/06/2023	4484686	23182465.7	
4485894	SAGEMCOM ENERGY & TELECOM SAS	25/06/2024	4485894	24184434.9	French
4485960	Axis AB	26/06/2023	4485960	23181427.8	
4486213	Koninklijke Philips N.V.	22/02/2023	4486213	23706030.6	
4487184	Siemens Aktiengesellschaft	01/06/2023	4487184	23731968.6	German
4487731	Guangdong Jinrui Travel Products Co., Ltd.	31/08/2023	4487731	23194714.4	
4488996	Dolby International AB	23/06/2011	4488996	24214429.3	
4489699	Koninklijke Philips N.V.	25/06/2023	4489699	23736016.9	
4490238	QNA Technology S.A.	24/02/2023	4490238	23716374.6	
4492015	Rolls-Royce plc	12/06/2024	4492015	24181719.6	
4493612	3M Innovative Properties Company	14/06/2023	4493612	23736470.8	

4497183	AVL List GmbH	12/06/2023	4497183	23742179.7	German
4498443	Kabushiki Kaisha Toshiba	23/02/2024	4498443	24159344.1	
4499494	Sellen, Stephan	31/03/2023	4499494	23713689.0	
4501815	Daifuku Co., Ltd.	29/07/2024	4501815	24191521.4	
4502574	Endress+Hauser SICK GmbH+Co. KG	03/08/2023	4502574	23189484.1	German
4503022	Dolby International AB	24/10/2006	4503022	24220474.1	
4504022	Winterhalter Product & Technology GmbH	17/03/2023	4504022	23712511.7	German
4504570	Mercedes-Benz Group AG	14/01/2024	4504570	24700946.7	German
4505086	Mercedes-Benz Group AG	07/06/2023	4505086	23731621.1	German
4505899	Serman, Leonid Vitalievich	09/08/2023	4505899	23190472.3	
4506495	TP Inc.	28/09/2023	4506495	23200360.8	
4506531	Scherzinger, Jochen A.	07/08/2024	4506531	24193329.0	German
4507549	Versuni Holding B.V.	04/04/2024	4507549	24716784.4	
4507551	Versuni Holding B.V.	13/05/2024	4507551	24727179.4	
4509758	Trieco (Huizhou) Co., Ltd	17/10/2023	4509758	23204009.7	
4511763	Siemens Industry Software Inc.	16/06/2022	4511763	22743690.4	
4517749	Dolby International AB	15/01/2010	4517749	25151658.9	
4526276	Groown s.r.o.	14/03/2024	4526276	24723452.9	
4529086	Siemens Aktiengesellschaft	19/09/2023	4529086	23198264.6	German
4549771	KEB Automation KG	02/11/2023	4549771	23207523.4	German
4561450	Siemens Shanghai Medical Equipment Ltd.	26/06/2023	4561450	23745395.6	
4572863	Neoflo	08/08/2023	4572863	23754286.5	French

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2128819	Kabushiki Kaisha Toshiba	12/02/2008	2128819	08720711.4	
2211775	Implantica Patent Ltd.	10/10/2008	2211775	08838272.6	
2318748	BL Technologies, Inc.	08/06/2009	2318748	09789771.4	
2384193	Armstrong, Ernest T.	21/12/2009	2384193	09836163.7	
2480043	Huizhou TCL Mobile Communication Co., Ltd.	25/06/2010	2480043	10816614.1	
2543636	Tokyo Metropolitan Industrial Technology Research Institute	03/03/2011	2543636	11750758.2	
2580696	Hitachi Energy Ltd	11/06/2011	2580696	11726305.3	
2603098	Firmenich Incorporated	12/08/2011	2603098	11817131.3	
2714796	Braskem America, Inc.	23/05/2012	2714796	12790230.2	
2724029	Watt Fuel Cell Corp.	15/06/2012	2724029	12730332.9	
2838528	BELX BIO-PHARMACEUTICAL (TAIWAN) CORPORATION	14/05/2013	2838528	13868008.7	
2864042	Advanced Refining Technologies, LLC	20/06/2013	2864042	13807510.6	
2865056	TRUMPF Photonic Components GmbH	26/06/2013	2865056	13765444.8	
2866826	Meiragtx UK II Limited	26/06/2013	2866826	13737683.6	
2921528	LG Chem, Ltd.	24/09/2014	2921528	14849374.5	
2951648	Carl Zeiss Meditec AG	31/01/2014	2951648	14702258.6	
2988819	Loma Vista Medical, Inc.	24/04/2014	2988819	14732666.4	
3007568	Griffith Foods Limited	13/06/2014	3007568	14810485.4	
3008141	Kraton Chemical, LLC	14/06/2014	3008141	14810547.1	
3016623	Ruggli AG	30/06/2014	3016623	14744475.6	
3038537	OCCLUTECH GmbH	30/05/2014	3038537	14733907.1	
3097383	Nova Measuring Instruments, Inc.	16/01/2015	3097383	15739786.0	
3102070	The Morel Company LLC	13/03/2015	3102070	15760833.2	
3108468	Samsung Electronics Co., Ltd.	16/02/2015	3108468	15748997.2	
3123178	Brooks Automation, Inc.	30/03/2015	3123178	15715117.6	
3147369	Ajinomoto Co., Inc.	21/05/2015	3147369	15796845.4	
	Spiber Inc.				
3149143	Novozymes A/S	28/05/2015	3149143	15724701.6	
3149490	The General Hospital Corporation	01/06/2015	3149490	15799372.6	
3151920	Salk Institute for Biological Studies	04/06/2015	3151920	15803740.8	
	Sanford-Burnham Medical Research Institute				
3155302	Horiba Stec, Co., Ltd.	12/06/2015	3155302	15805948.5	
3157735	Kulzer GmbH	17/06/2015	3157735	15730136.7	German

3160448	Ramot at Tel-Aviv University Ltd.	25/06/2015	3160448	15810818.3	
3160739	Dow Global Technologies LLC	26/06/2015	3160739	15734534.9	
3166597	Azanta Danmark A/S	10/07/2015	3166597	15750921.7	
3166638	Glykos Finland Oy	12/06/2015	3166638	15733782.5	
3179944	Invuity, Inc.	04/08/2015	3179944	15831605.9	
3184680	Spindelfabrik Suessen GmbH	13/12/2016	3184680	16203779.0	German
3208905	TEYPRA S.R.L.	20/02/2017	3208905	17156968.4	
3220931	Inguran, LLC	20/11/2015	3220931	15860335.7	
3230757	Synaptive Medical Inc.	09/12/2014	3230757	14908046.7	
3235559	Bioneer Corporation	01/10/2015	3235559	15870181.3	
3237020	Bluewave Technologies, Inc.	22/12/2015	3237020	15874321.1	
3251690	Randox Laboratories Ltd.	31/05/2017	3251690	17173678.8	
3257666	Essilor International	17/06/2016	3257666	16305742.5	
3260281	The Boeing Company	19/05/2017	3260281	17171932.1	
3267644	Electronics and Telecommunications Research Institute	11/02/2016	3267644	16761897.4	
3283084	Psomagen, Inc.	13/04/2016	3283084	16780667.8	
3284533	Mitsubishi Heavy Industries, Ltd.	13/04/2016	3284533	16780071.3	
3285579	KOP-COAT, INC.	06/10/2015	3285579	15888056.7	
3287129	Yamada Bee Company, Inc.	04/04/2016	3287129	16782980.3	
	National University Corporation Kumamoto University				
3289746	Intel Corporation	23/03/2016	3289746	16786882.7	
3294420	Unilever Global IP Limited	09/05/2016	3294420	16722158.9	
3294993	Nuovo Pignone Technologie - S.r.l.	12/05/2016	3294993	16721842.9	
3302916	Somocap	19/04/2016	3302916	16719351.5	French
	Epsilon Composite				
3303440	Evonik Operations GmbH	01/06/2016	3303440	16729162.4	
3303533	Centre National de la Recherche Scientifique CNRS	30/05/2016	3303533	16732237.9	
	Université Côte d'Azur				
3304065	Advanced Engineering Solutions Ltd.	25/05/2016	3304065	16729966.8	
3306819	Analog Devices, Inc.	04/10/2017	3306819	17194770.8	
3310197	6D Helmets, LLC	17/06/2016	3310197	16735776.3	
3310730	Université Grenoble Alpes	17/06/2016	3310730	16741089.3	French
	Institut Polytechnique de Grenoble				
3310794	Marx, Vanessa M.	20/06/2016	3310794	16812640.7	
	Grubbs, Robert H.				
	California Institute of Technology				
3310820	Council of Scientific and Industrial Research	22/06/2016	3310820	16753482.5	
3313880	Bristol-Myers Squibb Company	28/06/2016	3313880	16734545.3	
3315951	JFE Steel Corporation	22/06/2016	3315951	16814392.3	
3317116	Tarkett GDL	17/06/2016	3317116	16730826.1	
3317717	Telefonaktiebolaget LM Ericsson (PUBL)	30/06/2015	3317717	15738776.2	
3317812	Climate LLC	28/06/2016	3317812	16818613.8	
3317938	CPS Technology Holdings LLC	30/06/2016	3317938	16738977.4	
3318903	Xinmei Fontana Holding (Hong Kong) Limited	09/03/2017	3318903	17763598.4	
3325321	IFP Energies nouvelles	22/06/2016	3325321	16736806.7	French
3327140	Gen-Probe Incorporated	16/09/2011	3327140	17199730.7	
3328833	Vilnius University	01/09/2015	3328833	15766651.2	
3334238	Sharp Kabushiki Kaisha	08/08/2016	3334238	16835161.7	
3348244	MDT Medical Development & Technology Medical Instruments Division B.V.	16/01/2018	3348244	18151830.9	
3349697	Össur Iceland EHF	16/09/2016	3349697	16774586.8	
3350470	ContiTech Deutschland GmbH	13/06/2016	3350470	16729545.0	German
3355959	Medtronic MiniMed, Inc.	20/09/2016	3355959	16774771.6	
3357515	Daicel Corporation	21/09/2016	3357515	16851321.6	
3358692	Green Running Limited	02/02/2018	3358692	18154814.0	
3359264	Marioff Corporation OY	06/10/2015	3359264	15784072.9	
3359661	President and Fellows of Harvard College	07/10/2016	3359661	16854392.4	

3362845	Essilor International	11/10/2016	3362845	16781378.1	
3366802	Nippon Steel Corporation	20/10/2016	3366802	16857520.7	
3367773	Fuji Corporation	21/10/2015	3367773	15906667.9	
3368136	ConvaTec Technologies Inc.	27/10/2016	3368136	16860793.5	
3370639	Health Corporation of Galilee Medical Center	03/11/2016	3370639	16861732.2	
3371817	HM Power AB	04/11/2016	3371817	16804898.1	
3373829	Cardiac Pacemakers, Inc.	11/11/2016	3373829	16802206.9	
3375400	KB Medical SA	16/03/2018	3375400	18162301.8	
3376221	Chromaleont SRL	24/05/2011	3376221	18170961.9	
3377461	Sabic Agri-Nutrients Company	11/11/2016	3377461	16866888.7	
3378132	Harting Electronics GmbH	09/11/2016	3378132	16801947.9	German
3378914	Sekisui Chemical Co., Ltd.	18/11/2016	3378914	16866452.2	
3379172	Commissariat à l'Energie Atomique et aux Energies Alternatives	23/03/2018	3379172	18163528.5	French
3383139	BSH Hausgeräte GmbH	16/03/2018	3383139	18162372.9	German
3384494	Bygge Technologies Inc.	30/11/2016	3384494	16876367.0	
3384621	Lenovo Innovations Limited (Hong Kong)	13/01/2016	3384621	16884367.0	
3386886	Focke & Co. (GmbH & Co. KG)	02/11/2016	3386886	16790524.9	German
3388975	Idemia Identity & Security France Commissariat à l'Energie Atomique et aux Energies Alternatives	10/04/2018	3388975	18166584.5	French
3389399	Centro Nacional de Tecnología y Seguridad alimentaria (CNTA) Universidad de Navarra	16/12/2016	3389399	16822937.5	
3389972	Teijin Automotive Technologies, Inc.	14/12/2016	3389972	16876520.4	
3393772	Compagnie Générale des Etablissements Michelin	20/12/2016	3393772	16826417.4	French
3395797	Kyowa Kirin Co., Ltd.	26/12/2016	3395797	16879056.6	
3397411	Calderys France, S.A.S.	15/12/2016	3397411	16809840.8	
3400034	Bivacor Inc.	06/01/2017	3400034	17702181.3	
3401593	Universal Display Corporation	29/05/2013	3401593	18173476.5	
3401945	Shimadzu Corporation	03/05/2018	3401945	18170686.2	
3402413	Teleflex Life Sciences LLC	13/01/2017	3402413	17703510.2	
3402801	Innate Tumor Immunity, Inc.	11/01/2017	3402801	17704338.7	
3403206	Nymbl Science, Inc.	09/01/2017	3403206	17705946.6	
3405332	Cytec Industries Inc.	22/01/2017	3405332	17703558.1	
3413788	Establishment Labs S.A.	08/02/2017	3413788	17717214.5	
3414395	Stora Enso Oyj	10/02/2017	3414395	17707671.8	
3414900	HFI Innovation Inc.	13/03/2017	3414900	17765801.0	
3416199	The Boeing Company	06/06/2018	3416199	18176224.6	
3416549	Impedimed Limited	15/02/2017	3416549	17752564.9	
3417163	Raytheon Company	24/08/2016	3417163	16847612.5	
3418189	Airbus Operations Limited	25/06/2018	3418189	18179489.2	
3418851	AQUALISA PRODUCTS LIMITED	28/02/2018	3418851	18159283.3	
3421908	Heatcraft Refrigeration Products LLC	13/06/2018	3421908	18177478.7	
3422366	Nexans	22/06/2018	3422366	18179221.9	French
3430015	Oryzon Genomics, S.A.	16/03/2017	3430015	17716799.6	
3431129	The General Hospital Corporation	14/03/2014	3431129	18191624.8	
3431422	Krones Aktiengesellschaft	02/07/2018	3431422	18181203.3	German
3433424	Kemira Oyj	22/03/2017	3433424	17715960.5	
3434535	TOYOTA JIDOSHA KABUSHIKI KAISHA	08/06/2018	3434535	18176783.1	
3435092	Hitachi High-Tech Corporation	31/01/2017	3435092	17769663.0	
3435354	Hitachi Astemo, Ltd.	31/01/2017	3435354	17769661.4	
3436467	Ayuviz Research, Inc.	30/03/2017	3436467	17776618.5	
3445439	Cambridge University Hospitals NHS Foundation Trust Cambridge Enterprise Limited	21/04/2017	3445439	17725721.9	
3450301	Yamaha Hatsudoki Kabushiki Kaisha	03/09/2018	3450301	18192197.4	
3454253	Bundesdruckerei GmbH	28/08/2018	3454253	18191090.2	German
3454562	CANON KABUSHIKI KAISHA	09/08/2018	3454562	18188309.1	

3455264	MSI Coatings Inc.	12/05/2017	3455264	17796944.1	
3455626	S.D. Sight Diagnostics Ltd.	11/05/2017	3455626	17728277.9	
3456442	Sandvik Intellectual Property AB	15/09/2017	3456442	17191355.1	
3456947	VOLKSWAGEN AKTIENGESELLSCHAFT	30/08/2018	3456947	18191584.4	German
3459679	Jakob Löwer Inh. von Schumann GmbH & Co. KG	07/09/2018	3459679	18193141.1	German
3459982	Kuraray Co., Ltd.	17/05/2017	3459982	17799407.6	
3460392	The Boeing Company	01/06/2018	3460392	18175541.4	
3460658	Huawei Technologies Co., Ltd.	12/06/2017	3460658	17812658.7	
3463020	Brevets Assistio Inc.	30/05/2017	3463020	17805445.8	
3463698	Postprocess Technologies Inc.	01/06/2017	3463698	17807498.5	
3464374	City of Hope Board of Regents, The University of Texas System	06/06/2017	3464374	17739364.2	
3465847	The General Hospital Corporation	05/06/2017	3465847	17807653.5	
3471133	Toray Industries, Inc.	29/05/2017	3471133	17810151.5	
3471592	OtoNexus Medical Technologies, Inc.	17/06/2017	3471592	17815982.8	
3471743	Fred Hutchinson Cancer Center	16/06/2017	3471743	17814207.1	
3472468	Sonceboz Automotive SA	19/06/2017	3472468	17732855.6	French
3472806	Immersive Robotics Pty Ltd	14/06/2017	3472806	17812313.9	
3474663	BASF SE	23/06/2017	3474663	17731180.0	German
3474901	Tagworks Pharmaceuticals B.V.	27/06/2017	3474901	17737906.2	
3474943	Purdue Research Foundation	22/06/2017	3474943	17816256.6	
3475496	Hickory Design Pty Ltd	05/06/2017	3475496	17814314.5	
3476056	Ergylink	07/06/2017	3476056	17731647.8	French
3477883	ZTE Corporation	23/06/2017	3477883	17814767.4	
3479155	Microsoft Technology Licensing, LLC	13/06/2017	3479155	17732274.0	
3481504	Carthera	06/07/2017	3481504	17737551.6	French
3481610	Villeroy & Boch AG	28/06/2017	3481610	17737231.5	German
3482529	Samsung Electronics Co., Ltd.	25/08/2017	3482529	17843999.8	
3483594	Canon Kabushiki Kaisha	19/06/2017	3483594	17823977.8	
3486474	Yanmar Power Technology Co., Ltd.	20/06/2017	3486474	17827351.2	
3488867	Fuji Corporation	19/07/2016	3488867	16909489.3	
3489001	Afros S.P.A.	22/11/2017	3489001	17203089.2	
3489606	Danfoss A/S	15/10/2018	3489606	18200292.3	
3493676	Exion Labs Inc.	27/07/2017	3493676	17835296.9	
3494806	Chr. Hansen HMO GmbH	08/12/2017	3494806	17206223.4	
3495385	Takeda Pharmaceutical Company Limited	14/12/2011	3495385	18208034.1	
3495479	Novozymes A/S	17/10/2012	3495479	18213265.4	
3496512	Rockwell Collins, Inc.	30/11/2018	3496512	18209582.8	
3498175	PROLAGEN Co., Ltd. Raphas Co., Ltd.	03/07/2017	3498175	17839657.8	
3498507	DENSO THERMAL SYSTEMS S.p.A.	29/06/2017	3498507	17839096.9	
3499082	The Boeing Company	04/06/2015	3499082	18248074.9	
3499300	Goertek Technology Co., Ltd.	14/11/2017	3499300	17885436.0	
3500614	Eastman Chemical Company	17/08/2017	3500614	17762262.8	
3500615	Eastman Chemical Company	17/08/2017	3500615	17765498.5	
3501910	Valeo Electrification	11/12/2018	3501910	18211651.7	French
3502426	RTX Corporation	19/10/2018	3502426	18201543.8	
3504574	The United States of America, as represented by the Secretary, Department of Health and Human Services	06/06/2018	3504574	18814333.3	
3505995	LG Chem, Ltd.	13/10/2017	3505995	17860295.9	
3506845	Longevity Neuro Solutions LLC The Johns Hopkins University	30/08/2017	3506845	17847433.4	
3507549	Gammerler, Gunter Frank, Maximilian MG Heat, LLC	31/08/2017	3507549	17847551.3	
3508232	Toray Industries, Inc.	22/08/2017	3508232	17846214.9	
3509189	General Electric Technology GmbH	08/01/2018	3509189	18290001.9	
3509306	KT Corporation	31/08/2017	3509306	17847013.4	

3509557	Ecole Polytechnique Fédérale de Lausanne (EPFL)	11/09/2017	3509557	17781182.5	
3513094	ContiTech Deutschland GmbH	19/06/2017	3513094	17734263.1	German
3514878	GS Yuasa International Ltd.	19/10/2017	3514878	17861595.1	
3518758	Medtronic Monitoring, Inc.	27/09/2017	3518758	17780972.0	
3520809	Emory University	01/02/2013	3520809	18196067.5	
3522205	Fuji Corporation	28/09/2016	3522205	16917660.9	
3522833	Otto Bock Healthcare Products GmbH	20/09/2017	3522833	17769090.6	German
3523325	Poseida Therapeutics, Inc.	06/10/2017	3523325	17791508.9	
3523366	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	13/09/2017	3523366	17768085.7	
3524302	Nli GmbH	08/02/2018	3524302	18155701.8	German
3525657	Optos PLC	10/10/2017	3525657	17781483.7	
3528036	Essilor International	15/02/2018	3528036	18305152.3	
3528720	MAKO Surgical Corp.	20/10/2017	3528720	17795122.5	
3528939	Interfacial Consultants LLC	19/10/2017	3528939	17808624.5	
3529263	Altor BioScience Corporation	21/10/2017	3529263	17861811.2	
	Nantcell, Inc.				
3529988	EXTREME NETWORKS, INC.	04/10/2017	3529988	17862174.4	
3530222	Chen, Hua	18/10/2016	3530222	16919528.6	
	Tang, Peifu				
	Tianjin Zhengtian Medical Instrument Co., Ltd.				
3530826	Dallmer GmbH & Co. KG	22/02/2018	3530826	18158120.8	German
3532429	Board of Regents, The University of Texas System	26/10/2017	3532429	17866088.2	
3533493	Hitachi High-Tech Corporation	18/12/2018	3533493	18213303.3	
3533766	Metawater Co., Ltd.	11/10/2017	3533766	17864396.1	
	Senko Riken Co., Ltd.				
	Nikkiso Co., Ltd.				
3535732	Koninklijke Philips N.V.	27/10/2017	3535732	17787938.4	
3536612	Matsuya R&D Co., Ltd	31/10/2017	3536612	17868210.0	
3538401	Robert Bosch GmbH	04/10/2017	3538401	17781069.4	German
3539184	Amphenol Corporation	31/10/2017	3539184	17869614.2	
3539333	QUALCOMM Incorporated	10/11/2017	3539333	17808265.7	
3539587	Fresenius Medical Care Holdings, Inc.	07/03/2014	3539587	19166661.9	
3540410	ATLAS COPCO AIRPOWER, naamloze vennootschap	14/04/2016	3540410	19173205.6	
3541743	HYDROGENIOUS LOHC TECHNOLOGIES GMBH	24/10/2017	3541743	17797546.3	German
3543191	Otis Elevator Company	14/03/2019	3543191	19162771.0	
3543990	Candy S.p.A.	19/03/2019	3543990	19163750.3	
3544356	ZTE Corporation	25/09/2017	3544356	17854805.3	
3546512	Sumitomo Rubber Industries, Ltd.	17/11/2017	3546512	17874943.8	
3547358	Elta Systems Ltd.	27/03/2019	3547358	19165468.0	
3547594	Acer Incorporated	25/03/2019	3547594	19165031.6	
3548685	Warren Industries Ltd.	01/12/2017	3548685	17876439.5	
3551301	Toca Football, Inc.	27/01/2017	3551301	17878588.7	
3552001	Applied Vision Corporation	07/12/2017	3552001	17879061.4	
3552769	Yamabiko Corporation	25/02/2019	3552769	19158990.2	
3553902	Gigaphoton Inc.	08/12/2016	3553902	16923248.5	
3556782	Osaka Organic Chemical Industry Co., Ltd.	16/01/2018	3556782	18742317.3	
	The School Corporation Kansai University				
3556878	POSCO Co., Ltd	19/12/2017	3556878	17884042.7	
3556924	LG Electronics Inc.	12/12/2017	3556924	17879979.7	
3556934	Buckman Laboratories International, Inc.	04/06/2013	3556934	19171560.6	
3556935	Buckman Laboratories International, Inc.	04/06/2013	3556935	19171602.6	
3557649	FDK Corporation	12/12/2017	3557649	17882578.2	
3559577	GEA Process Engineering A/S	22/12/2016	3559577	16826283.0	
3559841	Grail, Inc.	22/12/2017	3559841	17838107.5	
3562511	Vivibaba, Inc	29/12/2017	3562511	17886028.4	
3563596	INTEL Corporation	28/12/2017	3563596	17835980.8	

3563853	GREEN VALLEY (SHANGHAI) PHARMACEUTICALS CO., LTD. Shanghai Institute of Materia Medica, Chinese Academy of Sciences	27/12/2017	3563853	17888733.7	
3564427	LG Electronics Inc.	28/12/2017	3564427	17889287.3	
3564543	Hünnebeck GmbH	25/04/2019	3564543	19170981.5	German
3565268	Intel Corporation	25/08/2010	3565268	19182424.2	
3565568	Replimune Limited	09/01/2018	3565568	18701924.5	
3570243	Platoon Finance Limited	28/12/2012	3570243	19184372.1	
3571040	Packsize LLC	18/01/2018	3571040	18742110.2	
3576146	Analog Devices, Inc.	24/05/2019	3576146	19176598.1	
3576453	ZTE Corporation	27/12/2017	3576453	17894533.3	
3577480	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	25/01/2018	3577480	18700780.2	
3579044	Essilor International	08/06/2018	3579044	18305702.5	
3580077	CQLT SaarGummi Technologies S.à.r.l.	08/02/2018	3580077	18706377.1	German
3580180	OceanWell Co.	09/02/2018	3580180	18751571.3	
3581212	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	11/06/2018	3581212	18177029.8	
3581790	Siemens Gamesa Renewable Energy A/S	14/06/2018	3581790	18177858.0	
3581990	ESSILOR INTERNATIONAL	12/06/2018	3581990	18305723.1	
3582707	NZ Technologies Inc.	16/02/2018	3582707	18754238.6	
3583652	Volkswagen AG AUDI AG	12/02/2018	3583652	18712452.4	
3583896	Koninklijke Philips N.V.	20/06/2019	3583896	19181514.1	
3584344	Nippon Steel Corporation	20/02/2018	3584344	18754730.2	
3586276	Google LLC	13/02/2018	3586276	18707518.9	
3586533	John Mezzalingua Associates, LLC	23/02/2018	3586533	18758407.3	
3588164	Carl Zeiss Microscopy GmbH	14/06/2019	3588164	19180398.0	German
3588364	Onfido Ltd	21/06/2018	3588364	18179055.1	
3589448	3M Innovative Properties Company	28/02/2018	3589448	18710285.0	
3590127	Dongfang Jingyuan Electron Limited	28/02/2018	3590127	18760962.3	
3590645	JFE Steel Corporation	01/03/2018	3590645	18760585.2	
3590703	TOYOBO CO., LTD.	08/02/2018	3590703	18760880.7	
3591850	QUALCOMM Incorporated	05/06/2008	3591850	19191275.7	
3594769	Omron Corporation	30/01/2018	3594769	18764456.2	
3595781	Eurosprinkler AG	12/03/2018	3595781	18720772.5	German
3595993	Berkshire Grey Operating Company, Inc.	16/03/2018	3595993	18717156.6	
3596609	Azurengine Technologies Zhuhai Inc.	13/03/2018	3596609	18766670.6	
3596961	Huawei Technologies Co., Ltd.	17/03/2017	3596961	17713198.4	
3597322	JFE Steel Corporation	06/03/2018	3597322	18767918.8	
3598206	Carl Zeiss Vision International GmbH	06/03/2018	3598206	18767258.9	
3598989	Fresenius Medical Care Deutschland GmbH	04/06/2009	3598989	19190722.9	German
3599512	Ricoh Company, Ltd.	25/06/2019	3599512	19182372.3	
3602520	Telefonaktiebolaget LM Ericsson (PUBL)	12/12/2017	3602520	17825944.6	
3603477	FUJIFILM Corporation	05/03/2018	3603477	18775941.0	
3603962	Kimi Sawa Enterprise Limited	24/06/2019	3603962	19182093.5	
3604463	NIPPON STEEL CORPORATION	13/04/2017	3604463	17903016.8	
3605677	Zeon Corporation	26/02/2018	3605677	18776083.0	
3606481	Palmera Medical, Inc.	06/04/2018	3606481	18780765.6	
3606590	Becton, Dickinson and Company	05/03/2018	3606590	18713456.4	
3607102	Novelis Inc.	04/04/2018	3607102	18719399.0	
3607467	Cyacomb Limited	12/03/2018	3607467	18711663.7	
3609004	Zeon Corporation	05/03/2018	3609004	18771653.5	
3609267	HYUNDAI MOTOR COMPANY Kia Corporation	06/08/2019	3609267	19190324.4	
3609695	Avery Dennison Corporation	14/04/2017	3609695	17722200.7	
3610339	Böni, Martin	11/04/2018	3610339	18721472.1	French
3610686	MEDIATEK INC.	11/05/2018	3610686	18798251.7	
3612031	HAMA Foodservice GesmbH	21/12/2017	3612031	17826126.9	German
3613432	Sanofi Biotechnology Regeneron Pharmaceuticals, Inc.	20/06/2014	3613432	19187112.8	

3613778	Kuraray Co., Ltd.	19/04/2018	3613778	18787889.7
3614034	Kabushiki Kaisha Toyota Jidoshokki	05/04/2018	3614034	18787230.4
3614303	Samsung Electronics Co., Ltd.	15/07/2015	3614303	19200425.7
3614385	Marvell World Trade Ltd.	21/08/2019	3614385	19192790.4
3616178	The University of Melbourne	24/04/2018	3616178	18789941.4
3618354	Siemens Aktiengesellschaft	31/05/2017	3618354	17911835.1
3618544	Huawei Technologies Co., Ltd.	03/03/2015	3618544	19172919.3
3619953	Huizhou TCL Mobile Communication Co., Ltd.	15/12/2017	3619953	17908595.6
3620488	Korea Kumho Petrochemical Co., Ltd.	06/09/2019	3620488	19195941.0
3620552	Tungaloy Corporation	03/09/2019	3620552	19195136.7
3621402	NTT DoCoMo, Inc.	02/05/2017	3621402	17908326.6
3622524	Illumina, Inc.	12/04/2019	3622524	19721182.4
3623350	Ensemble3 sp. z o.o	16/09/2019	3623350	19197562.2
3624691	Radiometer Medical ApS	15/05/2018	3624691	18725460.2
3626434	Peridot Print LLC	16/01/2014	3626434	19200526.2
3627441	Fujitsu Limited	15/05/2017	3627441	17910231.4
3627547	Infineon Technologies Austria AG	12/04/2018	3627547	19207250.2
3630277	Medtronic, Inc.	21/03/2018	3630277	18718648.1
3630428	J.R. Simplot Company	25/06/2018	3630428	18743913.8
3632008	Ciena Corporation	05/04/2018	3632008	18721152.9
3632121	Netflix, Inc.	21/05/2018	3632121	18769838.6
3632156	Sharp Kabushiki Kaisha	01/06/2018	3632156	18809460.1
3632656	ZHUHAI SAILNER 3D TECHNOLOGY CO., LTD.	03/05/2018	3632656	18805012.4
3634083	Beijing Xiaomi Mobile Software Co., Ltd.	27/05/2017	3634083	17911659.5
3634440	Kymeris Therapeutics Inc. Université de Tours Institut national de recherche pour l'agriculture, l'alimentation et l'environnement	08/06/2018	3634440	18733802.5
3634458	Fusion Farm S.r.l. Semplificata	10/05/2018	3634458	18729492.1
3634603	American Air Filter Company, Inc.	05/06/2018	3634603	18733146.7
3635194	Knauf Gips KG	08/06/2017	3635194	17732744.2
3635196	Knauf Gips KG	08/06/2017	3635196	17732746.7
3635328	RD Synergy Ltd.	06/06/2018	3635328	18813728.5
3635633	InterDigital CE Patent Holdings	05/06/2018	3635633	18730314.4
3636017	Sharp Kabushiki Kaisha	05/06/2018	3636017	18813715.2
3636563	FERAG AG	20/08/2015	3636563	19213546.5
3637302	Onfido Ltd	10/10/2018	3637302	18199633.1
3637338	The Boeing Company	24/09/2019	3637338	19199146.2
3637933	NTT DoCoMo, Inc.	08/06/2017	3637933	17912711.3
3638097	The Board of Trustees of the University of Illinois	13/06/2018	3638097	18737096.0
3638117	Attenti Electronic Monitoring LTD.	14/06/2018	3638117	18818359.4
3638335	Annabella Tech Ltd	15/06/2018	3638335	18817733.1
3638979	AMS Sensors Singapore Pte. Ltd.	14/06/2018	3638979	18817554.1
3639010	Vaxxas Pty Limited	13/06/2018	3639010	18816698.7
3639111	Fasetto, Inc.	14/06/2018	3639111	18816954.4
3639200	Intuit Inc.	16/06/2017	3639200	17734578.2
3639269	Medstar Health	15/06/2018	3639269	18740379.5
3639345	Safran Electrical & Power	12/06/2018	3639345	18773502.2
3639459	Telefonaktiebolaget LM Ericsson (Publ)	15/06/2018	3639459	18818574.8
3639616	Telefonaktiebolaget LM Ericsson (PUBL)	13/06/2018	3639616	18743581.3
3640477	Kaesser Kompressoren SE	14/03/2014	3640477	19216644.5
3640708	Bhaptics Inc.	12/06/2018	3640708	18817079.9
3641152	NTT DoCoMo, Inc.	15/06/2017	3641152	17913414.3
3641155	LG Electronics Inc.	14/06/2018	3641155	18818957.5
3641464	NTT DOCOMO, INC.	12/05/2017	3641464	17909010.5
3641544	BASF SE	21/06/2018	3641544	18731134.5
3641877	Checkpoint Surgical, Inc.	22/06/2018	3641877	18740471.0

German

French

German

3641969	Commonwealth Scientific and Industrial Research Organisation	20/06/2018	3641969	18820346.7	
3642104	TVS Motor Company Limited	19/06/2018	3642104	18820202.2	
3642155	Rutgers, the State University of New Jersey	14/06/2018	3642155	18817309.0	
3642560	Carl Zeiss SMT GmbH	01/06/2018	3642560	18728879.0	German
	Carl Zeiss Industrielle Messtechnik GmbH				
3642607	Oxford Nanopore Technologies plc	14/06/2018	3642607	18819767.7	
3642740	Cigent Technology, Inc.	20/06/2018	3642740	18820530.6	
3644732	L'OREAL	27/06/2018	3644732	18732808.3	
3644940	Virtue Labs, LLC	26/06/2018	3644940	18823871.1	
3645780	BSH Hausgeräte GmbH	08/06/2018	3645780	18729970.6	German
3645794	Obermeyer, Henry K.	30/04/2018	3645794	18823779.6	
3645895	Cummins Inc.	25/06/2018	3645895	18823244.1	
3645932	Veltek Associates, INC.	21/06/2018	3645932	18824388.5	
3646284	Koninklijke KPN N.V.	29/06/2018	3646284	18732830.7	
	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO				
3646869	Taiho Pharmaceutical Co., Ltd.	29/06/2018	3646869	18825157.3	
3646872	Kyoto University	27/06/2018	3646872	18825243.1	
3647039	Airbus Operations GmbH	29/10/2019	3647039	19205861.8	German
3648733	DSM IP Assets B.V.	28/06/2018	3648733	18735272.9	
3648734	DSM IP Assets B.V.	28/06/2018	3648734	18735271.1	
3649162	Borealis GmbH	14/06/2018	3649162	18732021.3	
3650388	KONE Corporation	06/11/2018	3650388	18204614.4	
3651210	Tamura Corporation	12/06/2018	3651210	18828534.0	
	Novel Crystal Technology, Inc.				
3652282	Chevron Oronite Company LLC	11/07/2018	3652282	18752276.8	
	Chevron Oronite SAS				
	Chevron U.S.A. Inc.				
3653584	Queen's University At Kingston	10/02/2011	3653584	19202927.0	
3654292	Telefield Medical Imaging Limited	03/07/2018	3654292	18831411.6	
3654627	NCR Voyix Corporation	28/06/2012	3654627	19217098.3	
3656176	Robert Bosch GmbH	11/06/2018	3656176	18730749.1	German
3657388	IDEX BIOMETRICS ASA	22/06/2016	3657388	20150627.6	
3657464	Pioneer Corporation	11/07/2018	3657464	18834334.7	
3659089	Streeva Ltd	30/07/2018	3659089	18753452.4	
3660910	Samsung Display Co., Ltd.	13/11/2019	3660910	19208755.9	
3661058	NXP B.V.	27/09/2019	3661058	19200229.3	
3661434	Ethicon LLC	25/07/2018	3661434	18752949.0	
3661865	Manitowoc Crane Group France SAS	08/06/2018	3661865	18729962.3	German
3663193	Aviation Partners, Inc.	19/06/2009	3663193	19208522.3	
3665896	Samsung Electronics Co., Ltd.	25/10/2018	3665896	18874152.4	
3668168	China Mobile Communication Co., Ltd	14/06/2018	3668168	18844600.9	
	Research Institute				
	China Mobile Communications Group Co., Ltd				
3668355	Jacobs, Frederick	13/08/2018	3668355	18846448.1	
3670637	Henkel AG & Co. KGaA	18/12/2018	3670637	18213646.5	German
3671249	Eagle Technology, LLC	11/12/2019	3671249	19215193.4	
3671615	Chicago Mercantile Exchange Inc.	19/12/2019	3671615	19217985.1	
3671631	Nokia Technologies Oy	19/12/2018	3671631	18213990.7	
3672720	Resodyn Corporation	24/08/2018	3672720	18766095.6	
3673475	Bayerische Motoren Werke Aktiengesellschaft	16/05/2018	3673475	18728320.5	German
3673674	TELEFONAKTIEBOLAGET LM	13/06/2019	3673674	19741968.2	
	ERICSSON (PUBL)				
3674158	Tahoe Research, Ltd.	27/06/2013	3674158	20155018.3	
3678891	Kempka, Reinhold	05/09/2018	3678891	18778807.0	German
	Kempka, Patrick				
3679117	Evonik Operations GmbH	06/09/2018	3679117	18769959.0	
3679268	Vibracoustic Nantes SAS	19/11/2019	3679268	19806200.2	
3679593	KYOCERA AVX Components Corporation	06/09/2018	3679593	18854609.7	

3680882	Samsung Electronics Co., Ltd.	06/01/2020	3680882	20150348.9	
3681853	AdvanSix Resins & Chemicals LLC	13/09/2018	3681853	18779930.9	
3682528	Robert Bosch GmbH	21/08/2018	3682528	18759912.1	German
3682938	Kao Corporation	14/06/2018	3682938	18855207.9	
3682967	Arkema, Inc.	20/08/2013	3682967	20156993.6	
3684519	Vermes Microdispensing GmbH	11/09/2018	3684519	18769977.2	German
3684794	Yissum Research and Development Company of the Hebrew University of Jerusalem Ltd.	17/09/2018	3684794	18793712.3	
3685155	Cytiva Sweden AB	21/09/2018	3685155	18779605.7	
3685160	Vector Laboratories, Inc.	03/05/2018	3685160	18795229.6	
3688129	Ecolab USA, Inc.	07/11/2018	3688129	18807522.0	
3688733	Johnson Controls Tyco IP Holdings LLP	26/09/2018	3688733	18783340.5	
3689365	Novo Nordisk A/S	21/06/2013	3689365	20157813.5	
3690508	TDK TAIWAN CORP.	31/01/2020	3690508	20154908.6	
3690897	Hamamatsu Photonics K.K.	03/07/2018	3690897	18863642.7	
3692123	Chevron Japan Ltd. Chevron Oronite Company LLC	28/09/2018	3692123	18788908.4	
3693818	KlingelInberg AG	27/01/2020	3693818	20153857.6	German
3693837	Samsung Electronics Co., Ltd.	24/06/2013	3693837	20167205.2	
3694964	Unilever Global IP Limited	02/10/2018	3694964	18782060.0	
3695054	Geobrugg AG	28/09/2018	3695054	18783392.6	German
3696961	Mitsubishi Electric Corporation	26/07/2018	3696961	18866096.3	
3697551	Soletanche Freyssinet	15/10/2018	3697551	18789359.9	
3698131	Universiteit Antwerpen	15/10/2018	3698131	18788744.3	
3698882	Capstan AG Systems, Inc.	16/06/2016	3698882	20168541.9	
3699206	Mitsubishi Chemical Corporation	16/10/2018	3699206	18868674.5	
3699954	Wuhan China Star Optoelectronics Semiconductor Display Technology Co., Ltd.	23/11/2017	3699954	17929206.5	
3700364	British American Tobacco (Investments) Ltd	23/10/2018	3700364	18795791.5	
3700393	Cannon, Nicola	26/10/2018	3700393	18811606.5	
3700745	Arcor Flexibles Singen GmbH	19/09/2018	3700745	18768923.7	
3701048	Smilebiotek Zhuhai Limited	26/10/2018	3701048	18869530.8	
3702604	Usui Co., Ltd.	17/10/2018	3702604	18869652.0	
3703032	Qualcomm Auto Ltd.	26/02/2019	3703032	19159377.1	
3703498	Finaz de Saint Andre	30/10/2018	3703498	18811058.9	French
3703604	Intuitive Surgical Operations, Inc.	17/10/2018	3703604	18872825.7	
3703669	Dana-Farber Cancer Institute, Inc.	15/10/2018	3703669	18873193.9	
3704013	Donner, Wilfried	30/10/2018	3704013	18852713.9	German
3704904	QUALCOMM Incorporated	31/10/2018	3704904	18804477.0	
3705589	Mitsubishi Materials Corporation	30/10/2018	3705589	18872227.6	
3706425	Sonos, Inc.	20/11/2015	3706425	20166880.3	
3706785	Actinium Pharmaceuticals, Inc.	13/11/2018	3706785	18876666.1	
3706908	Creoptix AG	13/12/2018	3706908	18845349.2	
3707628	Samsung Electronics Co., Ltd.	21/01/2019	3707628	19740916.2	
3708414	HONDA MOTOR CO., LTD.	09/03/2020	3708414	20161729.7	
3711843	Taiwan Advanced Sterilization Technologies Inc.	14/06/2019	3711843	19180210.7	
3712694	Ricoh Company, Ltd.	17/03/2020	3712694	20163776.6	
3713430	Nicoventures Trading Limited	15/11/2018	3713430	18814787.0	
3713609	Firmenich SA	21/11/2018	3713609	18803454.0	
3713819	Reardon, Anthony	13/11/2018	3713819	18880377.9	
3714676	CLAAS Selbstfahrende Erntemaschinen GmbH	05/12/2019	3714676	19213752.9	German
3716035	CANON KABUSHIKI KAISHA	18/03/2020	3716035	20163808.7	
3716195	Advanced New Technologies Co., Ltd.	25/09/2018	3716195	18881645.8	
3716332	Samsung Display Co., Ltd.	26/03/2020	3716332	20165981.0	
3717965	Samsung Electronics Co., Ltd.	31/01/2019	3717965	19774777.7	
3719154	RTX Corporation	02/03/2020	3719154	20160383.4	
3720200	HUAWEI TECHNOLOGIES CO., LTD.	17/01/2019	3720200	19743843.5	

3720318	Illuminent, Inc.	03/12/2018	3720318	18885171.1	
3720889	Compagnie Générale des Etablissements Michelin	04/12/2018	3720889	18836836.9	French
3722105	YUEI Co., Ltd.	20/06/2018	3722105	18886128.0	
3723309	IHP GmbH - Leibniz Institute for High Performance Microelectronics/ Leibniz-Institut für innovative Mikroelektronik	20/09/2019	3723309	19198734.6	
3723701	The Procter & Gamble Company	11/12/2018	3723701	18829674.3	
3723866	The Procter & Gamble Company	11/12/2018	3723866	18830593.2	
3724947	Trak Microwave Limited	14/12/2018	3724947	18887996.9	
3725280	Hill-Rom Services, Inc.	16/04/2020	3725280	20169946.9	
3725330	Ablynx N.V.	03/09/2010	3725330	20176028.7	
3725928	Mitsui Chemicals Asahi Life Materials Co., Ltd.	23/01/2019	3725928	19743370.9	
3726189	ALSTOM Holdings	16/04/2019	3726189	19169645.9	
3726584	Samsung Display Co., Ltd.	12/02/2020	3726584	20157018.1	
3726646	Fico Mirrors S.A.	16/04/2019	3726646	19382300.2	
3727749	3M Innovative Properties Company	19/12/2018	3727749	18890219.1	
3727753	3M Innovative Properties Company	19/12/2018	3727753	18892365.0	
3729233	Advanced Micro Devices, Inc.	19/09/2018	3729233	18783269.6	
3729859	Sago Strategic Solutions LLC	19/12/2017	3729859	17835838.8	
3730262	Recherches et Realisations Remy	24/04/2020	3730262	20171404.5	French
3730499	Continental Reifen Deutschland GmbH	25/03/2020	3730499	20165493.6	German
3730965	TCI Telecomunicazioni Italia S.r.l.	24/04/2020	3730965	20171296.5	
3731539	Toa Corporation	22/12/2017	3731539	17935278.6	
3731594	Samsung Electronics Co., Ltd.	24/04/2020	3731594	20171354.2	
3731653	CORN Products Development Inc.	28/12/2018	3731653	18834310.7	
3731718	Arçelik Anonim Sirketi	12/10/2018	3731718	18894976.2	
3731996	Saint-Gobain Abrasives, Inc Saint-Gobain Abrasifs	26/12/2018	3731996	18894590.1	
3732190	Imunami Laboratories Pte. Ltd.	27/12/2017	3732190	17829351.0	
3733548	Daio Paper Corporation	11/12/2018	3733548	18893533.2	
3734291	Hitachi High-Tech Corporation	19/11/2018	3734291	18895293.1	
3734321	Aptiv Technologies AG	30/03/2020	3734321	20166797.9	
3735283	Becton, Dickinson and Company	02/01/2019	3735283	19701401.2	
3737242	Be The Change Labs, Inc.	08/01/2019	3737242	19736017.5	
3738150	Tahoe Research, Ltd.	08/01/2018	3738150	18898474.4	
3738161	Saudi Arabian Oil Company	24/08/2018	3738161	18772902.5	
3739476	Neosapience, Inc.	11/01/2019	3739476	19738599.0	
3740180	Flamor S.r.l.	16/01/2019	3740180	19702123.1	
3740351	KUKA Deutschland GmbH	16/01/2019	3740351	19700913.7	German
3740946	HUAWEI TECHNOLOGIES CO., LTD.	23/01/2019	3740946	19743589.4	
3742162	Nabtesco Corporation	25/03/2020	3742162	20165531.3	
3742265	Sensae ApS	22/05/2020	3742265	20275096.4	
3742288	YOKOGAWA ELECTRIC CORPORATION	30/04/2020	3742288	20172231.1	
3742533	LG CHEM, LTD.	07/06/2019	3742533	19814909.8	
3743069	BioVentures, LLC	22/01/2019	3743069	19741706.6	
3743249	Edwards Lifesciences Corporation	25/01/2019	3743249	19743344.4	
3743494	ECOLAB USA INC.	28/01/2019	3743494	19704979.4	
3744006	Kandou Labs, S.A.	25/01/2019	3744006	19704965.3	
3745197	LG Innotek Co., Ltd.	21/01/2019	3745197	19744440.9	
3746092	North Carolina State University	01/02/2019	3746092	19746617.0	
3746149	Shifamed Holdings, LLC	01/02/2019	3746149	19746925.7	
3746537	Shellef, Dov	04/02/2019	3746537	19705890.2	
3746690	Ion Opticks Research Pty Ltd	25/01/2019	3746690	19743658.7	
3747624	KYORAKU CO., LTD.	29/01/2019	3747624	19747224.4	
3747889	Shin-Etsu Chemical Co., Ltd.	03/06/2020	3747889	20178001.2	
3748867	Panasonic Intellectual Property Corporation of America	29/01/2019	3748867	19747821.7	
3748986	Panasonic Intellectual Property Management Co., Ltd.	04/06/2020	3748986	20178151.5	

3749008	Beijing Xiaomi Mobile Software Co., Ltd.	08/02/2018	3749008	18904934.9	
3750069	Micron Technology, Inc.	18/01/2019	3750069	19746768.1	
3750388	Deere & Company	09/06/2020	3750388	20178883.3	
3750483	ECHOSENS	14/06/2019	3750483	19305761.9	
3750837	KONE Corporation	14/06/2019	3750837	19180235.4	
3751698	Paccar Inc	09/06/2020	3751698	20178988.0	
3751759	ZTE Corporation	01/02/2019	3751759	19751450.8	
3752086	Skinprotect Corporation SDN BHD	29/01/2020	3752086	20748520.2	
3752574	Honeywell International Inc.	13/02/2019	3752574	19754485.1	
3752734	KS Gleitlager GmbH	11/12/2018	3752734	18829240.3	German
3753394	CNH Industrial Belgium N.V.	17/06/2019	3753394	19180722.1	
3753475	ESSILOR INTERNATIONAL	21/06/2019	3753475	19305810.4	
3753920	Chevron Phillips Chemical Company LP	07/09/2017	3753920	20188763.5	
3754605	Deutsches Zentrum für Luft- und Raumfahrt e.V.	22/06/2020	3754605	20181312.8	German
3754978	Coretronic Corporation	15/05/2020	3754978	20174986.8	
3756616	Ethicon LLC	26/06/2020	3756616	20182664.1	
3756761	Sharp Life Science (EU) Limited	25/06/2019	3756761	19182440.8	
3756762	Sharp Life Science (EU) Limited	25/06/2019	3756762	19182442.4	
3757026	ID Technology LLC	22/06/2020	3757026	20181482.9	
3757566	Mitsubishi Chemical Engineering Corporation	22/02/2018	3757566	18907262.2	
3757908	FUJITSU LIMITED	28/05/2020	3757908	20177246.4	
3759199	Chevron Oronite Company LLC	28/02/2019	3759199	19714479.3	
3761089	HUAWEI TECHNOLOGIES CO., LTD.	17/06/2014	3761089	20168821.5	
3761491	Panasonic Intellectual Property Management Co., Ltd.	11/01/2019	3761491	19761119.7	
3761537	Google LLC	24/06/2020	3761537	20182042.0	
3761712	Huawei Technologies Co. Ltd.	24/01/2014	3761712	20176494.1	
3762134	Sofi Filtration OY	01/03/2019	3762134	19711640.3	
3762828	Google LLC	20/06/2018	3762828	18743622.5	
3762864	CANON EUROPA N.V.	18/02/2019	3762864	19706547.7	
3763098	nChain Licensing AG	05/03/2019	3763098	19713870.4	
3764516	Mikuni Corporation	18/06/2020	3764516	20180771.6	
3764763	Fuji Corporation	07/03/2018	3764763	18909246.3	
3765197	Muscle Lab Canada Inc.	06/04/2018	3765197	18913231.9	
3765743	Edwards Technologies Vacuum Engineering (Qingdao) Co Ltd	25/10/2018	3765743	18909667.0	
3765942	Microsoft Technology Licensing, LLC	13/04/2019	3765942	19721459.6	
3767279	CKD CORPORATION	24/10/2018	3767279	18909745.4	
3767462	INTEL Corporation	18/03/2020	3767462	20163796.4	
3768378	InCarda Therapeutics, Inc.	22/03/2019	3768378	19772485.9	
3769154	Ricoh Company, Ltd.	19/03/2019	3769154	19716591.3	
3769180	InterDigital Madison Patent Holdings, SAS	19/03/2019	3769180	19710439.1	
3769248	Microsoft Technology Licensing, LLC	09/04/2019	3769248	19719056.4	
3769285	Google LLC	20/06/2019	3769285	19740124.3	
3769512	Arizona Board of Regents on Behalf of the University of Arizona	22/03/2018	3769512	18911240.2	
3769569	QUALCOMM Incorporated	19/02/2019	3769569	19710189.2	
3770034	Ampere SAS	04/06/2020	3770034	20178226.5	French
3770080	SUMITOMO CHEMICAL COMPANY, LIMITED	19/03/2019	3770080	19770373.9	
3770879	VOLKSWAGEN AG	17/06/2020	3770879	20180591.8	German
3771984	Samsung Electronics Co., Ltd.	25/06/2020	3771984	20182223.6	
3772156	Beijing Xiaomi Mobile Software Co., Ltd.	19/12/2019	3772156	19218233.5	
3773771	Atex Technologies, Inc.	29/03/2019	3773771	19717650.6	
3773861	pfm medical gmbh	18/04/2019	3773861	19717501.1	
3774387	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	01/04/2019	3774387	19719563.9	French
3775162	The University of Hong Kong Koninklijke Nederlandse Akademie van Wetenschappen	31/05/2019	3775162	19812157.6	

3775178	Braskem S.A.	08/04/2019	3775178	19782414.7	
3775766	Cambridge Mechatronics Limited	04/04/2019	3775766	19717563.1	
3775856	Waygate Technologies USA, LP	12/04/2019	3775856	19786247.7	
3776531	Google LLC	12/04/2019	3776531	19720289.8	
3776958	QUALCOMM Incorporated	22/02/2019	3776958	19710217.1	
3777611	Changzhou Zehui Machinery Co., Ltd.	31/10/2019	3777611	19877690.8	
3777612	Changzhou Zehui Machinery Co., Ltd.	31/10/2019	3777612	19878296.3	
3778296	Ningbo Geely Automobile Research & Development Co. Ltd.	13/08/2019	3778296	19191576.8	
3778857	Hitachi High-Tech Corporation	24/01/2019	3778857	19782309.9	
3779738	Vivo Mobile Communication Co., Ltd.	09/04/2019	3779738	19785812.9	
3779766	At&S (China) Co., Ltd.	28/03/2019	3779766	19776872.4	
3779949	Samsung Display Co., Ltd.	11/02/2020	3779949	20156633.8	
3780388	HUAWEI TECHNOLOGIES CO., LTD.	28/04/2018	3780388	18916406.4	
3781435	SSAB Technology AB	23/04/2019	3781435	19788204.6	
3781938	Rosen IP AG	12/04/2019	3781938	19721547.8	German
3782014	Apple Inc.	21/05/2019	3782014	19728844.2	
3782164	Becton, Dickinson and Company	12/04/2019	3782164	19720281.5	
3782241	John Mezzalingua Associates LLC	17/04/2019	3782241	19788793.8	
3782301	Samsung Electronics Co., Ltd.	10/06/2019	3782301	19819585.1	
3782408	Maxlinear, Inc.	30/05/2019	3782408	19732504.6	
3783452	dSPACE GmbH	21/08/2019	3783452	19192743.3	German
3783517	INTEL Corporation	05/06/2020	3783517	20178403.0	
3784135	GE Healthcare AS	25/04/2019	3784135	19720829.1	
3785376	QUALCOMM Incorporated	22/04/2019	3785376	19726786.7	
3785402	Telecom Italia S.p.A.	23/04/2019	3785402	19720806.9	
3785739	Cap Biomaterials, LLC	02/06/2011	3785739	20191882.8	
3785770	Technogym S.p.A.	25/08/2020	3785770	20192728.2	
3785891	Subaru Corporation	19/06/2020	3785891	20180971.2	
3786056	The Boeing Company	24/06/2020	3786056	20181879.6	
3786284	Biographene Inc.	05/04/2019	3786284	19786191.7	
	Seoul National University R & DB Foundation				
3786634	F. Hoffmann-La Roche AG	27/08/2019	3786634	19193864.6	
3786878	Tencent Technology (Shenzhen) Company Limited	20/02/2019	3786878	19792700.7	
3787474	Carl Zeiss Meditec AG	29/04/2019	3787474	19721253.3	
	Carl Zeiss Meditec, Inc.				
3787515	Radux Devices, LLC	24/04/2019	3787515	19796105.5	
3788326	Nypro Inc.	03/05/2019	3788326	19796780.5	
3790296	Volkswagen AG	09/09/2019	3790296	19196178.8	
3790567	Massachusetts Eye and Ear Infirmary	10/05/2019	3790567	19799988.1	
	The Schepens Eye Research Institute, Inc.				
3791362	Intuitive Surgical Operations, Inc.	07/05/2019	3791362	19725814.8	
3791627	Landis+Gyr Technology, Inc.	17/04/2019	3791627	19722352.2	
3791939	Sega Corporation	19/06/2019	3791939	19800882.3	
	Kabushiki Kaisha Dartslive D/B/A Dartslive Co., Ltd.				
3791965	Sävala Invest AB	02/03/2012	3791965	20203577.0	
3794597	Merck Sharp & Dohme LLC	11/06/2019	3794597	19819375.7	
3794599	Merck Sharp & Dohme LLC	11/06/2019	3794599	19820431.5	
3794644	BOE TECHNOLOGY GROUP CO., LTD.	18/05/2018	3794644	18880084.1	
3794847	HUAWEI TECHNOLOGIES CO., LTD.	07/06/2018	3794847	18921751.6	
3795181	Adverum Biotechnologies, Inc.	16/06/2017	3795181	20196657.9	
3796136	Wacom Co., Ltd.	04/04/2019	3796136	19804098.2	
3796189	Cambricon Technologies Corporation Limited	17/05/2019	3796189	19802694.0	
3796216	CANON KABUSHIKI KAISHA	04/09/2020	3796216	20194576.3	
3796332	Dexcom, Inc.	11/11/2014	3796332	20203301.5	
3796526	Panasonic Intellectual Property Management Co., Ltd.	08/05/2019	3796526	19804242.6	
3796720	QUALCOMM Incorporated	11/09/2018	3796720	20206785.6	

3796905	The Board of Trustees of the University of Illinois	23/05/2019	3796905	19808511.0	
3796945	The Regents of the University of California Cornell University	23/05/2019	3796945	19807826.3	
3798110	Memorial Sloan Kettering Cancer Center YAMAHA HATSUDOKI KABUSHIKI KAISHA	18/09/2020	3798110	20196873.2	
3798737	Samsung Electronics Co., Ltd.	25/03/2020	3798737	20165637.8	
3799098	Rockwell Automation Technologies, Inc.	11/09/2020	3799098	20195797.4	
3799484	HUAWEI TECHNOLOGIES CO., LTD.	20/06/2018	3799484	18923624.3	
3799496	HUAWEI TECHNOLOGIES CO., LTD.	06/06/2019	3799496	19821574.1	
3799577	Shuttlestars B.V.	29/03/2018	3799577	18733957.7	
3799918	TC1 LLC	15/04/2015	3799918	20209912.3	
3800317	SCHÜCO International KG	01/10/2020	3800317	20199701.2	German
3800642	HUAWEI TECHNOLOGIES CO., LTD.	14/06/2018	3800642	18922369.6	
3800842	HUAWEI TECHNOLOGIES CO., LTD.	23/06/2019	3800842	19826741.1	
3800934	Huawei Cloud Computing Technologies Co., Ltd.	16/06/2019	3800934	19823643.2	
3800976	Lemken GmbH & Co KG	05/06/2019	3800976	19733661.3	German
3801351	Valuebiotech Israel Ltd.	04/06/2019	3801351	19814920.5	
3801528	Ohio State Innovation Foundation	04/06/2019	3801528	19815032.8	
3801661	The Brigham and Women's Hospital, Inc. Université Paul Sabatier Toulouse III Centre Hospitalier Universitaire De Toulouse Centre national de la recherche scientifique Institut National de la Santé et de la Recherche Médicale (INSERM)	05/06/2019	3801661	19737847.4	French
3801815	I.V.A.R. S.P.A.	30/04/2019	3801815	19726160.5	
3802000	Hilti Aktiengesellschaft	06/06/2019	3802000	19727703.1	German
3802008	Valuebiotech Israel Ltd.	04/06/2019	3802008	19814138.4	
3802077	Conseil et Technique	04/06/2019	3802077	19731800.9	French
3802436	BP Exploration Operating Company Limited	06/06/2019	3802436	19732086.4	
3802557	The Broad Institute, Inc. Dana-Farber Cancer Institute, Inc. Instituto Carlos Slim de la Salud, A.C.	03/06/2019	3802557	19815140.9	
3803033	Winterhawk Well Abandonment Ltd.	01/06/2018	3803033	18920425.8	
3803097	Textron Systems Corporation	06/06/2019	3803097	19733613.4	
3803227	Entiffic ApS	05/06/2019	3803227	19814840.5	
3803384	The Regents of University of California	04/06/2019	3803384	19815495.7	
3803747	VOLKSWAGEN AKTIENGESELLSCHAFT	29/05/2019	3803747	19728628.9	German
3804094	Mavel edt S.p.A.	07/06/2018	3804094	18752875.7	
3804148	ChorusView, Inc.	31/05/2019	3804148	19812140.2	
3804402	Telefonaktiebolaget LM Ericsson (publ.)	04/06/2019	3804402	19742899.8	
3805376	Replimune Limited	09/01/2017	3805376	20197725.3	
3805446	LG Electronics Inc.	13/08/2020	3805446	20190976.9	
3805472	Ningbo Bosheng Valve & Fitting Co., Ltd.	03/06/2019	3805472	19815204.3	
3805828	Samsung Electronics Co., Ltd.	09/09/2020	3805828	20195334.6	
3805926	Canaan Creative Co., Ltd.	24/04/2019	3805926	19814964.3	
3806013	Beijing Jingdong Qianshi Technology Co., Ltd.	07/05/2019	3806013	19808022.8	
3806094	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	10/10/2014	3806094	20210767.8	
3806387	HUAWEI TECHNOLOGIES CO., LTD.	28/06/2019	3806387	19825646.3	
3806393	HUAWEI TECHNOLOGIES CO., LTD.	25/06/2019	3806393	19826340.2	
3806602	Fuji Corporation	30/05/2018	3806602	18920765.7	
3806753	Xiros Limited	17/06/2019	3806753	19732109.4	
3807176	AUTOSTORE TECHNOLOGY AS	11/06/2019	3807176	19730152.6	
3807528	TouchWind BLue B.V.	05/06/2019	3807528	19743040.8	
3807659	Megger Instruments Ltd	17/06/2019	3807659	19744784.0	

3807663	Landis+Gyr Technology, Inc.	14/06/2019	3807663	19734632.3	
3807694	Continental Automotive Technologies GmbH	13/06/2019	3807694	19729768.2	German
3807705	Continental Automotive Technologies GmbH	13/06/2019	3807705	19731921.3	German
3807707	Continental Automotive Technologies GmbH	13/06/2019	3807707	19731928.8	German
3807708	Continental Automotive Technologies GmbH	13/06/2019	3807708	19731930.4	German
3807713	Essilor International	11/06/2019	3807713	19729021.6	
3807771	Microsoft Technology Licensing, LLC	11/06/2019	3807771	19734571.3	
3808011	Hoheisel, Raymond	12/06/2019	3808011	19735000.2	
3808151	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	15/06/2018	3808151	18742933.7	
3808418	Real Design Tech Co., Ltd.	15/04/2019	3808418	19820308.5	
3808794	Kuraray Co., Ltd.	28/05/2019	3808794	19818794.0	
3808986	LG Electronics Inc.	12/06/2019	3808986	19819892.1	
3809056	Carrier Corporation	15/10/2020	3809056	20202015.2	
3809230	Beijing Xiaomi Mobile Software Co., Ltd.	14/06/2018	3809230	18922669.9	
3809362	OMRON Corporation	22/05/2019	3809362	19820259.0	
3809599	NTT DoCoMo, Inc.	15/06/2018	3809599	18922750.7	
3809681	Samsung Display Co., Ltd.	14/10/2020	3809681	20201658.0	
3810151	Yale University	20/06/2019	3810151	19822447.9	
3810727	WF Recycle-Tech Limited	19/06/2019	3810727	19734471.6	
3810848	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	04/06/2019	3810848	19745670.0	French
3810849	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	04/06/2019	3810849	19745671.8	French
3810851	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	04/06/2019	3810851	19745673.4	French
3810931	Cambridge Mechatronics Limited	21/06/2019	3810931	19734155.5	
3811096	Koninklijke Philips N.V.	14/06/2019	3811096	19731689.6	
3811291	Centric Software, Inc.	20/06/2019	3811291	19821822.4	
3811309	Ridgeview Digital LLC	01/08/2019	3811309	19844189.1	
3811316	REDBELLY BLOCKCHAIN HOLDINGS PTY LTD	25/06/2018	3811316	18923849.6	
3811450	Wisk Aero LLC	13/06/2019	3811450	19823007.0	
3811485	Siemens Gamesa Renewable Energy A/S	05/06/2019	3811485	19733676.1	
3811564	VOLKSWAGEN AKTIENGESELLSCHAFT	21/06/2019	3811564	19733455.0	German
3811975	Japan Vam & Poval Co., Ltd.	24/06/2019	3811975	19826275.0	
3812443	INNER MONGOLIA YITAI COAL-BASED NEW MATERIALS RESEARCH INSTITUTE CO., LTD.	10/06/2019	3812443	19822771.2	
3812694	Mitutoyo Corporation	07/06/2019	3812694	19819083.7	
3812882	Samsung Electronics Co., Ltd.	16/10/2020	3812882	20202203.4	
3812885	dSPACE GmbH	24/10/2019	3812885	19205062.3	German
3813070	Tata Consultancy Services Limited	22/09/2020	3813070	20197353.4	
3813105	QKM Technology (Dong Guan) Co., Ltd	20/06/2019	3813105	19823723.2	
3813263	MediaTek Inc.	22/10/2020	3813263	20203330.4	
3813304	HUAWEI TECHNOLOGIES CO., LTD.	18/06/2019	3813304	19827133.0	
3813308	HUAWEI TECHNOLOGIES CO., LTD.	08/06/2020	3813308	20833292.4	
3813709	Koninklijke Philips N.V.	19/06/2019	3813709	19733438.6	
3813865	Universität Zürich	28/06/2019	3813865	19737683.3	
3813925	Presidio Medical, Inc.	01/07/2019	3813925	19830363.8	
3814053	Saint-Gobain Abrasives, Inc. Saint-Gobain Abrasifs	28/06/2019	3814053	19827334.4	
3814660	Swagelok Company	19/06/2019	3814660	19739465.3	
3814664	Minimax Viking Patent Management GmbH	27/06/2019	3814664	19736327.8	German
3814668	LG Electronics Inc.	26/06/2019	3814668	19827389.8	

3814781	Hewlett-Packard Development Company, L.P.	28/06/2018	3814781	18924141.7	
3814920	Weka.IO Ltd.	05/06/2019	3814920	19826657.9	
3815165	Powercell Sweden AB	18/06/2019	3815165	19737264.2	
3815168	Powercell Sweden AB	18/06/2019	3815168	19737263.4	
3815234	Breville Pty Limited	28/06/2019	3815234	19824466.7	
3815406	Signify Holding B.V.	18/06/2019	3815406	19732589.7	
3815733	ASAHI INTECC CO., LTD.	29/06/2018	3815733	18924624.2	
3816356	Panasonic Intellectual Property Management Co., Ltd.	03/06/2019	3816356	19825576.2	
3816542	DAIKIN INDUSTRIES, LTD. Daikin Europe N.V.	29/10/2019	3816542	19205883.2	
3817082	LG Energy Solution, Ltd.	13/11/2019	3817082	19884288.2	
3817179	Resc, Ltd.	26/06/2019	3817179	19825984.8	
3817906	Corning Incorporated	26/06/2019	3817906	19740182.1	
3818510	VOLKSWAGEN AG Dr.Ing. h.c. F. Porsche Aktiengesellschaft Audi AG	28/06/2019	3818510	19736630.5	
3818868	KT&G Corporation	22/10/2019	3818868	19883701.5	
3818893	KT&G Corporation	07/11/2019	3818893	19896837.2	
3818950	Beijing Donglin Fushi Medical Devices Co., Ltd.	13/01/2020	3818950	20151352.0	
3819301	Shin-Etsu Chemical Co., Ltd.	20/10/2020	3819301	20202783.5	
3819425	Ningbo Radi-Cool Advanced Energy Technologies Co., Ltd. Ningbo Ruiling Advanced Energy Materials Institute Co., Ltd.	11/08/2020	3819425	20020365.1	
3819573	LG Electronics Inc.	04/11/2020	3819573	20205581.0	
3820135	Ningbo Sunny Opotech Co., Ltd.	28/06/2019	3820135	19840033.5	
3822442	Julius Blum GmbH	13/11/2015	3822442	21150295.0	German
3822454	RTX Corporation	12/11/2020	3822454	20207211.2	
3822602	Nidec Copal Electronics Corporation	26/04/2019	3822602	19833688.5	
3822970	Dolby Laboratories Licensing Corporation	15/01/2014	3822970	20211869.1	
3823015	Samsung Electronics Co., Ltd.	19/05/2020	3823015	20175325.8	
3824212	TechnipFMC Subsea France	17/07/2019	3824212	19740385.0	French
3824662	Nokia Technologies Oy	17/10/2019	3824662	19877346.7	
3825064	fischerwerke GmbH & Co. KG	06/11/2020	3825064	20206069.5	German
3825588	Zhejiang Sanhua Intelligent Controls CO., Ltd.	16/07/2019	3825588	19838360.6	
3825591	Hamilton Sundstrand Corporation	22/11/2019	3825591	19461609.0	
3825736	Hellma Materials GmbH	23/11/2020	3825736	20209321.7	German
3825841	Shanghai Cambricon Information Technology Co., Ltd	25/06/2019	3825841	20217296.1	
3827588	Google LLC	23/06/2019	3827588	19736913.5	
3828209	Maruzen Petrochemical Co., Ltd.	14/06/2019	3828209	19840069.9	
3828402	Rolls-Royce Corporation	10/11/2020	3828402	20206626.2	
3828563	Tokyo Electron Limited	18/11/2020	3828563	20208444.8	
3828687	MyScript	01/12/2016	3828687	21152290.9	
3828688	CANON KABUSHIKI KAISHA	11/11/2020	3828688	20206911.8	
3829184	Dejero Labs Inc.	08/04/2016	3829184	21150085.5	
3829301	Bayer Aktiengesellschaft	23/07/2019	3829301	19742605.9	
3829302	Bayer Aktiengesellschaft	23/07/2019	3829302	19742753.7	
3830084	Basilea Pharmaceutica International AG, Allschwil	29/07/2019	3830084	19755292.0	
3831306	Analog Devices, Inc.	12/11/2020	3831306	20207258.3	
3832131	Wobben Properties GmbH	03/12/2020	3832131	20211550.7	German
3832754	Samsung SDI Co., Ltd.	12/06/2019	3832754	19845546.1	
3833149	QUALCOMM INCORPORATED	27/08/2014	3833149	21154176.8	
3834532	ZTE Corporation	09/08/2018	3834532	18929075.2	
3834840	Endo Biologics Limited Duke University	14/03/2014	3834840	20201646.5	
3835004	Boston Dynamics, Inc.	24/06/2015	3835004	21155566.9	

3835401	Universidade de Trás-os-Montes e Alto Douro	20/12/2019	3835401	19218856.3	
3835712	Stabila Messgeräte Gustav Ullrich GmbH	17/11/2020	3835712	20208074.3	German
3836479	Nippon Telegraph And Telephone Corporation	15/10/2019	3836479	19876442.5	
3837723	Samsung Electronics Co., Ltd.	16/10/2019	3837723	19884826.9	
3838702	WAYMO LLC	09/12/2020	3838702	20212817.9	
3838998	Kraton Polymers Research B.V.	19/12/2020	3838998	20215849.9	
3839023	Chanel Inc	18/02/2020	3839023	20157879.6	
3839578	Siemens Healthineers AG	18/12/2019	3839578	19217565.1	German
3839801	IMPINJ, Inc.	19/06/2019	3839801	21157158.3	
3839847	Deutsche Post AG	18/12/2019	3839847	19217511.5	
3840149	Legrand France Legrand SNC	26/11/2020	3840149	20209994.1	French
3840563	AGCO International GmbH	14/08/2019	3840563	19755593.1	
3840637	Senseonics, Incorporated	20/08/2019	3840637	19852768.1	
3841040	Körber Supply Chain Automation Eisenberg GmbH	15/08/2019	3841040	19755371.2	German
3841184	Seidner, Marc A.	16/08/2019	3841184	19851455.6	
3842157	Origin Company, Limited	19/08/2019	3842157	19850975.4	
3843065	Dai Nippon Printing Co., Ltd.	21/08/2019	3843065	19852080.1	
3843116	Neural DSP Technologies Oy	09/01/2020	3843116	20151069.0	
3843870	Ecolab USA Inc.	28/08/2019	3843870	19765620.0	
3844336	Arçelik Anonim Sirketi	22/05/2019	3844336	19856407.2	
3844658	Varex Imaging Corporation	27/08/2019	3844658	19853512.2	
3845353	Yoshino Gypsum Co., Ltd.	01/09/2018	3845353	18858875.0	
3846329	Solaredge Technologies Ltd.	30/12/2020	3846329	20217902.4	
3846371	HUAWEI TECHNOLOGIES CO., LTD.	16/09/2019	3846371	19863936.1	
3846484	Samsung Electronics Co., Ltd.	29/12/2020	3846484	20217700.2	
3847224	Merck Patent GmbH	03/09/2019	3847224	19761865.5	
3847479	Robert Bosch GmbH	18/06/2019	3847479	19732317.3	German
3848088	Abiomed, Inc. Massachusetts Institute of Technology	19/09/2017	3848088	21158909.8	
3849339	T.F.H. Publications, Inc.	13/09/2019	3849339	19859772.6	
3850508	ISX IP Ltd	12/09/2019	3850508	19860170.0	
3850548	NVIDIA Corporation	09/09/2019	3850548	19773305.8	
3850712	HARTING Electric Stiftung & Co. KG	13/09/2018	3850712	18933447.7	
3851007	LG Electronics Inc.	16/09/2019	3851007	19859111.7	
3851187	CATALER CORPORATION National University Corporation Shizuoka University	09/09/2019	3851187	19860808.5	
3851777	LG Electronics Inc.	16/06/2014	3851777	21158743.1	
3851876	Beijing Xiaomi Mobile Software Co., Ltd.	22/06/2020	3851876	20181486.0	
3852196	Amotech Co., Ltd.	09/09/2019	3852196	19859103.4	
3852293	ZTE Corporation	09/09/2019	3852293	19859358.4	
3853024	EOS GmbH Electro Optical Systems	07/11/2019	3853024	19801297.3	German
3853088	Ningbo Geely Automobile Research & Development Co. Ltd.	17/09/2019	3853088	19861708.6	
3854059	Valimail Inc.	17/09/2019	3854059	19862894.3	
3854228	CHINA TOBACCO YUNNAN INDUSTRIAL CO., LTD	17/04/2020	3854228	20875666.8	
3854490	Mettler-Toledo Garvens GmbH	24/01/2020	3854490	20153547.3	
3854920	Kolon Industries, Inc.	18/12/2019	3854920	19900140.5	
3855028	Chao, Ying-Chin	21/01/2021	3855028	21152821.1	
3855119	Honeywell International Inc.	13/01/2021	3855119	21151463.3	
3855577	RTC Industries, Inc.	24/06/2014	3855577	21161350.0	
3855817	Datang Mobile Communications Equipment Co., Ltd.	30/08/2019	3855817	19863842.1	
3855823	NTT DOCOMO, INC.	21/09/2018	3855823	18934478.1	
3856104	T.J.SMITH AND NEPHEW, LIMITED	26/09/2019	3856104	19782943.5	
3856563	ENRX IPT GmbH	27/09/2019	3856563	19782948.4	
3857109	NuScale Power, LLC	14/12/2018	3857109	18833757.0	

3857378	Siemens Healthcare Diagnostics, Inc.	26/09/2019	3857378	19867567.0	
3858042	Sharp Kabushiki Kaisha	27/09/2019	3858042	19867281.8	
3858194	Kohler Co.	22/01/2021	3858194	21153120.7	
3858746	Theegarten-Pactec GmbH & Co. KG	30/11/2020	3858746	20210685.2	German
3858909	ADEKA CORPORATION	25/09/2019	3858909	19865622.5	
3858982	The Chinese University Of Hong Kong	27/01/2021	3858982	21153844.2	
3859836	LG Energy Solution, Ltd.	15/11/2019	3859836	19887201.2	
3859878	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	26/01/2021	3859878	21153586.9	German
3860131	Hangzhou Hikvision Digital Technology Co., Ltd.	25/09/2019	3860131	19865006.1	
3860230	Huawei Technologies Co., Ltd.	27/09/2019	3860230	19868017.5	
3860822	Gneuss GmbH	02/10/2019	3860822	19790125.9	German
3861004	Firmenich SA	24/03/2020	3861004	20714190.4	
3861444	Woodside Energy Technologies Pty Ltd	04/10/2019	3861444	19868607.3	
3861676	Google LLC	01/10/2020	3861676	20792890.4	
3861705	Telefonaktiebolaget LM Ericsson (publ)	05/10/2018	3861705	18785305.6	
3862165	TOYOBO CO., LTD.	27/09/2019	3862165	19869891.2	
3862493	Stichting O2DIT	09/02/2021	3862493	21156107.1	
3863057	Samsung Display Co., Ltd.	11/06/2019	3863057	19868353.4	
3863076	Samsung Display Co., Ltd.	27/09/2019	3863076	19868585.1	
3863918	DigiCourse LLC	09/10/2019	3863918	19871440.4	
3864462	Cambridge Mechatronics Limited	10/10/2019	3864462	19790738.9	
3865211	Heesung Catalysts Corporation	04/10/2019	3865211	19870650.9	
3865360	Guangzhou Xiaopeng Motors Technology Co., Ltd.	28/06/2019	3865360	19876145.4	
3865620	Miele & Cie. KG	04/02/2021	3865620	21155226.0	German
3866283	Coretronic Corporation	02/02/2021	3866283	21154789.8	
3867020	X Development LLC	22/10/2019	3867020	19801462.3	
3867573	Channel Products, Inc.	18/10/2019	3867573	19798461.0	
3867577	Samsung Electronics Co., Ltd.	24/12/2019	3867577	19902672.5	
3868740	Toray Industries, Inc.	17/10/2019	3868740	19872471.8	
3868935	RTX Corporation	22/02/2021	3868935	21158531.0	
3869069	Valeo Kapec Japan KK	08/11/2019	3869069	19882190.2	
3870501	Gestion Inogec Inc.	25/10/2019	3870501	19877130.5	
3870549	TIAMA	21/10/2019	3870549	19817805.5	French
3871243	Valeo Schalter und Sensoren GmbH	17/10/2019	3871243	19789961.0	German
3871260	Sony Group Corporation	18/10/2019	3871260	19797395.1	
3871348	QUALCOMM INCORPORATED	25/10/2019	3871348	19805007.2	
3871442	Samsung Electronics Co., Ltd.	29/09/2020	3871442	20872160.5	
3871547	Pinlock Patent B.V.	08/01/2021	3871547	21150768.6	
3871943	Trelleborg Antivibration Solutions Germany GmbH	26/01/2021	3871943	21153492.0	German
3871945	Siemens Mobility, Inc.	10/02/2021	3871945	21156159.2	
3872364	CAME S.p.A.	26/02/2021	3872364	21159471.8	
3873137	Beijing Xiaomi Mobile Software Co., Ltd.	24/10/2018	3873137	18938085.0	
3873220	Société des Produits Nestlé S.A.	31/10/2019	3873220	19795018.1	
3873948	ExxonMobil Chemical Patents Inc.	30/10/2019	3873948	19808943.5	
3873949	ExxonMobil Chemical Patents Inc.	30/10/2019	3873949	19809937.6	
3874781	QUALCOMM Incorporated	31/10/2019	3874781	19813696.2	
3874811	Telefonaktiebolaget LM Ericsson (publ)	18/06/2019	3874811	19762461.2	
3874822	Apple Inc.	01/11/2018	3874822	18938915.8	
3874938	Andreas Stihl AG & Co. KG	05/03/2020	3874938	20161295.9	German
3875205	POSCO Co., Ltd	08/10/2019	3875205	19879821.7	
3877075	Ecofuel Technologies Ltd	06/11/2018	3877075	18800570.6	
3878288	R. J. Reynolds Tobacco Company	16/05/2014	3878288	21164945.4	
3878389	Novocure GmbH	22/08/2019	3878389	21170656.9	
3879251	Diehl Metering GmbH	04/03/2021	3879251	21160832.8	German
3880261	Solventum Intellectual Properties Company	08/11/2019	3880261	19805751.5	
3880876	Microsoft Technology Licensing, LLC	03/11/2019	3880876	19809325.4	

3880937	General Electric Technology GmbH	15/11/2019	3880937	19821333.2	
3880938	General Electric Technology GmbH	15/11/2019	3880938	19824026.9	
3880943	Stant USA Corp.	31/10/2019	3880943	19884604.0	
3881226	WAYMO LLC	18/12/2019	3881226	19836914.2	
3882204	Otis Elevator Company	22/12/2020	3882204	20216403.4	
3882305	Fujikura Ltd.	14/12/2019	3882305	19900016.7	
3882595	Diehl Metering GmbH	04/03/2021	3882595	21160833.6	German
3882823	Samsung Electronics Co., Ltd.	05/03/2021	3882823	21160992.0	
3882919	OMRON Corporation	08/03/2019	3882919	19885894.6	
3883503	Axis Spine Technologies Ltd	19/11/2019	3883503	19820850.6	
3883796	Carrier Corporation	21/11/2018	3883796	18833998.0	
3883864	Société des Produits Nestlé S.A.	19/11/2019	3883864	19802191.7	
3883906	Consiglio Nazionale Delle Ricerche	20/11/2019	3883906	19823811.5	
3884363	Enhanced Vision Systems, Inc.	20/11/2019	3884363	19887358.0	
3884718	Sony Group Corporation	20/11/2019	3884718	19817103.5	
3884788	KT&G Corporation	21/12/2020	3884788	20875663.5	
3884881	Boston Scientific Limited	19/09/2017	3884881	21174983.3	
3885678	ELECTROLUX APPLIANCES AKTIEBOLAG	24/03/2020	3885678	20165287.2	
3885758	JEOL Ltd.	09/03/2021	3885758	21161439.1	
3885944	Rakuten Group, Inc.	27/12/2019	3885944	19956183.8	
3885958	INTEL Corporation	15/08/2018	3885958	21175141.7	
3886075	Guangzhou Xiaopeng Motors Technology Co., Ltd.	28/06/2019	3886075	19906772.9	
3886225	Samsung SDI Co., Ltd.	14/11/2019	3886225	19887333.3	
3886425	Arashi Vision Inc.	30/09/2019	3886425	19898738.0	
3886667	Osborne, Charles Agnew, Jr.	22/11/2019	3886667	19889319.0	
3888183	SMARTSKY NETWORKS LLC	22/11/2019	3888183	19820968.6	
3888477	Imperial Tobacco Limited	30/03/2020	3888477	20166747.4	
3888894	ESSILOR INTERNATIONAL	31/03/2020	3888894	20167150.0	
3889007	Manitowoc Crane Group France	16/03/2021	3889007	21162809.4	French
3889166	Boehringer Ingelheim Vetmedica GmbH	23/06/2016	3889166	20213950.7	
3889658	Hoya Lens Thailand Ltd.	10/03/2021	3889658	21161697.4	
3890771	Adaerata, Limited Partnership	05/12/2019	3890771	19893894.6	
3891377	TF Press S.R.O.	03/12/2019	3891377	19824189.5	
3891822	Zoox, Inc.	04/12/2019	3891822	19828433.3	
3891960	Visa International Service Association	26/11/2019	3891960	19892021.7	
3892817	Petróleo Brasileiro S.A. - PETROBRAS	02/12/2019	3892817	19893290.7	
3893374	GE Energy Power Conversion Technology Ltd	07/04/2020	3893374	20168493.3	
3893660	ROQUETTE FRERES	12/12/2019	3893660	19839402.5	French
3894106	Cosberg S.p.A.	28/11/2019	3894106	19821205.2	
3894851	Climate LLC	09/12/2019	3894851	19896068.4	
3895238	3M Innovative Properties Company	28/10/2019	3895238	19795673.3	
3895846	Robert Bosch GmbH	04/06/2012	3895846	21173192.2	German
3897693	GELITA AG	20/12/2019	3897693	19835657.8	German
3897872	MSA Technology, LLC	16/12/2019	3897872	19899491.5	
3898246	Ricoh Company, Ltd.	18/12/2019	3898246	19835846.7	
3899120	SAFRAN	29/11/2019	3899120	19868199.1	French
3899336	Aalberts Integrated Piping Systems Limited	09/12/2019	3899336	19839109.6	
3899450	Endress+Hauser Flowtec AG	21/11/2019	3899450	19808766.0	German
3899647	InterDigital CE Patent Holdings	17/12/2019	3899647	19828261.8	
3900105	THALES	03/12/2019	3900105	19812787.0	French
3900192	HUAWEI TECHNOLOGIES CO., LTD.	07/02/2020	3900192	20760577.5	
3900591	Positec Power Tools (Suzhou) Co., Ltd	10/12/2019	3900591	19900841.8	
3901027	CAYAGO TEC GmbH	23/12/2013	3901027	21174037.8	German
3901097	SUMITOMO CHEMICAL COMPANY, LIMITED	14/11/2019	3901097	19893646.0	
3901283	Inbiomotion S.L.	25/05/2017	3901283	21172098.2	
3901922	HARRIS CORPORATION	07/03/2017	3901922	21178698.3	
3901973	Analog Devices, Inc.	09/12/2011	3901973	21162669.2	
3902444	Edra S.p.A.	27/12/2019	3902444	19842625.6	

3902491	Avent, Inc.	19/12/2019	3902491	19839573.3	French
3903607	RAI Strategic Holdings, Inc.	26/01/2018	3903607	21180264.0	
3903637	Cornilleau SAS	28/04/2021	3903637	21170958.9	
3903772	The Research Foundation for The State University of New York	28/05/2015	3903772	21170355.8	
3903942	Wong, Yan Kwong	15/11/2019	3903942	19906203.5	
3904141	Carrier Corporation	29/04/2020	3904141	20172079.4	German
3904472	Kao Corporation	06/12/2019	3904472	19902953.9	
3904982	ABB Schweiz AG	29/04/2020	3904982	20171980.4	
3905474	VIVO MOBILE COMMUNICATION CO., LTD.	18/12/2019	3905474	19902775.6	
3905712	NEC Corporation NEC Platforms, Ltd.	16/12/2019	3905712	19902465.4	
3906000	Clippert, Geof	31/12/2019	3906000	19908005.2	
3906430	Varian Medical Systems, Inc.	23/12/2019	3906430	19842715.5	
3906800	Comlogo GmbH	24/02/2021	3906800	21158936.1	
3906989	Komatsu Ltd.	17/03/2020	3906989	20773790.9	
3907640	Rockwell Automation Technologies, Inc.	03/05/2021	3907640	21171811.9	
3908237	EMBR Labs IP LLC	06/01/2020	3908237	20738439.7	
3908688	AOC, LLC	09/01/2020	3908688	20738191.4	
3908936	Thales Avionics, Inc.	07/01/2020	3908936	20739199.6	
3909202	NEC Corporation	13/12/2019	3909202	19829321.9	
3909213	ZTE Corporation	11/01/2019	3909213	19850591.9	
3909264	Telefonaktiebolaget LM Ericsson (publ)	20/12/2019	3909264	19832134.1	
3909305	Lenovo (Singapore) Pte. Ltd.	11/01/2020	3909305	20702373.0	
3909460	NIKE Innovate C.V.	27/02/2017	3909460	21181661.6	
3909572	RAYNER SURGICAL (IRELAND) LIMITED	23/10/2013	3909572	21167904.8	
3910360	Siemens Aktiengesellschaft	14/05/2020	3910360	20174639.3	German
3910575	Accenture Global Solutions Limited	13/05/2020	3910575	20382397.6	German
3910762	DIVE Turbinen GmbH & Co. KG	11/05/2021	3910762	21173438.9	
3911449	Illinois Tool Works Inc.	16/12/2019	3911449	19839476.9	German
3911771	Primetals Technologies Austria GmbH	13/01/2020	3911771	20700169.4	
3912080	Clairvoyant Technology, Inc.	16/01/2020	3912080	20741107.5	German
3912391	Nokia Technologies Oy	14/01/2019	3912391	19700698.4	
3912397	QUALCOMM INCORPORATED	16/01/2020	3912397	20742009.2	
3912876	Jiangsu XCMG Construction Machinery Research Institute Ltd.	02/06/2020	3912876	20792023.2	
3914410	General Electric Company	24/01/2020	3914410	20708320.5	
3914768	Voith Patent GmbH	09/01/2020	3914768	20700457.3	
3915219	MediaTek Singapore Pte Ltd	14/02/2020	3915219	20756316.4	
3916114	Furukawa Rock Drill Co., Ltd.	15/01/2020	3916114	20745165.9	
3916232	Copeland LP	06/02/2018	3916232	21186670.2	
3916690	Hochiki Corporation	21/01/2019	3916690	19911936.3	
3916822	UDC Ireland Limited	17/12/2014	3916822	21186802.1	
3916904	Contemporary Amperex Technology (Hong Kong) Limited	03/04/2020	3916904	20824421.0	
3917331	Nutreco IP Assets B.V.	27/01/2020	3917331	20749481.6	
3917415	Advanced Neuromodulation Systems, Inc.	30/01/2020	3917415	20748024.5	
3918890	Dell Products, L.P.	03/01/2020	3918890	20748133.4	
3919250	DAIKIN INDUSTRIES, LTD.	22/01/2020	3919250	20748059.1	German
3919299	TI Automotive Technology Center GmbH	03/06/2020	3919299	20178060.8	
3919446	China Institute of Atomic Energy	20/01/2020	3919446	20748407.2	
3919932	Sony Semiconductor Solutions Corporation	16/01/2020	3919932	20747824.9	
3920160	The Boeing Company	02/06/2020	3920160	20382469.3	
3920532	JVCKenwood Corporation	12/11/2019	3920532	19912725.9	German
3920623	Huawei Technologies Co., Ltd.	27/01/2015	3920623	21170883.9	
3920670	BOE Technology Group Co., Ltd. Chengdu BOE Optoelectronics Technology Co., Ltd.	22/01/2020	3920670	20748341.3	
3921236	Rovema GmbH	05/02/2020	3921236	20706388.4	
3921703	Microsoft Technology Licensing, LLC	05/03/2020	3921703	20716281.9	

3921827	Microsoft Technology Licensing, LLC	02/03/2020	3921827	20714799.2	
3922273	The Boeing Company	07/06/2021	3922273	21177995.4	
3922275	The Boeing Company	10/06/2021	3922275	21178829.4	
3922528	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	08/06/2020	3922528	20178706.6	
3922592	Grundeis Hebetische Verladetechnik GmbH	10/06/2020	3922592	20179264.5	German
3922925	Stiebel Eltron GmbH & Co. KG	03/06/2021	3922925	21177578.8	German
3923101	Hitachi Energy Ltd	08/06/2020	3923101	20178839.5	
3923107	Volkswagen Aktiengesellschaft	07/06/2021	3923107	21178103.4	German
3923266	TechnoTeam Holding GmbH	20/05/2021	3923266	21174923.9	German
3923550	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	04/03/2020	3923550	20806122.6	
3923584	Dolby International AB	20/11/2013	3923584	21175707.5	
3924077	The Gravity Group, LLC	14/02/2020	3924077	20755198.7	
3925034	Amphenol Tuchel Industrial GmbH	12/02/2020	3925034	20705341.4	German
3925491	Kokuyo Co., Ltd.	02/06/2021	3925491	21177367.6	
3925829	CNH Industrial Italia S.p.A.	18/06/2021	3925829	21180214.5	
3926102	CNH Industrial Italia S.p.A.	16/06/2021	3926102	21179683.4	
3926137	dormakaba Deutschland GmbH	15/06/2020	3926137	20180010.9	German
3926213	Ge Avio S.r.l.	19/06/2020	3926213	20181269.0	
3926410	Fujifilm Business Innovation Corp.	13/08/2019	3926410	19914809.9	
3926892	Honeywell International Inc.	15/06/2021	3926892	21179633.9	
3927593	Siemens Mobility GmbH	28/02/2020	3927593	20710816.8	German
3927883	Voith Patent GmbH	17/12/2019	3927883	19832052.5	German
3928584	Nokia Technologies Oy	22/02/2019	3928584	19916442.7	
3928679	Illinois Tool Works, Inc.	14/06/2021	3928679	21179277.5	
3928831	Otsuka Electronics Co., Ltd.	19/02/2019	3928831	19915947.6	
3928860	Universität des Saarlandes	24/06/2020	3928860	20182068.5	German
3929170	Heraeus Medevio GmbH & Co. KG	02/06/2021	3929170	21177420.3	
3929238	TOYOBO MC Corporation	12/02/2020	3929238	20759458.1	
3929473	Honeywell International Inc.	24/06/2020	3929473	20182079.2	
3929481	Worthington Cylinders Corporation	10/09/2018	3929481	21185206.6	
3929495	Panasonic Intellectual Property Management Co., Ltd.	25/06/2021	3929495	21181780.4	
3929659	CANON KABUSHIKI KAISHA	24/06/2021	3929659	21181379.5	
3929975	Resonac Corporation	19/03/2020	3929975	20779047.8	
3930806	Becton, Dickinson and Company	27/02/2020	3930806	20715559.9	
3932581	Yamaha Hatsudoki Kabushiki Kaisha	25/06/2021	3932581	21181773.9	
3933144	Variopool B.V.	24/06/2021	3933144	21181501.4	
3933523	Kabushiki Kaisha Yaskawa Denki	22/06/2021	3933523	21180828.2	
3933605	Samsung Electronics Co., Ltd.	16/06/2021	3933605	21179685.9	
3933778	Imagination Technologies Limited	28/06/2021	3933778	21182079.0	
3934236	Sony Group Corporation	25/02/2020	3934236	20783246.0	
3934921	Southall, Timothy	07/03/2020	3934921	20765855.0	
3935241	Hof, Georg	06/03/2020	3935241	20710116.3	German
3935454	PHOENIX CONTACT GMBH & CO. KG	06/03/2020	3935454	20710126.2	German
3935493	Google LLC	19/06/2020	3935493	20737755.7	
3935776	Hewlett Packard Enterprise Development LP	25/01/2021	3935776	21748070.6	
3935979	WACOAL CORP.	02/03/2020	3935979	20767140.5	
3936006	Delta Kogyo Co., Ltd.	02/06/2020	3936006	20825866.5	
3936328	Nitto Denko Corporation	13/02/2020	3936328	20766226.3	
3936366	Renault s.a.s	22/06/2021	3936366	21180880.3	French
3936796	LG Electronics Inc.	21/06/2021	3936796	21180699.7	
3937821	MAKO Surgical Corp.	12/03/2020	3937821	20718429.2	
3937825	Smith & Nephew Inc. Smith & Nephew Orthopaedics AG Smith & Nephew Asia Pacific Pte. Limited	13/03/2020	3937825	20770051.9	
3938567	Futura S.p.A.	18/02/2020	3938567	20713752.2	
3938776	Coagulation Sciences, LLC	15/03/2019	3938776	19919770.8	
3939398	APR Technologies AB	10/03/2020	3939398	20711547.8	
3939475	Ortland, Johannes Paul Gerhard	07/07/2021	3939475	21184151.5	German

3940112	RICHEMONT INTERNATIONAL SA	23/06/2021	3940112	21181216.9	French
3940439	Go!Foton Holdings, Inc.	23/06/2021	3940439	21181022.1	
3942096	Aesculap AG	01/04/2021	3942096	21716196.7	German
3943391	The Boeing Company	10/06/2021	3943391	21178757.7	
3943752	World Chemical Co., Ltd.	08/12/2020	3943752	20212455.8	
3943800	L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE	10/06/2021	3943800	21178826.0	French
3943802	L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE	09/06/2021	3943802	21178598.5	French
3944160	Google LLC	25/09/2017	3944160	21196434.1	
3944229	JNC Corporation JNC Fibers Corporation	05/09/2019	3944229	19920759.8	
3944301	Changxin Memory Technologies, Inc.	26/03/2021	3944301	21785747.3	
3944306	Resonac Corporation	19/03/2020	3944306	20778938.9	
3944437	Vecotec BV	05/04/2018	3944437	21197199.9	
3944884	Deltaval MDB Texinov	30/06/2021	3944884	21182791.0	French
3945018	The Boeing Company	15/06/2021	3945018	21179475.5	
3946121	Ablation Innovations, LLC	23/03/2020	3946121	20779793.7	
3946675	Microhaops, Inc.	24/03/2020	3946675	20778627.8	
3946697	Instrumentation Laboratory Company	03/06/2019	3946697	19740656.4	
3947529	Tessenderlo Group NV	03/04/2020	3947529	20715390.9	
3948078	L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE	23/01/2020	3948078	20701467.1	
3948259	Integrated Display Systems Limited	26/03/2020	3948259	20721680.5	
3948672	DeepMind Technologies Limited	17/06/2020	3948672	20733750.2	
3949170	Gogo Business Aviation LLC	19/03/2020	3949170	20719014.1	
3951129	Casagrande S.P.A.	22/01/2019	3951129	21195323.7	
3951260	Arkyne Technologies S.L.	07/08/2020	3951260	20382740.7	
3951460	Neutrik AG	11/06/2021	3951460	21020305.5	German
3952248	Huawei Technologies Co., Ltd.	28/04/2020	3952248	20802056.0	
3952519	Sharp Kabushiki Kaisha	26/03/2020	3952519	20776799.7	
3952692	L'OREAL	08/04/2020	3952692	20717191.9	
3952710	Alfred Kärcher SE & Co. KG	08/04/2019	3952710	19718094.6	German
3952843	ADD Advanced Drug Delivery Technologies, Ltd.	09/04/2020	3952843	20722226.6	German
3952975	CareFusion 303, Inc.	27/03/2020	3952975	20721022.0	
3953285	Sogucak, Salim Tolga Sogucak, Yasemin	06/05/2020	3953285	20786756.5	
3953405	Covestro Deutschland AG	02/04/2020	3953405	20714248.0	
3953422	Viavi Solutions Inc.	07/04/2020	3953422	20788169.9	
3953463	Novozymes A/S	08/04/2020	3953463	20715917.9	
3954045	Kandou Labs S.A.	08/04/2020	3954045	20722866.9	
3954095	Huawei Technologies Co. Ltd.	04/06/2020	3954095	20747511.2	
3956005	Arnaud, Chantal	16/04/2020	3956005	20791701.4	
3956310	UNIWERSYTET JAGIELLOŃSKI Warszawski Uniwersytet Medyczny	16/04/2020	3956310	20734624.8	
3956718	TRUMPF Laser- und Systemtechnik SE	06/04/2020	3956718	20719955.5	German
3957059	Samsung Electronics Co., Ltd.	26/06/2020	3957059	20832290.9	
3957185	Asahi Group Holdings, Ltd.	27/01/2021	3957185	21747834.6	
3957543	CASCO SIGNAL LTD.	19/10/2020	3957543	20914361.9	
3957736	Genomatica, Inc.	08/03/2012	3957736	21177335.3	
3957758	JFE Steel Corporation	13/04/2020	3957758	20791472.2	
3958798	Warsaw Orthopedic, Inc.	21/10/2019	3958798	19925887.2	
3959401	GIESSE S.P.A.	08/04/2020	3959401	20714843.8	
3959651	The Procter & Gamble Company	23/04/2020	3959651	20724713.1	
3960333	DMG Mori Co., Ltd.	14/05/2020	3960333	20806272.9	
3960414	RIMTEC Corporation	20/04/2020	3960414	20795972.7	
3960455	ECO3 BV	31/08/2020	3960455	20193547.5	

3961187	RTX Corporation	20/08/2021	3961187	21192411.3	
3961208	F. Hoffmann-La Roche AG	28/08/2020	3961208	20193241.5	
3961759	Samsung SDI Co., Ltd.	17/04/2020	3961759	20796290.3	
3962491	Universidade De Santiago De Compostela	30/04/2020	3962491	20722582.2	
3963122	Versum Materials US, LLC	21/05/2020	3963122	20809007.6	
3964002	QUALCOMM Incorporated	02/05/2020	3964002	20728593.3	
3965095	Honor Device Co., Ltd.	12/06/2020	3965095	20822923.7	
3965488	Beijing Xiaomi Mobile Software Co., Ltd.	29/04/2019	3965488	19927171.9	
3965590	McCain Foods Limited	09/06/2020	3965590	20821705.9	
3965738	Universidade do Minho	07/05/2020	3965738	20732313.0	
3966189	Lyondell Chemical Technology, L.P.	06/05/2020	3966189	20729364.8	
3966473	Sew-Eurodrive GmbH & Co. KG	21/04/2020	3966473	20722997.2	German
3966475	Sew-Eurodrive GmbH & Co. KG	22/04/2020	3966475	20722998.0	German
3966800	Katalyst Interactive Inc.	25/06/2020	3966800	20831043.3	
3967524	BRIDGESTONE CORPORATION	25/11/2019	3967524	19927751.8	
3967648	Fuji Oil Holdings Inc.	01/05/2020	3967648	20805178.9	
3967740	The Procter & Gamble Company	09/09/2021	3967740	21195700.6	
3967900	Harmonic Drive Systems Inc.	17/05/2019	3967900	19929839.9	
3968134	Huawei Technologies Co., Ltd.	28/06/2020	3968134	20831158.9	
3968546	Huawei Technologies Co., Ltd.	16/06/2020	3968546	20827532.1	
3968762	DeLaval Holding AB	13/05/2020	3968762	20726980.4	
3968913	Johnson & Johnson Surgical Vision, Inc.	15/05/2020	3968913	20808992.0	
3969567	Spiderwort Inc.	14/05/2020	3969567	20806078.0	
3969840	SICA S.P.A.	14/05/2020	3969840	20727719.5	
3970350	Sensata Technologies, Inc.	22/04/2020	3970350	20810311.9	
3970365	Huawei Technologies Co., Ltd.	19/06/2020	3970365	20827362.3	
3970427	Telefonaktiebolaget LM Ericsson (publ)	13/05/2019	3970427	19929078.4	
3970596	Anqing Medical Co., Ltd	21/05/2019	3970596	19928897.8	
3971579	Hitachi High-Tech Corporation	01/02/2016	3971579	21206594.0	
3971639	Murata Manufacturing Co., Ltd.	06/03/2020	3971639	20785667.5	
3972201	Huawei Technologies Co. Ltd.	22/06/2020	3972201	20835319.3	
3972412	Evonik Operations GmbH	12/05/2020	3972412	20723891.6	German
3973199	ZF Friedrichshafen AG	05/03/2020	3973199	20710100.7	German
	ZF Wind Power Antwerpen NV				
3973321	Teledyne FLIR Commercial Systems, Inc.	18/05/2020	3973321	20731304.0	
3973360	Meta Platforms Technologies, LLC	19/05/2020	3973360	20731676.1	
3973498	Huawei Technologies Co. Ltd.	18/06/2019	3973498	19735687.6	
3973503	SPIMED-AI	18/05/2020	3973503	20725200.8	French
3973923	Implantica Patent Ltd.	10/10/2008	3973923	21199199.7	
3974518	H.U. Group Research Institute G.K.	19/05/2020	3974518	20808832.8	
	Fujirebio Inc.				
3974556	POSCO Co., Ltd	11/10/2018	3974556	21193240.5	
3975571	KT Corporation	30/06/2017	3975571	21207301.9	
3975872	MicroVention, Inc.	29/05/2020	3975872	20814043.4	
3975883	Stryker Corporation	27/05/2020	3975883	20813662.2	
3975979	Colgate-Palmolive Company	06/04/2020	3975979	20723633.2	
3976500	Sonoco Development, Inc.	03/06/2020	3976500	20819587.5	
3976885	Koninklijke BAM Groep N.V.	18/05/2020	3976885	20730122.7	
3977152	UNABIZ	25/05/2020	3977152	20726487.0	French
3977226	Realtime Robotics, Inc.	26/05/2020	3977226	20818760.9	
3977409	Brainlab AG	28/05/2019	3977409	19727637.1	
3977503	MKS Instruments, Inc.	29/05/2020	3977503	20815211.6	
3977560	CoreHW Semiconductor Oy	28/05/2019	3977560	19728722.0	
3977672	Microsoft Technology Licensing, LLC	31/03/2020	3977672	20722036.9	
3977690	Huawei Technologies Co. Ltd.	25/06/2019	3977690	19734051.6	
3978277	Kokusai Keisokuki Kabushiki Kaisha	15/05/2020	3978277	20813392.6	
3979498	NXP USA, Inc.	30/09/2020	3979498	20199329.2	
3979505	ZTE Corporation	09/06/2020	3979505	20826814.4	
3979531	Huawei Technologies Co., Ltd.	22/06/2020	3979531	20833223.9	
3979836	Philip Morris Products S.A.	05/06/2020	3979836	20729795.3	
3979888	Eckhardt, Richard	07/06/2020	3979888	20823666.1	
3980250	Selenium Medical	08/06/2020	3980250	20742324.5	French

3980299	AES Inc.	05/06/2020	3980299	20819052.0	
3980325	Subsea 7 Limited	05/06/2020	3980325	20732296.7	
3980400	Emory University	04/06/2020	3980400	20819315.1	
3980567	Midrex Technologies, Inc.	02/06/2020	3980567	20819007.4	
3980695	Wolf, Peter	04/06/2020	3980695	20734839.2	German
	Jaske, Wolfgang				
3980701	Technoalpin Holding S.p.A.	10/06/2019	3980701	19746534.7	
3980859	Aigua, Inc.	05/06/2020	3980859	20819184.1	
3980947	EXTREME NETWORKS, INC.	08/06/2020	3980947	20819530.5	
3981132	Telefonaktiebolaget LM Ericsson (publ)	06/06/2019	3981132	19730135.1	
3981203	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	10/06/2019	3981203	19733569.8	
3981721	Otis Elevator Company	06/10/2021	3981721	21201147.2	
3982038	Shenzhen Xindi Technology Co., Ltd.	17/06/2019	3982038	19931678.7	
	Bayerische Motoren Werke Aktiengesellschaft				
3982064	DAIKIN INDUSTRIES, LTD.	05/06/2020	3982064	20817854.1	
3982430	Samsung Display Co., Ltd.	08/10/2021	3982430	21201635.6	
3982651	VOLKSWAGEN AG	16/09/2021	3982651	21197021.5	German
3982668	Huawei Technologies Co., Ltd.	03/06/2020	3982668	20833497.9	
3982841	Walzman, Daniel Ezra	31/05/2020	3982841	20823441.9	
3983095	JFXD TRX ACQ LLC	12/06/2020	3983095	20822343.8	
3983147	Ferrum Packaging AG	13/06/2019	3983147	19734705.7	German
3983183	Hydroprocess	10/06/2020	3983183	20731863.5	French
3983338	Wacker Chemie AG	11/06/2019	3983338	19730744.0	German
3983482	Dow Global Technologies LLC	29/05/2020	3983482	20746410.8	
3983657	Sigma Powertrain, Inc.	16/06/2020	3983657	20827306.0	
3983804	Fundació Hospital Universitari Vall d'Hebron - Institut de Recerca	12/06/2020	3983804	20731488.1	
3983839	PPC Broadband Fiber Ltd.	12/06/2020	3983839	20745261.6	
3983859	Grundfos Holding A/S	16/06/2020	3983859	20740525.9	
3984010	Zhejiang Dahua Technology Co., Ltd.	14/11/2019	3984010	19937829.0	
3984400	Nike Innovate C.V.	25/10/2017	3984400	21213019.9	
3984767	Bridgestone Corporation	26/09/2018	3984767	21212644.5	
3985255	IHI Corporation	04/06/2020	3985255	20822821.3	
3985330	PHC Holdings Corporation	23/06/2020	3985330	20838880.1	
3985721	Samsung Display Co., Ltd.	07/10/2021	3985721	21201508.5	
3985900	Electronics and Telecommunications Research Institute	09/06/2020	3985900	20822859.3	
3986020	NTT DOCOMO, INC.	11/06/2019	3986020	19932729.7	
3986025	Beijing Xiaomi Mobile Software Co., Ltd.	14/06/2019	3986025	19932961.6	
3986269	1625986 Ontario Limited	18/06/2020	3986269	20827729.3	
3986276	Medtronic, Inc.	15/05/2020	3986276	20732010.2	
3986312	Verb Surgical Inc.	25/06/2019	3986312	19933897.1	
3986430	BioTissue Holdings Inc.	19/06/2020	3986430	20825845.9	
3986725	Continental Reifen Deutschland GmbH	12/06/2020	3986725	20733389.9	German
3986779	Aden GmbH	15/06/2020	3986779	20733268.5	German
3986806	REP IP AG	23/06/2020	3986806	20743328.5	German
3987095	Vandewiele NV	19/06/2020	3987095	20743311.1	
3987327	Carl Zeiss Jena GmbH	15/06/2020	3987327	20733919.3	German
3987350	University of Pittsburgh - of the Commonwealth System of Higher Education	22/06/2020	3987350	20866162.9	
	Board of Regents, The University of Texas System				
3987369	Airbus Atlantic	22/06/2020	3987369	20733451.7	French
3987454	Intel Corporation	21/06/2019	3987454	19934054.8	
3987576	International Business Machines Corporation	15/06/2020	3987576	20733718.9	
3987887	Illinois Tool Works, Inc.	17/06/2020	3987887	20753494.2	
3987981	SFT Laboratory Co., Ltd.	18/06/2020	3987981	20831271.0	
3988071	EIS GmbH	05/10/2016	3988071	21209414.8	German

3988244	DMG Mori Co., Ltd.	19/06/2020	3988244	20825538.0	
3988829	Airbus Canada Limited Partnership	22/10/2021	3988829	21204326.9	
3989205	Rockwell Collins, Inc.	12/10/2021	3989205	21202241.2	
3989209	Samsung Electronics Co., Ltd.	20/12/2017	3989209	21212590.0	
3989299	Université de Franche-Comté École Nationale Supérieure de Mécanique et des Microtechniques	26/10/2020	3989299	20203952.5	
3989474	HUAWEI TECHNOLOGIES CO., LTD.	02/02/2018	3989474	21214535.3	
3989581	LG Electronics Inc.	11/06/2020	3989581	20825768.3	
3989583	LG Electronics Inc.	23/06/2020	3989583	20831383.3	
3989690	ZTE Corporation	22/05/2020	3989690	20848301.6	
3989757	Philip Morris Products S.A.	24/06/2020	3989757	20734540.6	
3989780	Noblett, Joseph	23/06/2020	3989780	20734620.6	
3989870	Nobel Biocare Services AG	23/06/2020	3989870	20733641.3	
3990041	Moleculin Biotech, Inc. Board of Regents, The University of Texas System	25/06/2020	3990041	20832031.7	
3990806	Linamar Corporation	29/06/2020	3990806	20830750.4	
3990841	YETI Coolers, LLC	19/06/2020	3990841	20737780.5	
3991084	Gera-Ident GmbH Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	25/06/2020	3991084	20734915.0	German
3991153	Johnson Controls Fire Protection LP	23/06/2020	3991153	20740446.8	
3991414	QUALCOMM INCORPORATED	26/06/2020	3991414	20745355.6	
3991825	Shanghai Shencheng Environmental Protection Equipment & Engineering Co., Ltd.	02/06/2020	3991825	20831116.7	
3991978	Ricoh Company, Ltd.	06/10/2021	3991978	21201133.2	
3992149	Panasonic Holdings Corporation Panasonic Energy Co., Ltd.	23/06/2020	3992149	20832877.3	
3992240	TOYOBO MC Corporation	22/06/2020	3992240	20830867.6	
3992432	General Electric Company Oliver Crispin Robotics Limited	23/10/2021	3992432	21204361.6	
3992678	Zeon Corporation	04/06/2020	3992678	20832349.3	
3992802	Honeywell International Inc.	28/10/2021	3992802	21205391.2	
3992900	NEC Corporation	26/06/2019	3992900	19934946.5	
3993440	Suzhou Sonavox Electronics Co., Ltd.	23/10/2019	3993440	19933994.6	
3993547	Beijing Xiaomi Mobile Software Co., Ltd.	28/06/2019	3993547	19934421.9	
3993864	ClearPoint Neuro, Inc.	09/06/2020	3993864	20750495.2	
3993869	ELEKTA AB (publ.)	30/09/2019	3993869	19779895.2	
3995093	Mizuho Corporation	29/06/2020	3995093	20834386.3	
3995191	Unity IPR APS	04/11/2021	3995191	21206493.5	
3995197	YAMASHIN FILTER CORP.	26/06/2020	3995197	20835664.2	
3996074	BOE Technology Group Co., Ltd. Hefei Boe Joint Technology Co., Ltd.	15/05/2020	3996074	20900682.4	
3996413	Datang Mobile Communications Equipment Co., Ltd.	01/06/2020	3996413	20834126.3	
3997041	Cardinal CG Company	29/06/2020	3997041	20740476.5	
3997219	Carbios	10/07/2020	3997219	20736724.4	
3997311	General Electric Technology GmbH	29/06/2020	3997311	20750861.5	
3997592	Feedzai - Consultadoria e Inovação Tecnológica, S.A.	11/02/2021	3997592	21754568.0	
3997976	NICHIA CORPORATION	10/07/2020	3997976	20837382.9	
3998356	JFE Steel Corporation	12/06/2020	3998356	20835991.9	
3998489	LG Energy Solution, Ltd.	07/10/2020	3998489	20878781.2	
3998968	Stryker Corporation	15/07/2020	3998968	20750121.4	
3999329	Goodrich, David, P.	15/07/2020	3999329	20840459.0	
4000165	Sew-Eurodrive GmbH & Co. KG	23/06/2020	4000165	20735055.4	German
4000360	Endress+Hauser SE+Co. KG	18/06/2020	4000360	20733793.2	German
4000697	Acushnet Company	17/11/2021	4000697	21208871.0	
4001519	Hitachi Construction Machinery Co., Ltd.	21/10/2020	4001519	20905541.7	

4001749	Institute for Laser Technology	22/06/2020	4001749	20843791.3	
	Panasonic Holdings Corporation				
4002915	Huawei Technologies Co., Ltd.	15/06/2020	4002915	20849155.5	
4004281	Voith Patent GmbH	24/06/2020	4004281	20735508.2	German
4004401	Campbell, Richard V.	27/01/2020	4004401	20846769.6	
4005273	ZTE Corporation	31/07/2019	4005273	19939883.5	
4006132	S.C. Johnson & Son, Inc.	06/06/2013	4006132	22152544.7	
4006191	Jiangyin Xingcheng Special Steel Works Co., Ltd	09/04/2020	4006191	20846997.3	
4007041	LG ENERGY SOLUTION, LTD.	07/10/2020	4007041	20874415.1	
4007371	Sony Group Corporation	15/04/2020	4007371	20845998.2	
4007440	Huawei Technologies Co., Ltd.	15/06/2020	4007440	20853090.7	
4007641	Henkel AG & Co. KGaA	08/06/2020	4007641	20731844.5	German
4008198	Shenzhen Smoore Technology Limited	06/12/2021	4008198	21212424.2	
4008612	ContiTech Deutschland GmbH	18/11/2021	4008612	21209120.1	German
4008615	Paccar Inc	07/12/2021	4008615	21212907.6	
4008792	Illumina Singapore Pte. Ltd.	19/02/2019	4008792	21190654.0	
4008912	Leybold GmbH	10/06/2015	4008912	22153959.6	German
4008931	Asahi Denso Co., Ltd.	26/11/2021	4008931	21210803.9	
4010734	BFly Operations, Inc.	07/08/2020	4010734	20850078.5	
4011333	ARTIQO GmbH	10/12/2020	4011333	20213172.8	German
4012983	Autel Intelligent Technology Corp. Ltd.	27/09/2020	4012983	20872418.7	
4012989	Huawei Technologies Co. Ltd.	22/08/2020	4012989	20859084.4	
4013122	Beijing Xiaomi Mobile Software Co., Ltd.	04/05/2018	4013122	22153740.0	
4013634	Connaught Electronics Ltd.	30/07/2020	4013634	20750629.6	
4015325	Great Wall Motor Company Limited	16/10/2020	4015325	20882199.1	
4015535	Genzyme Corporation	18/03/2015	4015535	21207026.2	
4015652	Aelan Cell Technologies, Inc.	02/06/2016	4015652	21207206.0	
4015949	Samsung Electronics Co., Ltd.	06/03/2020	4015949	22156659.9	
4016031	United Automotive Electronic Systems Co., Ltd.	12/08/2020	4016031	20851666.6	
4016475	Pegatron Corporation	18/11/2021	4016475	21208931.2	
4016848	INTEL Corporation	03/09/2021	4016848	21194682.7	
4017670	Linde GmbH	20/08/2020	4017670	20767969.7	
4018166	Micro Motion Inc.	19/08/2019	4018166	19759876.6	
4018267	Meta Platforms Technologies, LLC	14/05/2020	4018267	20731264.6	
4018570	Dish Wireless L.L.C.	19/08/2020	4018570	20764888.2	
4018580	Lenovo (Singapore) Pte. Ltd.	27/09/2019	4018580	19827795.6	
4018749	Sony Group Corporation	02/09/2020	4018749	20767759.2	
4019810	Kanzaki Kokyukoki Mfg. Co., Ltd.	15/09/2020	4019810	20872997.0	
4019913	MultiDimension Technology Co., Ltd.	18/08/2020	4019913	20856630.7	
4020129	INTEL Corporation	15/09/2021	4020129	21196809.4	
4020155	Red Hat, Inc.	04/06/2021	4020155	21177842.8	
4020409	Rakuten Group, Inc.	19/11/2021	4020409	21209285.2	
4020912	Samsung Electronics Co., Ltd.	11/11/2020	4020912	20887412.3	
	Industry-Academic Cooperation Foundation, Yonsei University				
4020990	Sun Patent Trust	17/05/2013	4020990	22151589.3	
4021352	Shukla Medical	15/09/2020	4021352	20780877.5	
4021360	Adlore, Inc.	27/08/2020	4021360	20857765.0	
4021679	ROTOX Holding GmbH & Co. KG	27/08/2020	4021679	20765226.4	German
4022086	F. Hoffmann-La Roche AG	24/02/2020	4022086	20707229.9	
4022195	Litens Automotive Partnership	27/08/2020	4022195	20858110.8	
4022342	Zoox, Inc.	26/08/2020	4022342	20768443.2	
4022489	Chevron U.S.A. Inc.	19/08/2020	4022489	20859546.2	
4022871	Visa International Service Association	30/01/2020	4022871	20858809.5	
4022961	Qualcomm Incorporated	30/08/2019	4022961	19943498.6	
4023175	IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY)	13/08/2020	4023175	20857235.4	
4023451	BROTHER KOGYO KABUSHIKI KAISHA	15/09/2020	4023451	20870968.3	

4023774	Aktionernoe Obshchestvo "Kalugin"	15/06/2021	4023774	21826662.5	
4023871	Kawasaki Jukogyo Kabushiki Kaisha	27/08/2020	4023871	20858552.1	
4023901	IVECO S.P.A.	24/08/2020	4023901	20856267.8	
4023966	Hisense Refrigerator Co., Ltd.	19/06/2020	4023966	20851364.8	
4024325	Huawei Technologies Co., Ltd.	10/09/2020	4024325	20864788.3	
4024537	LG ENERGY SOLUTION, LTD.	28/06/2021	4024537	21861855.1	
4024626	Guangdong Gopod Group Holding Co., Ltd	23/04/2020	4024626	20932832.7	
4025125	Heteron Biotechnologies, LLC	09/06/2020	4025125	20750816.9	
	Rigas, Anastasia				
4025762	Well-Sense Technology Limited	10/07/2020	4025762	20737464.6	
4025944	Corning Research & Development Corporation	20/08/2020	4025944	20767654.5	
4025978	BAE SYSTEMS plc	20/08/2020	4025978	20761875.2	
4026399	JT International SA	28/08/2020	4026399	20764379.2	
4026759	VOLVO TRUCK CORPORATION	14/09/2021	4026759	21196516.5	
4026799	Jiangsu Liside New Material Co., Ltd.	04/02/2021	4026799	21873695.7	
	Zhejiang University				
4027191	Nantong Fanhua New Materials Technology Co., Ltd.	27/08/2020	4027191	20860509.7	
4027259	Panasonic Intellectual Property Management Co., Ltd.	02/06/2020	4027259	20859934.0	
4027765	Panasonic Intellectual Property Management Co., Ltd.	09/06/2020	4027765	20860268.0	
4027863	E-Swin Developpement	11/09/2020	4027863	20781048.2	French
4028494	Chevron Oronite Company LLC	31/08/2020	4028494	20767880.6	
	Chevron U.S.A. Inc.				
4029011	Oracle International Corporation	09/07/2020	4029011	20751413.4	
4029087	Matsing, Inc.	15/10/2020	4029087	20876350.8	
4029548	Becton Dickinson Holdings Pte. Ltd.	19/01/2021	4029548	21152383.2	
4029677	T.A. SYSTEMS, INC.	14/01/2022	4029677	22151615.6	
4029898	Daikin Industries, Ltd.	31/08/2020	4029898	20864031.8	
4030447	NIPPON STEEL CORPORATION	03/09/2020	4030447	20863154.9	
4030757	Panasonic Intellectual Property Corporation of America	10/09/2020	4030757	20863053.3	
4031090	Rogozinski, Joseph	16/09/2020	4031090	20864812.1	
	Friedman, Itzhak				
	Rotenshtein, Simon				
4031418	Federal-Mogul Powertrain LLC	16/09/2020	4031418	20785873.9	
4031850	Univerza V Ljubljani	18/09/2020	4031850	20775291.6	
4031919	Carl Zeiss SMT GmbH	15/09/2020	4031919	20772271.1	
4032000	IDEMIA France	15/09/2020	4032000	20768367.3	French
4032353	QUALCOMM INCORPORATED	16/09/2020	4032353	20785627.9	
4032447	LG Electronics Inc.	11/09/2020	4032447	20866794.9	
4032455	LG Electronics Inc.	02/06/2020	4032455	20865017.6	
4032693	Continental Reifen Deutschland GmbH	15/11/2021	4032693	21208218.4	German
4032765	Great Wall Motor Company Limited	23/11/2020	4032765	20899859.1	
4032786	JFE Steel Corporation	07/05/2020	4032786	20865408.7	
4032923	Unilin, BV	22/01/2021	4032923	21152949.0	
4033490	Changxin Memory Technologies, Inc.	11/06/2021	4033490	21859788.8	
4033702	Huawei Cloud Computing Technologies Co., Ltd.	15/10/2020	4033702	20877517.1	
4033831	Huawei Technologies Co., Ltd.	30/09/2019	4033831	19947977.5	
4033988	Boston Scientific Scimed, Inc.	24/09/2020	4033988	20790105.9	
4034104	PMV Pharmaceuticals, Inc.	22/09/2020	4034104	20869828.2	
4034367	BASF Coatings GmbH	09/09/2020	4034367	20765323.9	
4034434	WashTec Holding GmbH	11/09/2020	4034434	20771830.5	German
4035965	SpeedInnov	26/01/2022	4035965	22153400.1	French
4036159	Kolon Industries, Inc.	14/09/2020	4036159	20867500.9	
4036811	Tata Consultancy Services Limited	08/09/2021	4036811	21195536.4	
4037223	FUJITSU LIMITED	29/09/2019	4037223	19946403.3	
4037445	Huawei Technologies Co., Ltd.	22/10/2020	4037445	20883588.4	
4037467	McHale Engineering	02/10/2020	4037467	20789532.7	

4037679	Harman Finochem Limited	28/11/2020	4037679	20896548.3	French
4037942	Power Stow International ApS	29/09/2020	4037942	20785852.3	
4038447	Fastlite	30/09/2020	4038447	20793027.2	
	Centre National de la Recherche Scientifique				
4038706	Northrop Grumman Systems Corporation	10/09/2020	4038706	20780461.8	
4038973	QUALCOMM Incorporated	15/09/2020	4038973	20780878.3	
4039122	Hewitt, Claire Lavinia	02/02/2022	4039122	22154800.1	
4040203	Sterlite Technologies Ltd	29/07/2021	4040203	21188633.8	
4040355	Tata Consultancy Services Limited	27/05/2021	4040355	21176153.1	
4040471	Hitachi Energy Ltd	08/02/2021	4040471	21155784.8	
4040672	Solyco Technology GmbH	10/06/2021	4040672	21178747.8	
4040913	Huawei Technologies Co., Ltd.	31/10/2019	4040913	19951206.2	
4041570	Consolidated Metco, Inc.	08/10/2020	4041570	20874055.5	
4041855	Unilever Global IP Limited	28/09/2020	4041855	20780197.8	
4042019	VESTAS WIND SYSTEMS A/S	07/10/2020	4042019	20792285.7	
4042387	ASSA ABLOY AB	07/10/2020	4042387	20789911.3	
4042514	Skywave Antennas, Inc.	13/11/2020	4042514	20888372.8	German
4042833	BSH Hausgeräte GmbH	23/09/2020	4042833	20772335.4	
4042901	Zhejiang Axilone Shunhua Aluminum & Plastic Co., Ltd	28/06/2020	4042901	20873786.6	
4043080	Hilti Aktiengesellschaft	08/10/2013	4043080	22159926.9	German
4043109	ThreeBond Co., Ltd.	18/09/2020	4043109	20873655.3	
4043228	Unilin, BV	10/02/2021	4043228	21156282.2	
	Interprint GmbH				
4043716	ANH Structure Co., Ltd.	07/10/2020	4043716	20874631.3	
4044006	Himax Technologies Limited	14/09/2021	4044006	21196503.3	
4044104	Shenzhen Institutes of Advanced Technology Chinese Academy of Sciences	04/12/2020	4044104	20956450.9	
4044123	Beijing Zitiao Network Technology Co., Ltd.	20/08/2021	4044123	21867238.4	
4044498	BlackBerry Limited	07/01/2022	4044498	22150626.4	
4044654	Huawei Technologies Co., Ltd.	20/10/2020	4044654	20883182.6	
4044731	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	28/06/2019	4044731	22165879.2	
4045191	De Greef's Wagen-Carrosserie- en Machinebouw B.V.	24/08/2020	4045191	20785828.3	
4046153	LEONHARD KURZ Stiftung & Co. KG	30/09/2020	4046153	20785948.9	German
4046506	Shenzhen Smoore Technology Limited	13/09/2021	4046506	21868595.6	
4046584	Biosense Webster (Israel) Ltd.	17/02/2022	4046584	22157169.8	
4046775	GEKA GmbH	19/02/2021	4046775	21158159.0	
4047284	Nanokem Co., Ltd.	13/10/2020	4047284	20876035.5	
4047285	Nanokem Co., Ltd.	13/10/2020	4047285	20877129.5	
4047656	InnoLux Corporation	25/01/2022	4047656	22153118.9	
4048056	Seed Terminator Holdings Pty Ltd	26/10/2020	4048056	20879359.6	
4048099	KT&G Corporation	18/11/2021	4048099	21893107.9	
4048983	FLUSSO LIMITED	21/10/2020	4048983	20793693.1	
4049095	Dow Global Technologies LLC	14/10/2020	4049095	20801085.0	
4049119	Choate, John I. M.	23/10/2020	4049119	20878705.1	
4049340	Microsoft Technology Licensing, LLC	21/10/2020	4049340	20807949.1	German
4049511	Webasto SE	20/10/2020	4049511	20793365.6	
4049556	Goodbaby Child Products Co., Ltd.	24/12/2019	4049556	19949710.8	
4049718	Medtronic Inc.	24/02/2022	4049718	22158605.0	
4049847	Primera Technology, Inc.	28/08/2020	4049847	22158785.0	
4049869	Mind Electronics Appliance Co., Ltd.	15/06/2021	4049869	21830584.5	
4050095	Beijing Sanyuan Foods Co., Ltd.	12/06/2020	4050095	20940225.4	German
4050158	Schmauser, Wolfgang	24/02/2022	4050158	22158642.3	
4050373	NXP B.V.	17/02/2022	4050373	22157198.7	
4050377	SHENZHEN GOODIX TECHNOLOGY CO., LTD.	16/03/2020	4050377	20926329.2	
4050643	Changxin Memory Technologies, Inc.	08/06/2021	4050643	21772656.1	
4050953	Huawei Technologies Co., Ltd.	10/08/2018	4050953	21210552.2	

4051020	Nicoventures Trading Limited	31/10/2019	4051020	19805860.4	
4051141	Toy, Stephanie	30/10/2020	4051141	20881781.7	
4051276	Seyltx, Inc.	06/03/2020	4051276	20882816.0	
4051535	Renault s.a.s	21/10/2020	4051535	20792442.4	French
4051592	Safran Seats GB Limited	29/10/2020	4051592	20803934.7	
4051631	Macfarlan Smith Limited	17/02/2020	4051631	20707793.4	
4051679	Biogen MA Inc.	29/10/2020	4051679	20811483.5	
4052154	Microsoft Technology Licensing, LLC	19/10/2020	4052154	20804720.9	
4052406	QUALCOMM INCORPORATED	29/10/2020	4052406	20811206.0	
4052878	ESO RECYCLING Società Benefit a rl	03/03/2022	4052878	22160069.5	
4053130	Samsung Electronics Co., Ltd.	04/03/2022	4053130	22160338.4	
4053397	FLH Energy Technology Ltd.	18/10/2021	4053397	21203190.0	
4053539	SHENZHEN GOODIX TECHNOLOGY CO., LTD.	29/11/2019	4053539	19932266.0	
4053878	Micromass UK Limited	17/09/2014	4053878	22169733.7	
4054297	Yamaha Corporation	03/02/2022	4054297	22154973.6	
4054523	Biota Ltd.	02/11/2020	4054523	20811756.4	
4054817	ARKEMA FRANCE	05/11/2020	4054817	20817462.3	French
4055600	EM Microelectronic-Marin SA	05/11/2020	4055600	20800166.9	
4057048	HOYA CORPORATION	02/11/2020	4057048	20883729.4	
4057136	Huawei Technologies Co., Ltd.	10/11/2020	4057136	20892407.6	
4057519	Beijing Xiaomi Mobile Software Co., Ltd.	06/11/2019	4057519	19952003.2	
4057525	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	21/02/2022	4057525	22157771.1	German
4057542	Sony Group Corporation	25/09/2020	4057542	20885056.0	
4057599	LG Electronics Inc.	09/03/2020	4057599	20924138.9	
4057962	The Procter & Gamble Company	28/10/2020	4057962	20811939.6	
4058133	Le Franc, Pierre	13/11/2020	4058133	20861964.3	French
4059159	Hughes Network Systems, LLC	12/11/2020	4059159	20824721.3	
4059299	QUALCOMM INCORPORATED	13/11/2020	4059299	20821508.7	
4059379	Foldsmart Ltd	21/01/2016	4059379	22160086.9	
4059740	SUMITOMO RUBBER INDUSTRIES, LTD.	28/02/2022	4059740	22159167.0	
4059843	Airbus Operations (S.A.S.)	08/03/2022	4059843	22160875.5	French
4060476	Google LLC	13/06/2017	4060476	22172016.2	
4060755	IHW Inc.	13/11/2020	4060755	20887674.8	
4060799	LG Energy Solution, Ltd.	12/11/2020	4060799	20934875.4	
4060910	Vivo Mobile Communication Co., Ltd.	30/11/2020	4060910	20895691.2	
4061228	Shanghai United Imaging Healthcare Co., Ltd.	11/12/2019	4061228	19955565.7	
4061315	Unilever Global IP Limited	27/10/2020	4061315	20796809.0	
4061618	Thinking Additive Limited	18/11/2020	4061618	20811455.3	
4061667	Caterpillar SARL	12/11/2020	4061667	20808299.0	
4061676	MAN Truck & Bus SE	09/11/2020	4061676	20804222.6	German
4061768	Rheinisch-Westfälische Technische Hochschule (RWTH) Aachen	23/11/2020	4061768	20824091.1	German
4061821	F. Hoffmann-La Roche AG	18/11/2020	4061821	20810917.3	
4062144	JP Scientific Limited	20/11/2020	4062144	20889621.7	
4062462	International Business Machines Corporation	19/11/2020	4062462	20810936.3	
4062553	QUALCOMM INCORPORATED	26/10/2020	4062553	20891460.6	
4062731	Deere & Company	17/03/2022	4062731	22162835.7	
4063219	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	09/12/2020	4063219	20904137.5	
4063698	SMC Corporation	21/03/2022	4063698	22163253.2	
4063712	Lotte Chemical Corporation	18/11/2020	4063712	20889313.1	
4063867	Universiteit Antwerpen	25/03/2021	4063867	21165012.2	
4064198	Sony Interactive Entertainment Inc.	11/03/2022	4064198	22161560.2	
4064311	Schneider Electric Industries SAS	24/12/2020	4064311	20907890.6	
4064392	Sumitomo Seika Chemicals Co., Ltd.	09/11/2020	4064392	20889457.6	
4064393	Sumitomo Seika Chemicals Co., Ltd.	09/11/2020	4064393	20891043.0	
4064555	Wobben Properties GmbH	09/03/2022	4064555	22161152.8	German

4064993	Shanghai United Imaging Healthcare Co., Ltd.	25/12/2020	4064993	20906569.7	
4065108	The Johns Hopkins University	25/11/2020	4065108	20893667.4	
	Academia Sinica				
	National Chiao Tung University				
4065864	KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH	11/11/2020	4065864	20806959.1	German
4066411	Hughes Network Systems, LLC	12/11/2020	4066411	20824726.2	
4066412	ORANGE	26/11/2020	4066412	20824315.4	French
4066864	ReadyDock, Inc.	29/03/2022	4066864	22020141.2	
4067678	Illinois Tool Works Inc.	23/03/2022	4067678	22163869.5	
4067697	Nabtesco Corporation	17/02/2022	4067697	22157268.8	
4067711	Microtecnica S.r.l.	30/03/2021	4067711	21166019.6	
4069125	Lumenis Ltd.	15/01/2021	4069125	21703332.3	
4069487	Owens Corning Intellectual Capital, LLC	02/12/2020	4069487	20828628.6	
4069901	Cortronik GmbH	27/11/2020	4069901	20811649.1	
4070018	Grundfos Holding A/S	03/12/2020	4070018	20815871.7	
4070150	Magic Leap, Inc.	02/12/2020	4070150	20895265.5	
4070343	Danmarks Tekniske Universitet	02/12/2020	4070343	20815831.1	
4070641	CNH Industrial Belgium NV	04/04/2022	4070641	22166441.0	
4070723	Auris Health, Inc.	16/09/2016	4070723	22159944.2	
4070844	Löwenstein Medical Technology S.A.	05/04/2022	4070844	22166756.1	German
4071400	L'Air Liquide, société anonyme pour l'Étude et l'Exploitation des procédés Georges Claude	30/03/2022	4071400	22165440.3	French
4072070	Huawei Technologies Co., Ltd.	30/12/2019	4072070	19958102.6	
4072112	Vivo Mobile Communication Co., Ltd.	27/11/2020	4072112	20897214.1	
4072519	DiHeSys Digital Health Systems GmbH	02/12/2020	4072519	20823745.3	German
4072646	Rejuvatek Medical, Inc.	08/12/2020	4072646	20899868.2	
4072818	SINTERMAT	08/12/2020	4072818	20842015.8	French
4072915	Thomas Magnete GmbH	28/10/2020	4072915	20801175.9	German
4072917	Ampere SAS	10/12/2020	4072917	20820225.9	French
4073357	Nanyang Technological University	11/12/2020	4073357	20898272.8	
4073445	Julius Blum GmbH	08/12/2020	4073445	20820915.5	German
4073754	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	09/12/2019	4073754	19817684.4	
4074476	Bundesdruckerei GmbH	12/04/2022	4074476	22167736.2	German
4075311	Cisco Technology, Inc.	04/12/2018	4075311	22177780.8	
4075877	T-Mobile Innovations LLC	11/04/2022	4075877	22167648.9	
4076089	Chennaux, Alain	13/10/2020	4076089	20789156.5	French
	Chennaux, Odile				
4076598	Novo Nordisk A/S	09/12/2020	4076598	20819766.5	
4076599	Novo Nordisk A/S	09/12/2020	4076599	20819770.7	
4077869	Epiroc Rock Drills Aktiebolag	25/11/2020	4077869	20816653.8	
4078103	Endress+Hauser Flowtec AG	20/11/2020	4078103	20811310.0	German
4078117	ABB SCHWEIZ AG	19/12/2019	4078117	19956440.2	
4078358	Element Inc.	15/12/2020	4078358	20904205.0	
4078496	Stripe, Inc.	08/12/2020	4078496	20902538.6	
4078507	HOYA CORPORATION	09/12/2020	4078507	20824676.9	
4079344	Argon Medical Devices, Inc.	31/03/2022	4079344	22165777.8	
4079735	Beijing Tide Pharmaceutical Co., Ltd.	16/12/2020	4079735	20904055.9	
4079744	Acies Bio d.o.o.	23/04/2021	4079744	21170258.4	
4080032	Kawasaki Jukogyo Kabushiki Kaisha	26/11/2020	4080032	20903352.1	
4080089	CNH Industrial Italia S.p.A.	20/04/2022	4080089	22169078.7	
4080156	Givi Misure S.r.l.	15/04/2022	4080156	22168628.0	
4080242	NXP B.V.	15/04/2022	4080242	22168651.2	
4080336	Chipone Technology (Beijing) Co., Ltd.	03/12/2020	4080336	20925776.5	
4080751	Huawei Technologies Co., Ltd.	30/06/2021	4080751	21863355.0	
4080903	Shenzhen Shokz Co., Ltd.	26/04/2021	4080903	21797620.8	
4080910	Sony Interactive Entertainment Inc.	29/03/2022	4080910	22165014.6	
4081426	Valeo Systèmes d'Essuyage	07/12/2020	4081426	20817023.3	French
4082157	INTEL Corporation	18/09/2020	4082157	20908217.1	

4082287	Sharp Kabushiki Kaisha	16/12/2020	4082287	20910191.4	
4082594	ResMed Pty Ltd	14/03/2014	4082594	22177432.6	
4082689	POSCO	22/12/2020	4082689	20905734.8	
4082731	United Converting Tissue S.r.l.	28/04/2022	4082731	22170503.1	
4082908	Adient Aerospace, LLC	27/04/2022	4082908	22170328.3	
4082937	Packsys GmbH	26/04/2021	4082937	21170402.8	German
4083358	Fahrzeugwerk Bernard Krone GmbH & Co. KG	25/04/2022	4083358	22169756.8	German
4083696	Gauzy Ltd.	30/06/2016	4083696	22176795.7	
4085543	Hughes Network Systems, LLC	29/12/2020	4085543	20845531.1	
4086166	Airbus Operations GmbH	03/05/2021	4086166	21171906.7	
4086237	Hypex Bio Explosives Technology AB	05/05/2021	4086237	21172313.5	
4086709	Samsung Electronics Co., Ltd.	31/12/2021	4086709	21218469.1	
4086863	Daon Technology	26/04/2022	4086863	22170150.1	
4086961	Samsung Display Co., Ltd.	31/03/2022	4086961	22166181.2	
4087312	Datang Mobile Communications Equipment Co., Ltd.	28/12/2020	4087312	20911166.5	
4087528	Mezzoli, Giorgio	31/12/2020	4087528	20845703.6	
	Rani, Maria				
4088606	Mizuno Corporation	08/01/2021	4088606	21738768.7	
4088691	Boston Scientific Medical Device Limited	13/10/2015	4088691	22183126.6	
4088723	Chengdu Baiyu Pharmaceutical Co., Ltd.	07/01/2021	4088723	21738886.7	
4088992	TOYOTA JIDOSHA KABUSHIKI KAISHA	22/04/2022	4088992	22169423.5	
4089045	Suffel Fördertechnik GmbH & Co. KG	20/04/2022	4089045	22168928.4	German
4089876	Suzuki Motor Corporation	21/03/2022	4089876	22163298.7	
4090934	FLO2R APS	18/12/2020	4090934	20828520.5	
4091116	Capital One Services, LLC	10/12/2020	4091116	20838748.0	
4091346	Apple Inc.	01/04/2021	4091346	21870528.3	
4091426	Deere & Company	29/04/2022	4091426	22170901.7	
4091603	Webiotree Co., Ltd.	28/09/2021	4091603	21873003.4	
	Cnpharm Co., Ltd.				
4091657	Creganna Unlimited Company	18/05/2022	4091657	22174007.9	
4091817	Toray Industries, Inc.	21/12/2020	4091817	20914436.9	
4091928	Flintstone Technology Ltd	11/02/2020	4091928	22184085.3	
4092177	Wuxi Little Swan Electric Co., Ltd.	19/06/2020	4092177	20928276.3	
4092448	Apple Inc.	24/05/2018	4092448	22182634.0	
4092571	Litesentry LLC	20/05/2021	4092571	21175024.5	
4093055	Oticon A/S	21/06/2019	4093055	22176688.4	
4093085	Telefonaktiebolaget LM Ericsson (publ)	06/05/2020	4093085	22183141.5	
4093240	JFA Flock Applikationen GmbH	20/01/2021	4093240	21701129.5	German
4093498	Nevro Corp.	25/01/2021	4093498	21744015.5	
	Lee, Dongchul				
4093514	Dow Global Technologies LLC	19/01/2021	4093514	21705736.3	
	Rohm and Haas Company				
	Dow Silicones Corporation				
4094353	Bucher Hydraulics AG	22/01/2021	4094353	21701525.4	German
4094503	QUALCOMM INCORPORATED	20/01/2021	4094503	21705758.7	
4094754	Universidad Pablo de Olavide	19/06/2019	4094754	22186334.3	
4094874	Panasonic Intellectual Property Management Co., Ltd.	14/01/2021	4094874	21743742.5	
4094947	The Boeing Company	28/03/2022	4094947	22164851.2	
4095004	Astemo, Ltd.	21/01/2021	4095004	21743655.9	
4095177	Nippon Kayaku Kabushiki Kaisha	20/01/2021	4095177	21744249.0	
4095285	JFE STEEL CORPORATION	27/06/2019	4095285	22185359.1	
4095319	Yanmar Holdings Co., Ltd.	06/05/2022	4095319	22172026.1	
4095402	Simulinvent GmbH	26/05/2021	4095402	21175957.6	German
	SFS Group AG				
4096097	BSH Hausgeräte GmbH	26/04/2022	4096097	22169989.5	German
4096417	Société des Produits Nestlé S.A.	29/01/2021	4096417	21703183.0	

4096612	MOV'IT S.r.l. Humanware S.r.l. Universita' Degli Studi di Firenze	29/01/2021	4096612	21707367.5	
4097002	Flying Whales	29/01/2021	4097002	21706647.1	French
4097031	Autostore Technology AS	27/01/2021	4097031	21702901.6	
4097151	Dow Global Technologies LLC	29/01/2021	4097151	21708427.6	
4097413	SWEP International AB	29/01/2021	4097413	21705649.8	
4097434	Západočeská univerzita v Plzni	22/06/2021	4097434	21736504.8	
4097545	The Automation Partnership (Cambridge) Limited	21/04/2021	4097545	21718919.0	
4098233	Carl Zeiss Meditec AG	08/03/2017	4098233	22180243.2	German
4098458	Beijing Xiaomi Mobile Software Co., Ltd.	08/11/2021	4098458	21206844.9	
4098515	thyssenkrupp Presta Aktiengesellschaft thyssenkrupp AG	25/04/2022	4098515	22169693.3	German
4098519	Nio Technology (Anhui) Co., Ltd	30/03/2022	4098519	22165441.1	
4098797	MAFTEC Co., Ltd.	01/02/2021	4098797	21747420.4	
4099058	Robert Bosch GmbH	01/06/2022	4099058	22176841.9	
4099239	FUJITSU LIMITED	04/05/2022	4099239	22171571.7	
4099422	Panasonic Intellectual Property Management Co., Ltd.	21/01/2021	4099422	21747815.5	
4099555	ZF Friedrichshafen AG	01/06/2022	4099555	22176630.6	German
4099577	NXP B.V.	02/06/2021	4099577	21290036.9	
4099760	Huawei Technologies Co., Ltd.	01/03/2020	4099760	20922903.8	
4100089	Horizon IP Tech, LLC	04/02/2021	4100089	21750249.1	
4100266	Bridgestone Americas Tire Operations, LLC	19/03/2020	4100266	20790620.7	
4100796	THE ARIZONA BOARD OF REGENTS FOR AND ON BEHALF OF NORTHERN ARIZONA UNIVERSITY THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	08/02/2021	4100796	21709561.1	
4100851	Hubble Technology Inc.	09/02/2021	4100851	21750043.8	
4101474	The Boeing Company	01/06/2022	4101474	22176736.1	
4101531	Inventage Lab Inc.	27/01/2021	4101531	21750951.2	
4102170	Danfoss A/S	09/06/2022	4102170	22178064.6	
4102639	AT & S Austria Technologie & Systemtechnik Aktiengesellschaft	03/06/2019	4102639	22188783.9	
4102650	Graco Minnesota Inc.	07/06/2022	4102650	22177520.8	
4102904	QUALCOMM Incorporated	10/05/2018	4102904	22188406.7	
4103187	Woolsey Pharmaceuticals, Inc.	08/01/2021	4103187	21753591.3	
4103659	ARTECO N.V.	10/02/2021	4103659	21704530.1	
4103892	Blueair AB	11/02/2021	4103892	21703493.3	
4104628	Nokia Technologies Oy	12/02/2020	4104628	20919293.9	
4104726	SEB S.A.	13/06/2022	4104726	22178589.2	French
4105161	EPSILON Kran GmbH.	14/06/2021	4105161	21179257.7	German
4105594	Universität Stuttgart	15/06/2022	4105594	22179218.7	German
4105627	ABB Schweiz AG	18/06/2021	4105627	21180355.6	
4105718	Shin-Etsu Chemical Co., Ltd.	15/06/2022	4105718	22179311.0	
4105807	Volvo Car Corporation	09/06/2022	4105807	22178011.7	
4106054	LG Energy Solution, Ltd.	10/09/2021	4106054	21867174.1	
4106157	Meidensha Corporation	09/03/2021	4106157	21771780.0	
4106346	Oticon A/S	15/06/2022	4106346	22179094.2	
4106374	Telia Company AB	10/06/2022	4106374	22178381.4	
4106836	PELHAM CRESCENT S.r.l.	16/02/2021	4106836	21711639.1	
4107053	AUMOVIO Autonomous Mobility Germany GmbH	10/02/2021	4107053	21709885.4	German
4107090	Lindal France SAS	20/02/2021	4107090	21705566.4	French
4107550	Chevron U.S.A. Inc.	10/02/2021	4107550	21705615.9	
4107739	Illumina Inc	19/02/2021	4107739	21712607.7	
4108073	Yamabiko Corporation	22/06/2022	4108073	22180396.8	
4108266	Fenwal, Inc.	24/06/2022	4108266	22180869.4	

4108704	Jeonju University Office of Industry- University Cooperation	08/06/2022	4108704	22177957.2	
4108940	Huawei Technologies Co., Ltd.	11/08/2020	4108940	20925461.4	
4108989	BIC Violex Single Member S.A.	23/06/2021	4108989	21181197.1	
4109007	COOL TECH S.R.L.	24/06/2022	4109007	22181042.7	
4109018	Hefei Midea Refrigerator Co., Ltd. Hefei Hualing Co., Ltd. Midea Group Co., Ltd.	23/12/2020	4109018	20926657.6	
4109208	Beijing Xiaomi Mobile Software Co., Ltd.	29/12/2021	4109208	21218156.4	
4109210	Beijing Xiaomi Mobile Software Co., Ltd.	29/12/2021	4109210	21218161.4	
4109270	INTEL Corporation	14/03/2022	4109270	22161815.0	
4109409	Imagination Technologies Limited	21/06/2022	4109409	22180117.8	
4109583	LG Energy Solution, Ltd.	05/01/2022	4109583	22739560.5	
4109618	Gree Altairnano New Energy Inc.	24/06/2022	4109618	22180969.2	
4110422	Boston Scientific Scimed, Inc.	25/02/2021	4110422	21715003.6	
4110480	Gutperle-Boehringer, Astrid	07/12/2021	4110480	21844188.9	German
4110728	thyssenkrupp Uhde GmbH thyssenkrupp AG	25/02/2021	4110728	21708959.8	German
4111260	Xyzed	24/02/2021	4111260	21711619.3	French
4111383	DeepMind Technologies Limited	07/06/2021	4111383	21731744.5	
4111509	Microsoft Technology Licensing, LLC	05/01/2021	4111509	21702134.4	
4111581	Astec International Limited	28/02/2020	4111581	20922159.7	
4111858	Equine Fusion AS	29/06/2021	4111858	21182430.5	
4112000	Shanghai Smartee Denti-Technology Co., Ltd. Taikang Bybo Dental Group Co., Ltd. Shen, Gang	26/02/2021	4112000	21760260.6	
4112069	Talengen International Limited	26/02/2021	4112069	21760438.8	
4112199	SMS group GmbH	14/06/2022	4112199	22178884.7	German
4112220	Hamamatsu Photonics K.K.	10/02/2021	4112220	21761258.9	
4112229	Hangzhou Great Star Industrial Co., Ltd.	28/02/2020	4112229	20922460.9	
4112400	Windhoff Bahn- und Anlagentechnik GmbH	29/06/2022	4112400	22181794.3	German
4112427	Rheinmetall Landsysteme GmbH	10/06/2022	4112427	22178355.8	German
4112443	Airbus Operations GmbH	30/06/2021	4112443	21182980.9	
4112479	Airbus Operations Limited	21/06/2022	4112479	22180158.2	
4112484	Pavan S.p.A.	23/06/2022	4112484	22180639.1	
4112827	Villeroy & Boch AG Sanitärtechnik Eisenberg GmbH	24/06/2022	4112827	22180936.1	German
4113066	Illinois Tool Works, Inc.	23/06/2022	4113066	22180793.6	
4113115	FEI Company	30/06/2022	4113115	22182159.8	
4113246	Samsung Electronics Co., Ltd.	26/03/2021	4113246	21781426.8	
4113314	SAP SE	30/06/2021	4113314	21182689.6	
4113378	NXP B.V.	28/06/2021	4113378	21182107.9	
4114144	LG Electronics Inc.	26/06/2020	4114144	20922202.5	
4114156	ABB SCHWEIZ AG	29/06/2021	4114156	21182384.4	
4114578	SATA GmbH & Co. KG	18/02/2021	4114578	21706572.1	German
4114768	Berkshire Grey Operating Company, Inc.	05/03/2021	4114768	21714590.3	
4114969	Molecular Instruments, Inc. California Institute of Technology	04/03/2021	4114969	21796673.8	
4115231	Evolution Optiks Limited	05/03/2021	4115231	21764574.6	
4115988	ABB SCHWEIZ AG	20/06/2022	4115988	22179923.2	
4116178	Giant Manufacturing Co., Ltd.	06/07/2022	4116178	22183284.3	
4116372	LG CHEM, LTD.	25/02/2022	4116372	22773093.4	
4116499	Stations-E	28/06/2022	4116499	22181455.1	French
4117200	Nokia Solutions and Networks Oy	05/07/2021	4117200	21183729.9	
4117285	Sharp Kabushiki Kaisha	24/06/2022	4117285	22180915.5	
4117331	Kyocera Corporation	02/04/2021	4117331	21785555.0	
4117381	Huawei Technologies Co., Ltd.	25/03/2021	4117381	21777113.8	
4117458	Montana Microbial Products, LLC	05/02/2021	4117458	21768516.3	
4117884	Kautex Textron GmbH & Co. KG	10/03/2021	4117884	21712735.6	German
4118363	Silgan Holdings Inc.	10/03/2021	4118363	21717515.7	German

4118492	Yildiz Teknik Universitesi	17/12/2020	4118492	20923987.0	
4118546	International Business Machines Corporation	10/03/2021	4118546	21711841.3	
4118658	Google LLC	28/06/2021	4118658	21746222.5	
4119008	Adams, Dany	14/04/2022	4119008	22275047.3	
4119306	OMRON Corporation	17/12/2020	4119306	20924707.1	
4119823	KAWASAKI JUKOGYO KABUSHIKI KAISHA	28/12/2020	4119823	20924298.1	
4120016	Largan Precision Co. Ltd.	07/07/2022	4120016	22183586.1	
4120031	Vivo Mobile Communication Co., Ltd.	05/03/2021	4120031	21767644.4	
4120224	The University of Osaka JMC Corporation	09/03/2021	4120224	21768107.1	
4120296	Huawei Digital Power Technologies Co., Ltd.	03/03/2021	4120296	21778919.7	
4120984	Nocubi AG	08/03/2021	4120984	21720678.8	German
4121003	Zealand Pharma A/S	16/03/2021	4121003	21712156.5	
4121266	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	16/03/2021	4121266	21718934.9	French
4121358	Illinois Tool Works Inc.	19/03/2021	4121358	21717735.1	
4122357	Characin Co., Ltd.	07/09/2020	4122357	20925784.9	
4122517	ResMed Pty Ltd	14/03/2014	4122517	22191738.8	
4122620	Toyo Seikan Co., Ltd.	21/12/2020	4122620	20926271.6	
4122899	Solidian GmbH	30/06/2022	4122899	22182270.3	German
4123395	Air Products and Chemicals, Inc.	18/07/2022	4123395	22185464.9	
4123442	Tata Consultancy Services Limited	12/05/2022	4123442	22172970.0	
4123489	Google LLC	26/08/2020	4123489	22189054.4	
4123765	Hyundai Motor Company Kia Corporation	22/06/2022	4123765	22180285.3	
4123955	Huawei Technologies Co., Ltd.	12/04/2021	4123955	21789450.0	
4124249	Shenzhen Smoore Technology Limited	26/07/2022	4124249	22187069.4	
4125601	Hologic, Inc.	25/03/2021	4125601	21719442.2	
4125705	3Shape A/S	25/03/2021	4125705	21715859.1	
4125706	Wassef, Michael	31/03/2021	4125706	21780535.7	
4125934	FrieslandCampina Nederland B.V.	24/03/2021	4125934	21712887.5	
4127286	BizLink Industry Germany GmbH	19/03/2021	4127286	21714119.1	German
4127349	ARDEX Group GmbH	23/12/2020	4127349	20829523.8	German
4127436	Nuovo Pignone Tecnologie - S.r.l.	19/03/2021	4127436	21715480.6	
4127538	Fucoli-Somepal - Fundação de Ferro S. A	30/06/2020	4127538	20754356.2	
4127819	META PLATFORMS TECHNOLOGIES, LLC	04/02/2021	4127819	21708864.0	
4128155	Intuitive Surgical Operations, Inc.	18/03/2021	4128155	21718341.7	
4128370	Siegel, Rolf	30/03/2021	4128370	21716348.4	German
4128575	QUALCOMM INCORPORATED	30/03/2021	4128575	21720343.9	
4128970	QUALCOMM INCORPORATED	02/03/2021	4128970	21714068.0	
4128985	QUALCOMM INCORPORATED	31/03/2021	4128985	21720366.0	
4129453	Taiyo Nippon Sanso Corporation	08/03/2021	4129453	21782316.0	
4130401	KOBELCO CONSTRUCTION MACHINERY CO., LTD.	17/05/2021	4130401	21811899.0	
4130658	TADANO LTD. The School Corporation Kansai University	23/03/2021	4130658	21774318.6	
4130831	Fujikura Ltd.	18/02/2021	4130831	21780758.5	
4130918	Murata Machinery, Ltd.	09/02/2021	4130918	21775864.8	
4131412	BOE Technology Group Co., Ltd.	25/03/2021	4131412	21932217.9	
4131839	QUALCOMM Incorporated	28/02/2018	4131839	22197763.0	
4131883	Beijing Jingdong Zhenshi Information Technology Co., Ltd.	23/03/2021	4131883	21789401.3	
4132025	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	23/04/2021	4132025	21796218.2	
4132754	Michael Weinig AG	06/04/2021	4132754	21719044.6	German
4132837	thyssenkrupp Presta AG thyssenkrupp AG	01/04/2021	4132837	21717772.4	German
4133204	Linde GmbH	22/03/2021	4133204	21715482.2	German

4133393	Telefonaktiebolaget LM Ericsson (PUBL)	10/04/2020	4133393	20720135.1	
4133556	Telefonaktiebolaget LM Ericsson (publ.)	09/09/2020	4133556	20952733.2	
4133589	Carl Zeiss SMT GmbH	22/03/2021	4133589	21715498.8	German
4133747	HUAWEI TECHNOLOGIES CO., LTD.	18/06/2020	4133747	20734865.7	
4133969	Weckerle GmbH	21/10/2020	4133969	22190587.0	German
4134224	Airbus Operations GmbH	10/08/2021	4134224	21190620.1	
4134414	Chevron U.S.A. Inc.	11/07/2018	4134414	22181366.0	
	Chevron Oronite Company LLC				
	Chevron Oronite Technology B.V.				
4134884	Advanced Telecommunications Research Institute International	02/04/2021	4134884	21785099.9	
4134920	BEIJING BAIDU NETCOM SCIENCE AND TECHNOLOGY CO. LTD.	12/10/2022	4134920	22201091.0	
4135004	National University Corporation Fukushima University	15/04/2021	4135004	21796331.3	
	Hamamatsu Photonics K.K.				
4135133	Hamamatsu Photonics K.K.	28/07/2021	4135133	21851296.0	
4135392	Nokia Technologies Oy	13/08/2021	4135392	21191172.2	
4135510	Hydra Unlimited, LLC	29/01/2021	4135510	21788879.1	
4135794	West Pharmaceutical Services, Inc.	12/04/2021	4135794	21720959.2	
4135813	Neores AB	16/04/2020	4135813	20720018.9	
4135814	Neores AB	16/04/2020	4135814	20720020.5	
4135867	Mack Rides IP GmbH & Co. KG	17/12/2020	4135867	20839278.7	German
4136482	Shell Internationale Research Maatschappij B.V.	12/04/2021	4136482	21718556.0	
4136522	Apple Inc.	22/03/2021	4136522	21718995.0	
4136622	Google LLC	18/06/2021	4136622	21740641.2	
4136925	QUALCOMM INCORPORATED	29/03/2021	4136925	21720113.6	
4137286	Mitsubishi Heavy Industries, Ltd.	23/06/2022	4137286	22180691.2	
4137320	Dieffenbacher Maschinenfabrik GmbH	19/08/2022	4137320	22191346.0	German
4137392	KOBELCO CONSTRUCTION MACHINERY CO., LTD.	19/05/2021	4137392	21808270.9	
4137663	Hefei Midea Refrigerator Co., Ltd.	29/12/2021	4137663	21939991.2	
	Hefei Hualing Co., Ltd.				
	Midea Group Co., Ltd.				
4137886	Beijing Xiaomi Mobile Software Co., Ltd.	14/04/2021	4137886	21927049.3	
4138366	Mavenir Systems, Inc.	17/08/2022	4138366	22190823.9	
4138668	Ancar, Terry L.	23/04/2021	4138668	21791721.0	
4139120	Jones, William A.	22/04/2021	4139120	21792284.8	
	Hassell, Stuart J.				
4139188	thyssenkrupp Presta AG	15/04/2021	4139188	21720206.8	German
	thyssenkrupp AG				
4140198	ZTE Corporation	15/10/2020	4140198	20957095.1	
4140226	Telefonaktiebolaget LM Ericsson (publ)	18/06/2020	4140226	20733285.9	
4140432	Intuitive Surgical Operations, Inc.	11/11/2015	4140432	22201322.9	
4140684	The Boeing Company	09/06/2022	4140684	22178137.0	
4140711	The Boeing Company	09/06/2022	4140711	22178136.2	
4140712	The Boeing Company	09/06/2022	4140712	22178130.5	
4140864	Draht Mayr GmbH	18/08/2022	4140864	22191069.8	
4141359	Thetford BV	24/08/2022	4141359	22020409.3	
4141522	tooz technologies GmbH	16/04/2015	4141522	22195088.4	German
4141686	SAP SE	25/08/2022	4141686	22192044.0	
4141859	LG Display Co., Ltd.	21/06/2022	4141859	22180100.4	
4142170	Sagemcom Energy & Telecom SAS	19/08/2022	4142170	22191177.9	French
4142173	Panasonic Intellectual Property Corporation of America	01/06/2012	4142173	22194926.6	
4142278	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	20/05/2021	4142278	21808113.1	
4142325	Siteco GmbH	23/08/2021	4142325	21192590.4	German
4142433	Jiaxing Super Lighting Electric Appliance Co., Ltd.	29/10/2021	4142433	21205431.6	
4142475	Hydro Dynamics, Inc.	28/04/2021	4142475	21795595.4	

4143520	Carl Zeiss Spectroscopy GmbH	08/06/2021	4143520	21734055.3	German
4143599	Teledyne FLIR Commercial Systems, Inc.	29/04/2021	4143599	21727297.0	
4143623	Cobolt AB	29/04/2021	4143623	21721924.5	
4143748	International Business Machines Corporation	09/04/2021	4143748	21718543.8	
4144074	Huawei Technologies Co., Ltd.	04/12/2020	4144074	20820822.3	German
4144222	Frito-Lay Trading Company GmbH	08/10/2019	4144222	22204191.5	
4144449	FUJIKURA LTD.	07/04/2021	4144449	21796225.7	
4144471	JFE Steel Corporation	22/06/2021	4144471	21828578.1	
4144625	SCOTT Sports SA	01/09/2021	4144625	21194387.3	
4146542	BAE SYSTEMS plc	29/04/2021	4146542	21723897.1	
4146791	Yeditepe Universitesi	04/05/2021	4146791	21800202.0	
4147101	Krones Aktiengesellschaft	23/04/2021	4147101	21722779.2	
4147637	Gwangju Institute of Science and Technology	29/12/2020	4147637	20934680.8	
4147829	Schmalz Flexible Gripping Inc.	13/06/2016	4147829	22204388.7	
4147855	Stratasys Powder Production Ltd	12/09/2022	4147855	22195061.1	
4148250	Rolls-Royce plc	30/08/2022	4148250	22192762.7	
4148570	Accenture Global Solutions Limited	19/08/2022	4148570	22191193.6	French
4148615	Vivo Mobile Communication Co., Ltd.	30/04/2021	4148615	21800905.8	
4149034	ASUSTek Computer Inc.	06/09/2022	4149034	22194077.8	
4149652	DONALDSON COMPANY, INC.	14/05/2021	4149652	21731340.2	
4149653	Camfil Power Systems AB	03/05/2021	4149653	21803978.2	
4149744	AddUp	11/05/2021	4149744	21731243.8	
4149932	Ascentage Pharma (Suzhou) Co., Ltd. Ascentage Pharma Group Corp Limited	10/05/2021	4149932	21804995.5	
4150887	Apple Inc.	10/05/2021	4150887	21729160.8	
4150889	Telefonaktiebolaget LM Ericsson (publ.)	23/04/2021	4150889	21802975.9	
4151012	Ofinno, LLC	14/05/2021	4151012	21729768.8	
4151365	Basso Industry Corp. Robert Bosch GmbH	07/10/2021	4151365	21201350.2	
4151613	Korea Kumho Petrochemical Co., Ltd.	19/08/2022	4151613	22191214.0	German
4151914	Nanjing Chervon Industry Co., Ltd.	16/11/2021	4151914	21905401.2	
4151956	ATS Corporation	20/09/2022	4151956	22196485.1	
4152083	Huawei Technologies Co., Ltd.	30/05/2020	4152083	20938876.8	
4152329	Integrated Silicon Solution, (Cayman) Inc.	22/01/2018	4152329	22201181.9	
4152428	Contemporary Ampere Technology (Hong Kong) Limited	30/07/2021	4152428	21927052.7	
4152471	Yokogawa Electric Corporation	11/05/2021	4152471	21803806.5	
4152857	Datang Mobile Communications Equipment Co., Ltd.	17/03/2021	4152857	21804785.0	
4152887	Telefonaktiebolaget LM Ericsson (publ)	16/04/2019	4152887	22202681.7	
4152973	Philip Morris Products S.A.	18/05/2021	4152973	21727429.9	
4153382	Milwaukee Electric Tool Corporation	20/05/2021	4153382	21808328.5	
4153629	MABSOLVE LIMITED	20/05/2021	4153629	21728617.8	German
4154152	Mastercard International Incorporated	21/05/2021	4154152	21807519.0	
4154328	University of Hamburg Wisconsin Alumni Research Foundation	27/04/2021	4154328	21809801.0	
4154432	Hughes Network Systems, LLC	24/05/2021	4154432	21808933.2	
4154885	MEDRx Co., Ltd.	18/05/2021	4154885	21808425.9	
4155005	JFE Steel Corporation	08/04/2021	4155005	21813134.0	
4155233	Dueñas Sanchez, Silverio	20/05/2021	4155233	21809409.2	
4155591	GEMÜ Gebr. Müller Apparatebau GmbH & Co. Kommanditgesellschaft	01/09/2022	4155591	22193357.5	
4155711	Kidde Technologies, Inc.	24/08/2022	4155711	22191883.2	
4155718	General Electric Company	02/09/2022	4155718	22193786.5	
4155785	Samsung Electronics Co., Ltd. Research & Business Foundation SungKyunKwan University	25/04/2022	4155785	22169810.3	
4155797	Largan Digital Co., Ltd.	19/04/2022	4155797	22168721.3	
4155910	INTEL Corporation	12/07/2022	4155910	22184276.8	
4156167	Magic Leap, Inc.	15/03/2017	4156167	22204618.7	

4156434	Huawei Digital Power Technologies Co., Ltd.	07/09/2020	4156434	20952014.7	
4156491	Huawei Digital Power Technologies Co., Ltd.	19/06/2020	4156491	20940622.2	
4156583	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	19/06/2020	4156583	20941127.1	
4156866	Sony Group Corporation	25/03/2021	4156866	21809021.5	
4157066	BIOTRONIK SE & Co. KG	05/05/2021	4157066	21722905.3	
4157286	invoX Belgium NV	23/04/2021	4157286	21721904.7	
4157695	Dr. Ing. h.c. F. Porsche AG Audi AG	23/03/2021	4157695	21715786.6	German
4157814	Provivi, Inc.	01/06/2021	4157814	21818755.7	
4158058	10X Genomics, Inc.	01/06/2021	4158058	21734724.4	
4159668	PIUSI S.p.A.	12/04/2022	4159668	22167838.6	
4159821	Harima Chemicals, Incorporated	22/03/2021	4159821	21814056.4	
4159911	LG Electronics Inc.	26/06/2020	4159911	22202372.3	
4160031	NTN Corporation	13/05/2021	4160031	21818297.0	
4160237	BSH Hausgeräte GmbH	31/08/2022	4160237	22193202.3	German
4160403	Huawei Technologies Co., Ltd.	25/06/2021	4160403	21834542.9	
4160575	Wuhan China Star Optoelectronics Semiconductor Display Technology Co., Ltd.	17/06/2020	4160575	20911297.8	
4161144	Huawei Technologies Co. Ltd.	29/06/2021	4161144	21831980.4	
4161395	Smith & Nephew, Inc. Smith & Nephew Orthopaedics AG Smith & Nephew Asia Pacific Pte Limited	09/06/2021	4161395	21737268.9	
4161402	Health Research, Inc.	07/06/2021	4161402	21822376.6	
4161596	Ústav organické chemie a biochemie Akademie ved Ceske Republiky, v.v.i. Technicka Univerzita v Liberci Univerzita Karlova	25/05/2021	4161596	21734269.0	
4161614	University of Cincinnati	04/06/2021	4161614	21818851.4	
4161618	Koninklijke Philips N.V.	03/06/2021	4161618	21731946.6	
4161830	Stiesdal Offshore A/S	04/06/2021	4161830	21817908.3	
4162130	M & C Protect B.V.	03/06/2021	4162130	21730692.7	
4162145	Premiere, Inc.	05/06/2021	4162145	21818781.3	
4162160	VESTAS WIND SYSTEMS A/S	02/06/2021	4162160	21732188.4	
4162162	Edwards Limited	08/06/2021	4162162	21734897.8	
4162248	Sew-Eurodrive GmbH & Co. KG	18/05/2021	4162248	21729406.5	German
4162315	Essilor International	08/06/2021	4162315	21731474.9	
4162350	Google LLC	03/06/2020	4162350	20751847.3	
4162458	Robert Bosch GmbH	02/06/2021	4162458	21730879.0	German
4162553	thyssenkrupp Marine Systems GmbH thyssenkrupp AG	21/05/2021	4162553	21728514.7	German
4162601	Woodward, Inc.	03/06/2020	4162601	20747249.9	
4162690	Dolby Laboratories Licensing Corporation	16/06/2021	4162690	21736932.1	
4162705	Telefonaktiebolaget LM Ericsson (publ)	08/06/2020	4162705	20731856.9	
4162715	Telefonaktiebolaget LM Ericsson (publ.)	02/06/2021	4162715	21817231.0	
4162855	Suzhou Eup Electric Co. Ltd.	02/07/2020	4162855	20940752.7	
4162896	Kim, Han-Joon	03/06/2021	4162896	21818330.9	
4163133	Bayerische Motoren Werke Aktiengesellschaft	08/10/2021	4163133	21201630.7	German
4163245	TADANO LTD.	03/06/2021	4163245	21817598.2	
4163357	HITACHI HIGH-TECH CORPORATION	03/06/2020	4163357	20939354.5	
4163614	Hofmann Mess- und Auswuchttechnik GmbH & Co. KG	07/10/2021	4163614	21020500.1	German
4163791	Samsung Electronics Co., Ltd.	27/09/2022	4163791	22197953.7	
4163799	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.	16/06/2021	4163799	21838909.6	
4163917	Tata Consultancy Services Limited	29/04/2022	4163917	22170867.0	

4163986	BOE Technology Group Co., Ltd. Beijing BOE Technology Development Co., Ltd.	25/11/2021	4163986	21927643.3	
4164321	LG Electronics, Inc.	03/06/2021	4164321	21816676.7	
4164355	OVH	29/08/2022	4164355	22306276.1	
4165254	ATLAS COPCO AIRPOWER, naamloze vennootschap	03/06/2021	4165254	21732539.8	
4165449	ISP System	10/06/2021	4165449	21732013.4	French
4165853	Telefonaktiebolaget LM ERICSSON (PUBL)	10/06/2020	4165853	20733227.1	
4166120	Zuiko Corporation	04/06/2021	4166120	21821025.0	
4166176	ResMed Pty Ltd	17/12/2014	4166176	22206862.9	
4166496	SFT Laboratory Co., Ltd.	03/06/2021	4166496	21821979.8	
4166530	NGK Insulators, Ltd.	08/06/2022	4166530	22820239.6	
4166957	Infineon Technologies AG	27/09/2022	4166957	22198049.3	
4166984	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	29/06/2021	4166984	21832776.5	
4167021	BLI-DBP	12/10/2022	4167021	22201185.0	French
4167407	Omexom Hochspannung GmbH	15/08/2022	4167407	22190353.7	German
4167542	Huawei Technologies Co., Ltd.	29/06/2020	4167542	20943269.9	
4167549	Vivo Mobile Communication Co., Ltd.	01/07/2021	4167549	21837286.0	
4167952	Unilever Global IP Limited	17/05/2021	4167952	21724718.8	
4168222	Edgewell Personal Care Brands, LLC	10/06/2021	4168222	21736896.8	
4168303	Bifrost Tug AS	20/05/2021	4168303	21808597.5	
4168310	Flybotix SA	16/06/2021	4168310	21736047.8	
4168325	Sizable Energy Srl	13/08/2021	4168325	21754807.2	
4168464	BASF SE	21/06/2021	4168464	21733461.4	
4168511	LANXESS Corporation	16/06/2021	4168511	21756089.5	
4168681	J. van Walraven Holding B.V.	14/06/2021	4168681	21730633.1	
4168709	Signify Holding B.V.	14/06/2021	4168709	21731193.5	
4168750	Integra Metering SAS	17/06/2021	4168750	21740597.6	French
4168753	Endress+Hauser Flowtec AG	16/06/2021	4168753	21734782.2	German
4168780	TOTALENERGIES ONETECH	21/06/2021	4168780	21735252.5	French
4168781	TOTALENERGIES ONETECH	21/06/2021	4168781	21735253.3	French
4168789	Universiteit Antwerpen	18/06/2021	4168789	21734111.4	
4168798	Oxford Nanopore Technologies plc	29/04/2021	4168798	21724743.6	
4168819	Google LLC	17/06/2020	4168819	20753498.3	
4168825	Microsoft Technology Licensing, LLC	24/04/2021	4168825	21725901.9	
4168968	Banks and Acquirers International Holding	22/06/2020	4168968	20747015.4	French
4169130	Stäubli Electrical Connectors AG	08/06/2021	4169130	21730602.6	German
4169131	Stäubli Electrical Connectors AG	08/06/2021	4169131	21731151.3	German
4169132	Penn United Technologies, Inc.	16/06/2021	4169132	21826276.4	
4169184	ADTRAN, Inc.	21/06/2021	4169184	21825423.3	
4169199	Lenovo (Singapore) Pte. Ltd.	19/06/2021	4169199	21736703.6	
4169283	Viavi Solutions Inc.	17/06/2021	4169283	21826221.0	
4169335	Telefonaktiebolaget LM ERICSSON (PUBL)	16/06/2021	4169335	21735594.0	
4170358	Changxin Memory Technologies, Inc.	18/06/2021	4170358	21859809.2	
4170477	Weka.IO Ltd.	04/10/2016	4170477	22193756.8	
4171001	ZTE Corporation	21/06/2021	4171001	21828600.3	
4171059	Vivo Mobile Communication Co., Ltd.	16/06/2021	4171059	21825949.7	
4171104	British Telecommunications public limited company	05/02/2021	4171104	22214272.1	
4171141	Huawei Technologies Co., Ltd.	11/06/2021	4171141	21832440.8	
4171297	Philip Morris Products S.A.	24/06/2021	4171297	21734858.0	
4171340	Milwaukee Electric Tool Corporation	24/06/2021	4171340	21828394.3	
4171362	SOBR Safe, Inc.	23/04/2021	4171362	21793606.1	
4171384	Australian Lung Health Initiative Pty Ltd	25/06/2021	4171384	21827841.4	
4171478	Unilever Global IP Limited	17/06/2021	4171478	21731541.5	
4171563	Boehringer Ingelheim International GmbH	25/06/2021	4171563	21735303.6	
4171842	Sandvik SRP AB	24/06/2020	4171842	20736937.2	
4171849	Hilti Aktiengesellschaft	10/06/2021	4171849	21732270.0	German

4171910	Festool GmbH	23/06/2021	4171910	21735671.6	
4172017	VOLKSWAGEN	02/06/2021	4172017	21730194.4	German
	AKTIENGESELLSCHAFT				
4172033	Micado Smart Engineering GmbH	11/06/2021	4172033	21733760.9	German
4172092	TK Escalator Norte, S.A.	23/06/2021	4172092	21735920.7	
4172403	Concordia Textiles NV	22/06/2021	4172403	21739177.0	
4172470	SAFRAN AIRCRAFT ENGINES	29/06/2021	4172470	21742460.5	French
4172570	SAFRAN	15/06/2021	4172570	21739168.9	French
4172653	Koninklijke Philips N.V.	22/06/2021	4172653	21736554.3	
4172843	Meta Platforms, Inc.	24/06/2021	4172843	21752778.7	
4173080	Huawei Technologies Co., Ltd.	20/07/2020	4173080	20743668.4	
4173130	IFP Energies nouvelles	10/06/2021	4173130	21730249.6	French
4173140	International Business Machines Corporation	28/06/2021	4173140	21737619.3	
4173192	QUALCOMM INCORPORATED	22/06/2021	4173192	21742614.7	
4173244	Telefonaktiebolaget LM Ericsson (publ)	25/06/2020	4173244	20941768.2	
4173250	ORANGE	14/06/2021	4173250	21739164.8	French
4173481	Globeride, Inc.	25/08/2022	4173481	22192178.6	
4173697	Tata Consultancy Services Limited	20/10/2022	4173697	22202770.8	
4174264	Gretsch-Unitas GmbH Baubeschläge	26/10/2021	4174264	21204867.2	German
4174380	Sharp Kabushiki Kaisha	18/06/2021	4174380	21829752.1	
4174656	SAP SE	18/10/2022	4174656	22202054.7	
4174664	Samsung Electronics Co., Ltd.	04/10/2022	4174664	22199508.7	
4174710	Volkswagen Aktiengesellschaft	31/08/2022	4174710	22193039.9	
4174897	LS Electric Co., Ltd.	25/05/2021	4174897	21833890.3	
4174981	LG Energy Solution, Ltd.	30/08/2021	4174981	21862148.0	
4175265	Samsung Electronics Co., Ltd.	26/10/2021	4175265	21915463.0	
4175366	ZTE Corporation	15/06/2021	4175366	21834624.5	
4175398	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	22/10/2021	4175398	21922395.5	
4175440	L3Harris Technologies, Inc.	24/10/2022	4175440	22203215.3	
4176034	Unilever Global IP Limited	17/06/2021	4176034	21732328.6	
4176365	Carter, Ashley	05/07/2021	4176365	21832217.0	
4176697	Magna Electronics, LLC	10/06/2021	4176697	21746839.6	
4176792	LG Electronics Inc.	30/06/2021	4176792	21837073.2	
4176849	Shanghai Flowdynamics Medical Technology Co., Ltd	06/11/2020	4176849	20943874.6	
4176851	Shanghai Flowdynamics Medical Technology Co., Ltd	06/11/2020	4176851	20944687.1	
4177188	thyssenkrupp Automotive Body Solutions GmbH	08/11/2022	4177188	22206020.4	German
	thyssenkrupp AG				
4177380	SCREEN Holdings Co., Ltd.	16/06/2022	4177380	22179361.5	
4177470	Daikin Industries, Ltd.	25/06/2021	4177470	21832290.7	
4177685	Rockwell Automation Technologies, Inc.	03/11/2022	4177685	22205338.1	
4177721	Beijing Xiaomi Mobile Software Co., Ltd.	28/04/2022	4177721	22170411.7	
4177838	DAIHEN Corporation	26/08/2022	4177838	22192377.4	
4178123	Eagle Technology, LLC	21/10/2022	4178123	22202882.1	
4178149	L3Harris Technologies, Inc.	28/10/2022	4178149	22204574.2	
4179210	Project Phoenix, LLC	07/07/2021	4179210	21755122.5	
4179557	Lell, Peter	05/07/2021	4179557	21742701.2	German
4179858	Deere & Company	07/10/2022	4179858	22200304.8	
4179982	Tinnus Enterprises, LLC	10/03/2015	4179982	22204873.8	
4180259	Hitachi Construction Machinery Co., Ltd.	28/05/2021	4180259	21842839.9	
4180335	KAWASAKI JUKOGYO KABUSHIKI KAISHA	12/06/2018	4180335	22215370.2	
4180382	Automatic Bar Controls, Inc.	01/05/2015	4180382	23150943.1	
4180471	Daikin Industries, Ltd.	24/06/2021	4180471	21837402.3	
	National University Corporation Kobe University				
4180533	The Board of Trustees of the Leland Stanford Junior University	26/07/2017	4180533	22197655.8	

4180699	Fujikoki Corporation	16/06/2021	4180699	21838181.2	
4181494	Huawei Technologies Co. Ltd.	06/06/2022	4181494	22819487.4	
4182259	KREATEK S.r.l.	17/06/2021	4182259	21740250.2	
4182542	Saudi Arabian Oil Company	15/07/2021	4182542	21759191.6	
4182560	NETZSCH-Feinmahltechnik GmbH	01/06/2021	4182560	21736506.3	German
4182601	L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE	21/06/2021	4182601	21734813.5	French
4182620	Ludwig Bohrer Maschinenbau GmbH	30/06/2021	4182620	21739612.6	German
4182627	BAE SYSTEMS plc	30/06/2021	4182627	21737766.2	
4182818	Microsoft Technology Licensing, LLC	26/04/2021	4182818	21725645.2	
4183611	FERRARI S.p.A.	16/11/2022	4183611	22207718.2	
4184382	Universidad de Talca Herrera Leiva, Silvana Nicole	14/07/2021	4184382	21843290.4	
4184385	Porta Saber Lda	23/11/2021	4184385	21209748.9	
4184386	Porta Saber Lda	04/11/2022	4184386	22205671.5	
4184776	Huawei Digital Power Technologies Co., Ltd.	09/06/2021	4184776	21848907.8	
4185802	Parker-Hannifin Corporation	15/11/2021	4185802	21827252.4	
4185844	Endress+Hauser SE+Co. KG	21/06/2021	4185844	21735246.7	German
4186030	THALES	16/07/2021	4186030	21745797.7	French
4186344	Blue River Technology Inc.	29/11/2022	4186344	22210397.0	
4186462	Ivoclar Vivadent AG	25/11/2021	4186462	21210515.9	German
4186523	Leukocare AG	15/09/2017	4186523	22199752.1	
4186547	PKDERM	25/11/2021	4186547	21210362.6	
4186551	BMC (Tianjin) Medical Co., Ltd.	07/06/2021	4186551	21845472.6	
4186648	Nabtesco Corporation	09/11/2022	4186648	22206400.8	
4186725	VOLKSWAGEN AG	11/10/2022	4186725	22200855.9	German
4186749	B/E Aerospace, Inc.	29/11/2022	4186749	22210175.0	
4187048	AGCO International GmbH	24/11/2021	4187048	21210259.4	
4187107	CNH Industrial Italia S.p.A.	30/11/2022	4187107	22210686.6	
4187374	Huawei Technologies Co. Ltd.	25/06/2021	4187374	21849791.5	
4187377	Hangzhou Hikvision Digital Technology Co., Ltd.	22/07/2021	4187377	21845297.7	
4187999	Sharp Kabushiki Kaisha	09/06/2021	4187999	21845212.6	
4188536	Boston Scientific Neuromodulation Corporation	10/09/2021	4188536	21786734.0	
4189222	SAIPEM S.p.A.	28/07/2021	4189222	21748684.4	
4189338	UBY	28/07/2021	4189338	21759332.6	French
4189346	Endress+Hauser Flowtec AG	21/06/2021	4189346	21735247.5	German
4189997	Telefonaktiebolaget LM Ericsson (publ)	25/06/2021	4189997	21735966.0	
4190538	Tetra Laval Holdings & Finance S.A.	02/12/2022	4190538	22211066.0	
4190637	Motherson Innovations Company Ltd.	16/11/2022	4190637	22207685.3	
4190720	Hai Robotics Co., Ltd.	22/07/2021	4190720	21850197.1	
4190740	Jungheinrich Aktiengesellschaft	29/11/2022	4190740	22210365.7	German
4191139	General Electric Company	14/10/2022	4191139	22201600.8	
4191263	Yokogawa Electric Corporation	28/11/2022	4191263	22209818.8	
4191508	Imafuku, Yosuke	09/03/2021	4191508	21853578.9	
4191628	Huawei Technologies Co. Ltd.	30/06/2021	4191628	21857373.1	
4192024	Beijing Honor Device Co., Ltd.	27/08/2022	4192024	22859507.0	
4192299	NIKE Innovate C.V.	15/06/2021	4192299	21740308.8	
4194040	GE Precision Healthcare LLC	29/11/2022	4194040	22210114.9	
4194616	Komatsu Ltd.	12/11/2021	4194616	21897760.1	
4194811	Thales Defense & Security, Inc.	09/11/2016	4194811	22208862.7	
4194820	B/E Aerospace, Inc.	02/12/2022	4194820	22211234.4	
4194934	Essilor International	13/12/2021	4194934	21306759.8	
4195186	DAIKIN INDUSTRIES, LTD.	16/06/2021	4195186	21866320.1	
4195456	Hamilton Sundstrand Corporation	07/12/2021	4195456	21212864.9	
4195475	Huawei Digital Power Technologies Co., Ltd.	17/05/2021	4195475	21859701.1	
4195887	Samsung Electronics Co., Ltd.	11/11/2021	4195887	21900852.1	
4196388	HUTCHINSON	10/08/2021	4196388	21749660.3	French

4196488	Janux Therapeutics, Inc.	10/08/2021	4196488	21856576.0	
4196764	Aqua Lid Ood	15/04/2022	4196764	22721639.7	
4197201	Sony Group Corporation	12/08/2021	4197201	21751820.8	
4197518	Sumitomo Rubber Industries, Ltd.	20/09/2022	4197518	22196638.5	
4197647	Shenzhen Moore Vaporization Health & Medical Technology Co., Ltd.	14/12/2022	4197647	22213469.4	
4198342	Ningbo Geely Automobile Research & Development Co. Ltd. Zhejiang Geely Holding Group Co., Ltd.	15/12/2021	4198342	21214870.4	
4198542	Northrop Grumman Systems Corporation	14/12/2022	4198542	22213437.1	
4198980	Changxin Memory Technologies, Inc.	30/06/2021	4198980	21925373.9	
4198983	Changxin Memory Technologies, Inc.	30/06/2021	4198983	21917026.3	
4199492	Honor Device Co., Ltd.	09/09/2022	4199492	22826792.8	
4199582	Datang Mobile Communications Equipment Co., Ltd.	17/06/2021	4199582	21855223.0	
4199701	Komatsu Forest AB	17/08/2021	4199701	21858705.3	
4199868	DJO, LLC	11/08/2021	4199868	21765778.2	
4200246	Combilift	16/08/2021	4200246	21763056.5	
4200475	Voith Patent GmbH	30/06/2021	4200475	21737656.5	German
4201394	Kokyu Alcohol Kogyo Co., Ltd.	07/06/2017	4201394	23157464.1	
4201777	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	21/09/2020	4201777	20953757.0	
4201792	Universität der Bundeswehr München	23/12/2021	4201792	21217427.0	German
4201895	Rocco Lagano S.r.l.	23/11/2022	4201895	22209187.8	
4201989	Kaneka Corporation	11/08/2021	4201989	21858223.7	
4202118	Billerud Aktiebolag (publ)	22/12/2021	4202118	21216855.3	
4202249	VOLKSWAGEN AG	14/11/2022	4202249	22207187.0	German
4203000	Changxin Memory Technologies, Inc.	22/06/2021	4203000	21912937.6	
4203798	E-Scopics	27/08/2021	4203798	21766666.8	
4204070	Knitregen Limited	17/08/2021	4204070	21762759.5	
4204194	LORD INTERNATIONAL CO.	18/11/2021	4204194	21814771.8	German
4204320	WestRock Packaging Systems, LLC	24/08/2021	4204320	21772908.6	
4204514	B. Braun Melsungen AG	23/08/2021	4204514	21769675.6	German
4204869	Northrop Grumman Systems Corporation	05/05/2021	4204869	21731615.7	
4204908	Samson Aktiengesellschaft	13/08/2021	4204908	21759092.6	German
4205203	The Lubrizol Corporation	23/08/2021	4205203	21790258.4	
4205255	Worldwisetrading Ltd	25/08/2021	4205255	21766222.0	
4205783	ICU Medical, Inc.	07/11/2019	4205783	23157451.8	
4206036	NISSAN MOTOR CO., LTD.	25/08/2020	4206036	20946538.4	
4206464	Hamilton Sundstrand Corporation	05/12/2022	4206464	22211386.2	
4206633	LG Energy Solution, Ltd.	10/06/2022	4206633	22825237.5	
4206639	BOE Technology Group Co., Ltd. Chongqing Boe Display Technology Co., Ltd.	24/08/2021	4206639	21860356.1	
4206676	HITACHI HIGH-TECH CORPORATION	02/03/2021	4206676	21860814.9	
4206687	Oxford Instruments Asylum Research, Inc.	02/02/2022	4206687	23155607.7	
4206721	Aptiv Technologies AG	23/09/2022	4206721	22197377.9	
4206807	LG Display Co., Ltd.	19/12/2022	4206807	22214637.5	
4207080	Beijing Zitiao Network Technology Co., Ltd.	13/04/2022	4207080	22790918.1	
4207086	Samsung Electronics Co., Ltd.	17/08/2022	4207086	22190811.4	
4207251	Resonac Corporation	24/06/2021	4207251	21860948.5	
4208247	Charité - Universitätsmedizin Berlin	02/09/2021	4208247	21773310.4	
4208961	Signify Holding B.V.	31/08/2021	4208961	21766496.0	
4209760	Elmos Semiconductor SE	10/01/2022	4209760	22150815.3	
4210197	Nanjing Chervon Industry Co., Ltd.	22/12/2022	4210197	22215735.6	
4210271	nChain Licensing AG	04/06/2018	4210271	23158641.3	
4210297	ZTE Corporation	25/06/2021	4210297	21863329.5	
4210700	Crinetics Pharmaceuticals, Inc.	07/09/2021	4210700	21786673.0	
4210970	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	10/09/2020	4210970	20786087.5	

4211423	Topcon Positioning Systems, Inc.	10/09/2020	4211423	20953450.2	German
4211518	Endress+Hauser SE+Co. KG	16/08/2021	4211518	21759305.2	
4211560	Oracle International Corporation	04/06/2021	4211560	21736123.7	
4211622	International Business Machines Corporation	09/09/2021	4211622	21773605.7	
4212124	Zumax Medical Co., Ltd.	25/04/2021	4212124	21870772.7	German
4212382	Contemporary Amperex Technology (Hong Kong) Limited	27/08/2021	4212382	21954622.3	
4212539	Universal Display Corporation	15/12/2022	4212539	22213964.4	
4213294	AUDI AG	21/11/2022	4213294	22208504.5	
4213437	Samsung Display Co., Ltd.	16/01/2023	4213437	23151767.3	French
4214500	SUPERSONIC IMAGINE	14/09/2021	4214500	21785950.3	
	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE -CNRS- Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris				
4214611	PHOENIX CONTACT GMBH & CO. KG	16/09/2021	4214611	21777771.3	
4215472	Gandossi, Alfredo	25/01/2023	4215472	23153303.5	German
4215473	Auramo OY	20/01/2022	4215473	22152341.8	
4215799	Inosystems	02/12/2022	4215799	22211128.8	
4216501	Honor Device Co., Ltd.	13/04/2022	4216501	22823886.1	
4216868	Solventum Intellectual Properties Company	02/09/2021	4216868	21765724.6	German
4216880	Otto Bock Healthcare Products GmbH	22/09/2021	4216880	21782930.8	
4217332	T.EN PROCESS TECHNOLOGY, INC.	24/09/2020	4217332	20955442.7	
4217633	Siemens Energy AS	21/10/2021	4217633	21805386.6	
4217767	Saudi Arabian Oil Company	27/09/2021	4217767	21795143.3	
4217894	International Business Machines Corporation	15/09/2021	4217894	21778002.2	
4218392	Deere & Company	27/09/2022	4218392	22198061.8	
4218633	Moximed, Inc.	25/06/2012	4218633	23167635.4	
4218698	Paul Hartmann AG	27/01/2022	4218698	22382060.6	German
4219194	TOYO TIRE CORPORATION	18/01/2023	4219194	23152278.0	
4220021	Schmöle GmbH	27/01/2023	4220021	23153707.7	
4220372	Beijing Xiaomi Mobile Software Co., Ltd.	12/12/2018	4220372	23165981.4	
4221452	Ofinno, LLC	14/01/2022	4221452	23165787.5	German
4221464	Tridonic GmbH & Co. KG	06/06/2016	4221464	23177609.7	
4222141	The Chemours Company FC, LLC	30/09/2021	4222141	21811159.9	
4222638	Mastercard Technologies Canada ULC	30/09/2021	4222638	21873771.6	
4223091	Deere & Company	11/01/2023	4223091	23151140.3	
4223326	Narodni Centrum Tkani a Bunek a.s.	31/01/2023	4223326	23154236.6	
4223567	MANN+HUMMEL GmbH	03/02/2022	4223567	22154895.1	
4223749	Deyi Pharmaceutical Ltd.	21/01/2021	4223749	21890469.6	
4224234	Largan Precision Co. Ltd.	12/01/2023	4224234	23151368.0	
4224831	Honor Device Co., Ltd.	09/06/2022	4224831	22819621.8	
4224927	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	30/09/2020	4224927	20955783.4	
4226798	RAI Strategic Holdings, Inc.	27/04/2017	4226798	23181624.0	
4227690	TMEIC Corporation	06/10/2020	4227690	20956673.6	
4227842	WOORI TECHNOLOGIES CORPORATION	24/03/2021	4227842	21933326.7	
	Kim, Deok Woo				
4227927	Gutiérrez Salazar, Jaime Ricardo	10/10/2020	4227927	20923484.8	German
	López Lisboa, Jaime Andrés				
4228288	Dolby Laboratories Licensing Corporation	24/10/2018	4228288	23168769.0	
4228341	Apple Inc.	27/01/2023	4228341	23153624.4	
4229257	INVENTIO AG	06/10/2021	4229257	21787434.6	
4229633	Dolby Laboratories Licensing Corporation	15/10/2021	4229633	21798240.4	
4230089	Goppion S.p.A.	14/02/2023	4230089	23156629.0	
4230184	Techno Takatsuki Co., Ltd.	13/12/2022	4230184	22213050.2	
4230269	Kidde Technologies, Inc.	27/01/2023	4230269	23153819.0	
4230844	ANSALDO ENERGIA S.p.A.	04/11/2019	4230844	23170966.8	
4231559	L3Harris Technologies, Inc.	09/02/2023	4231559	23155894.1	

4231805	Samsung Display Co., Ltd.	16/02/2023	4231805	23156945.0	
4231871	Goruck Holdings, LLC	22/10/2021	4231871	21810815.7	
4232714	Cornell Pump Company LLC	22/10/2021	4232714	21806106.7	
4232746	Hoffmann, Helge Tobuschat, Hans Ulrich	22/10/2021	4232746	21801048.6	German
4232794	Diapath S.p.A.	21/10/2021	4232794	21806375.8	
4233199	EnduroSat Joint Stock Company	11/02/2021	4233199	21710869.5	
4233266	Xilinx, Inc.	01/09/2021	4233266	21794263.0	
4233422	Telefonaktiebolaget LM Ericsson (publ)	22/10/2021	4233422	21801638.4	
4233447	Telefonaktiebolaget LM Ericsson (publ)	23/10/2020	4233447	20797450.2	
4233488	Nokia Technologies Oy	23/10/2020	4233488	20800040.6	
4234229	CARDINAL IG COMPANY	16/08/2019	4234229	23185910.9	
4234287	Carrier Corporation	22/02/2023	4234287	23157959.0	
4234637	Denka Company Limited	02/12/2021	4234637	21900670.7	
4234781	NIKE Innovate C.V.	26/04/2019	4234781	23163173.0	
4234880	Halliburton Energy Services, Inc.	30/11/2018	4234880	23178550.2	
4234962	Sukup Manufacturing Co.	21/12/2017	4234962	23177265.8	
4234982	ArvinMeritor Technology, LLC	22/09/2020	4234982	23176108.1	
4234983	Univance Corporation	02/03/2021	4234983	21928991.5	
4234996	Fujikoki Corporation	21/02/2023	4234996	23157746.1	
4235045	VKR Holding A/S	13/10/2017	4235045	23179221.9	
4235136	Mueller International, LLC	14/09/2018	4235136	23186244.2	
4235650	Sonos, Inc.	18/10/2017	4235650	23172783.5	
4236036	Huawei Digital Power Technologies Co., Ltd.	02/06/2021	4236036	21896257.9	
4236063	Huawei Digital Power Technologies Co., Ltd.	13/08/2021	4236063	21890708.7	
4236187	Sanechips Technology Co., Ltd.	04/11/2021	4236187	21888637.2	
4236197	ADP, Inc.	17/02/2020	4236197	23171107.8	
4236287	Dolby Laboratories Licensing Corporation	29/10/2014	4236287	23174851.8	
4236295	Huawei Technologies Co. Ltd.	23/11/2021	4236295	21894075.7	
4236551	Huawei Technologies Co. Ltd.	12/06/2015	4236551	23174562.1	
4236672	AGCO International GmbH	26/10/2021	4236672	21805624.0	
4236764	Koninklijke Philips N.V.	20/10/2021	4236764	21791413.4	
4236844	DePuy Synthes Products, Inc.	15/10/2021	4236844	21806811.2	
4236906	Dow Global Technologies, LLC Rohm and Haas Company	28/10/2021	4236906	21811629.1	
4238169	Kautex Textron GmbH & Co. KG	18/10/2021	4238169	21794376.0	German
4238540	AccuMedical Beijing Ltd.	21/10/2021	4238540	21885019.6	
4238923	Gomis Rabassa, Juan Ramón	02/03/2022	4238923	22382191.9	
4239044	The Procter & Gamble Company	02/03/2022	4239044	22159621.6	
4239175	Rolls-Royce plc	07/02/2023	4239175	23155253.0	
4239176	Rolls-Royce plc	07/02/2023	4239176	23155250.6	
4239255	Zeffiro S.r.l.	01/03/2023	4239255	23020097.4	
4239265	Dae Sung Machinery Co., Ltd. ECOPRO BM CO., LTD.	15/12/2022	4239265	22213926.3	
4239439	Samsung Electronics Co., Ltd.	29/10/2021	4239439	21900823.2	
4239540	Honor Device Co., Ltd.	13/12/2022	4239540	22896833.5	
4239753	Xerox Corporation National Research Council of Canada	13/02/2023	4239753	23156292.7	
4240622	Siemens Mobility GmbH	06/12/2021	4240622	21835644.2	German
4240983	SEW-EURODRIVE GmbH & Co. KG	20/10/2021	4240983	21798021.8	German
4241427	Nokia Solutions and Networks Oy	20/10/2021	4241427	21888736.2	
4241862	Lg Chem, Ltd.	16/06/2022	4241862	22878661.2	
4242015	Airbus Operations Limited	16/06/2020	4242015	23177082.7	
4242104	Beijing Jingdong Qianshi Technology Co., Ltd.	12/10/2021	4242104	21888364.3	
4243020	Changxin Memory Technologies, Inc.	17/06/2022	4243020	22860018.5	
4243241	LG Energy Solution, Ltd.	26/10/2022	4243241	22887623.1	
4243923	Sorin CRM SAS	16/11/2021	4243923	21806292.5	
4243944	Total Gym Global Corp.	09/11/2021	4243944	21892675.6	
4244174	FQ IP AB	02/02/2023	4244174	23704463.1	

4244265	Inovyn Europe Limited	08/11/2021	4244265	21802371.1	
4244848	Google LLC	16/11/2021	4244848	21823435.9	
4245293	Clariant International Ltd	15/03/2022	4245293	22162354.9	
4245295	Alkahest, Inc.	04/04/2018	4245295	23168381.4	
4245541	Hamilton Sundstrand Corporation	26/09/2018	4245541	23186233.5	
4246113	duotec GmbH	15/03/2023	4246113	23162018.8	German
4246183	Robert Bosch GmbH	18/03/2022	4246183	22163026.2	
4246347	Huawei Technologies Co. Ltd.	16/12/2021	4246347	21909265.7	
4246441	Arçelik Anonim Sirketi	27/02/2023	4246441	23158788.2	
4246704	Contemporary Amperex Technology (Hong Kong) Limited	29/12/2021	4246704	21936238.1	
4247343	Mivital AG	18/11/2021	4247343	21815484.7	German
4248906	Intuitive Surgical Operations, Inc.	20/12/2016	4248906	23192207.1	
4249175	Nabtesco Corporation	10/03/2023	4249175	23161194.8	
4249334	Siemens Mobility GmbH	17/03/2023	4249334	23162691.2	German
4249348	Österreichische Post AG	22/03/2023	4249348	23163328.0	German
4249372	The Boeing Company	16/03/2023	4249372	23162244.0	
4249679	Wirtgen GmbH	22/03/2023	4249679	23163548.3	
4249739	Rolls-Royce plc	23/02/2023	4249739	23158199.2	
4249880	Mueller International, LLC	14/09/2018	4249880	23186238.4	
4249927	MITSUBISHI ELECTRIC CORPORATION	23/03/2022	4249927	22305350.5	
4250036	Deere & Company	02/03/2023	4250036	23159703.0	
4250045	Kubota Corporation	01/11/2021	4250045	21894461.9	
4250174	FUJIFILM Business Innovation Corp.	02/11/2022	4250174	22205000.7	
4250287	Google LLC	07/02/2019	4250287	23189459.3	
4250860	Huawei Technologies Co. Ltd.	31/12/2020	4250860	20967918.2	
4251808	Premcrete Limited	29/11/2021	4251808	21819563.4	
4251987	Schaeffler Technologies AG & Co. KG	08/11/2021	4251987	21809957.0	German
4252082	Hi-Tek Office S.r.l.	30/11/2020	4252082	20851417.4	
4252606	Miele & Cie. KG	27/02/2023	4252606	23158659.5	German
4252740	Small'Lab Co., Ltd.	18/11/2022	4252740	22908812.5	
4252741	Small'Lab Co., Ltd.	18/11/2022	4252741	22908821.6	
4252759	Memorial Sloan Kettering Cancer Center	10/05/2019	4252759	23167921.8	
4252807	ZOLL Medical Corporation	06/04/2011	4252807	23182796.5	
4253031	AIRBUS OPERATIONS (S.A.S.)	14/03/2023	4253031	23161790.3	French
4253118	Jing-Jin Electric Technologies Co., Ltd.	08/06/2021	4253118	21922149.6	
4253145	TVS Motor Company Limited	08/03/2023	4253145	23160634.4	
4253626	Newtech Textile Technology Development (Shanghai) Co., LTD	16/04/2021	4253626	21863075.4	
4253847	MITSUBISHI ELECTRIC CORPORATION	28/03/2022	4253847	22164659.9	
4254095	OMRON Corporation	17/03/2023	4254095	23162566.6	
4254606	Contemporary Amperex Technology (Hong Kong) Limited	06/06/2022	4254606	22891427.1	
4254708	NR Electric Co., Ltd	16/03/2022	4254708	22770549.8	
4254719	NR Engineering Co., Ltd				
4254719	LG Energy Solution, Ltd.	07/10/2022	4254719	22878986.3	
4254936	Panasonic Intellectual Property Management Co., Ltd.	24/11/2021	4254936	21897967.2	
4255077	Panasonic Intellectual Property Corporation of America	05/11/2015	4255077	23181245.4	
4255715	The Supreme Industries Limited	03/12/2020	4255715	20819736.8	
4255861	HEGLA boraident GmbH & Co. KG	03/11/2021	4255861	21807003.5	German
4256947	Pöttinger Landtechnik GmbH	10/01/2023	4256947	23150857.3	German
4257038	Intelligent Implants Limited	19/03/2016	4257038	23171183.9	
4257060	C. R. Bard, Inc.	29/10/2010	4257060	23181368.4	
4257177	Case Western Reserve University	13/03/2020	4257177	23194830.8	
4257432	VOLKSWAGEN AG	29/11/2022	4257432	22210299.8	German
4257492	Airbus Operations	04/04/2023	4257492	23166477.2	French
4258344	Changxin Memory Technologies, Inc.	07/09/2021	4258344	21949001.8	
4258354	Samsung Display Co., Ltd.	31/03/2023	4258354	23166180.2	

4259353	Technische Universität Berlin	09/12/2021	4259353	21836424.8	German
4259460	Continental Reifen Deutschland GmbH	29/11/2021	4259460	21830939.1	German
4259994	International Business Machines Corporation	03/12/2021	4259994	21835991.7	
4260001	Nantes Université	30/11/2021	4260001	21827401.7	French
4260824	Globus Medical, Inc.	07/04/2023	4260824	23167189.2	
4261591	L3Harris Technologies, Inc.	14/03/2023	4261591	23161876.0	
4261611	Valeo Comfort and Driving Assistance	11/04/2022	4261611	22167676.0	
4261896	Trina Solar Co., Ltd	30/08/2023	4261896	23194286.3	
4261919	LG Energy Solution, Ltd.	28/11/2022	4261919	22907766.4	
4262167	Panduit Corp.	14/04/2023	4262167	23168053.9	
4263302	Robert Bosch GmbH	02/12/2021	4263302	21835617.8	German
4263347	Endress+Hauser Process Solutions AG	18/11/2021	4263347	21816369.9	German
4263644	Evonik Operations GmbH	13/12/2021	4263644	21820290.1	German
4264005	Welltec Manufacturing Center Completions ApS	17/12/2021	4264005	21840591.8	
4264037	Robert Bosch GmbH	07/12/2021	4264037	21838993.0	German
4264103	E. Hawle Armaturenwerke GmbH	13/12/2021	4264103	21839396.5	German
4265142	ASICS Corporation	21/01/2021	4265142	21921006.9	
4265143	ASICS Corporation	21/01/2021	4265143	21920988.9	
4265393	The Procter & Gamble Company	21/04/2022	4265393	22169199.1	
4265485	Valeo Systèmes d'Essuyage	22/04/2022	4265485	22169568.7	
4265938	Ningbo Geely Automobile Research & Development Co. Ltd.	19/04/2022	4265938	22168916.9	
	Zhejiang Geely Holding Group Co., Ltd.				
4266111	Valeo Systèmes d'Essuyage	20/04/2022	4266111	22168925.0	
4266180	Samsung Electronics Co., Ltd.	28/03/2023	4266180	23164698.5	
4266221	BlackBerry Limited	11/01/2023	4266221	23151089.2	
4266338	Samsung Electronics Co., Ltd.	22/02/2022	4266338	22756595.9	
4266748	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	06/05/2021	4266748	21939654.6	
4267314	Johnson Matthey Public Limited Company	03/12/2021	4267314	21839242.1	
4267400	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	22/12/2020	4267400	20845473.6	
4268663	All Star C.V.	22/11/2019	4268663	23195572.5	
4268976	LG Energy Solution, Ltd.	01/11/2022	4268976	22893098.8	
4269379	Mitsubishi Chemical Corporation	24/12/2021	4269379	21915226.1	
4269653	The Boeing Company	18/06/2020	4269653	23193578.4	
4271760	Luxembourg Institute of Science and Technology (LIST)	29/11/2021	4271760	21816465.5	
4272068	ORACLE INTERNATIONAL CORPORATION	08/09/2021	4272068	21786304.2	
4272120	Imprimerie Nationale	24/12/2021	4272120	21904619.0	French
4272621	Henkel AG & Co. KGaA	06/05/2022	4272621	22172051.9	
4272624	Wuhan United Imaging Life Science Instrument Co., Ltd	10/09/2021	4272624	21913205.7	
4272997	LG Energy Solution, Ltd.	13/10/2022	4272997	22887430.1	
4273045	Goodrich Corporation	25/04/2023	4273045	23169733.5	
4273316	SEB S.A.	24/04/2023	4273316	23169357.3	French
4273413	Vivo Mobile Communication Co., Ltd.	29/12/2021	4273413	21914470.6	
4274761	Laki Power ehf.	05/01/2022	4274761	22703460.0	
4275230	Signify Holding B.V.	28/12/2021	4275230	21847696.8	
4275463	Lemken GmbH & Co KG	09/05/2023	4275463	23172314.9	German
4275703	Zhejiang University	09/12/2022	4275703	22908810.9	
4275795	Sandvik Ltd	10/05/2022	4275795	22172624.3	
4275880	SIG Services AG	09/05/2022	4275880	22172363.8	
4275899	Seurat Technologies, Inc.	28/10/2016	4275899	23190077.0	
4276346	DOVER FUELING SOLUTIONS UK LIMITED	08/05/2023	4276346	23172040.0	
4276759	Samsung Electronics Co., Ltd.	09/01/2023	4276759	23150758.3	
4276882	Changxin Memory Technologies, Inc.	13/04/2022	4276882	22924581.6	
4276998	LG Energy Solution, Ltd.	18/01/2023	4276998	23743466.7	

4277535	Koninklijke Philips N.V. Philips Image Guided Therapy Corporation	12/01/2022	4277535	22701319.0	
4277875	ExxonMobil Chemical Patents Inc.	22/08/2022	4277875	22769519.4	
4278525	Lenovo (Beijing) Limited	15/01/2021	4278525	21918554.3	
4278927	Julius Blum GmbH	22/06/2021	4278927	23201844.0	German
4279159	Dong, Lin	08/11/2021	4279159	21935813.2	
4279826	Panasonic Intellectual Property Management Co., Ltd.	08/05/2023	4279826	23171991.5	
4279884	Toyota Jidosha Kabushiki Kaisha	10/05/2023	4279884	23172634.0	
4280069	Contemporary Amperex Technology (Hong Kong) Limited	02/04/2022	4280069	22899599.9	
4280174	Tata Consultancy Services Limited	17/05/2023	4280174	23173971.5	
4280208	ALPS ALPINE CO., LTD.	25/04/2023	4280208	23169870.5	
4280379	Honor Device Co., Ltd.	25/08/2022	4280379	22885376.8	
4281224	Dürr Systems AG	17/01/2022	4281224	22700791.1	German
4281513	Universität für Bodenkultur Wien	21/01/2022	4281513	22701938.7	
4281649	Interwell Norway AS	19/01/2022	4281649	22702633.3	
4281706	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	21/01/2022	4281706	22701259.8	
4281713	Modine Manufacturing Company	20/01/2022	4281713	22703229.9	
4281814	TOTALENERGIES ONETECH	25/01/2021	4281814	21709462.2	
4282517	Stratec SE	24/05/2023	4282517	23175085.2	
4282607	Wintersteiger, Herbert	15/01/2020	4282607	23202370.5	German
4283206	Guangdong Meizhi Precision- Manufacturing Co., Ltd. Guangdong Meizhi Compressor Co., Ltd.	15/03/2022	4283206	22902647.1	
4283495	Apple Inc.	11/05/2021	4283495	23203421.5	
4283687	Zhejiang Jinko Solar Co., Ltd. JINKO SOLAR CO., LTD	20/06/2022	4283687	22179892.9	
4284134	Eagle Technology, LLC	08/05/2023	4284134	23172056.6	
4284135	Cooler Master Co., Ltd.	30/03/2021	4284135	23202366.3	
4284314	Solventum Intellectual Properties Company	27/01/2022	4284314	22703059.0	
4285403	PINK GmbH Thermosysteme	28/01/2022	4285403	22708766.5	German
4285787	Ducarroz, Birgit	10/10/2023	4285787	23202426.5	German
4286542	NIPPON STEEL CORPORATION	23/03/2022	4286542	22775695.4	
4286803	Electronic Theatre Controls, Inc.	02/06/2023	4286803	23176988.6	
4286833	Hach Lange GmbH	01/06/2022	4286833	22176715.5	
4287148	By Techdesign S.L.	30/05/2022	4287148	22382519.1	
4287486	ABB Schweiz AG	01/06/2022	4287486	22176628.0	
4287593	Honor Device Co., Ltd.	09/01/2023	4287593	23742741.4	
4287904	YKK (U.S.A.) Inc.	14/01/2022	4287904	22703159.8	
4288171	Headis GmbH	01/02/2022	4288171	22708306.0	German
4288180	Daimler Truck AG	02/02/2022	4288180	22708780.6	German
4288322	VOLKSWAGEN AKTIENGESELLSCHAFT	25/01/2022	4288322	22701952.8	German
4288688	Big Elk Energy Systems, LLC	02/02/2022	4288688	22705940.9	
4289187	InterDigital Patent Holdings, Inc.	08/02/2022	4289187	22706181.9	
4289245	Deere & Company	07/06/2023	4289245	23178083.4	
4289537	HEULE Werkzeug AG	10/06/2022	4289537	22178312.9	German
4289594	Aptiv Technologies AG	07/06/2022	4289594	22177687.5	
4289645	Carrier Corporation	05/06/2023	4289645	23177400.1	
4290014	Adolf Nissen Elektrobau GmbH + Co. KG	30/05/2023	4290014	23176150.3	German
4290100	Deere & Company	10/05/2023	4290100	23172523.5	German
4290111	ContiTech Techno-Chemie GmbH	09/05/2023	4290111	23172181.2	German
4290522	Changxin Memory Technologies, Inc.	20/06/2022	4290522	22924583.2	
4290846	Sony Semiconductor Solutions Corporation	26/10/2021	4290846	23206458.4	
4291003	Samsung Display Co., Ltd.	01/06/2023	4291003	23176762.5	
4291413	Unilin, BV Interprint GmbH	31/01/2022	4291413	22701729.0	
4291943	Bertin Technologies	09/02/2022	4291943	22704385.8	French
4292254	Oracle International Corporation	14/01/2022	4292254	22708639.4	

4292568	Heinz Kurz GmbH	26/05/2023	4292568	23175656.0	German
4293328	SAGEMCOM BROADBAND SAS	11/06/2023	4293328	23178566.8	French
4293470	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	05/06/2023	4293470	23177289.8	French
4293925	Samsung Electronics Co., Ltd.	05/04/2022	4293925	22784903.1	French
4294083	Vivo Mobile Communication Co., Ltd.	08/02/2022	4294083	22752245.5	
4296169	Airbus S.A.S.	22/06/2022	4296169	22180570.8	
4296170	TLD Europe	22/06/2022	4296170	22305907.2	
4296567	Julio Berkes S.A.	22/06/2022	4296567	22382592.8	
4296585	Panasonic Intellectual Property Management Co., Ltd.	12/06/2023	4296585	23178681.5	
4296590	Daikin Industries, Ltd.	18/02/2022	4296590	22756285.7	
4296701	NOVUM engineeriNG GmbH	24/06/2022	4296701	22181104.5	
4296737	Acon Optics Communications Inc.	24/06/2022	4296737	22180908.0	
4296808	Hexagon Technology Center GmbH	20/06/2022	4296808	22179835.8	
4296862	Key ASIC Inc.	16/08/2022	4296862	22190661.3	
4296866	SAP SE	13/06/2023	4296866	23178833.2	
4297187	Honor Device Co., Ltd.	08/12/2022	4297187	22899600.5	
4298364	MAG Aerospace Industries, LLC	04/05/2021	4298364	21728349.8	
4299135	Pfizer Inc.	16/06/2020	4299135	23203023.9	
4299139	CTXT PTY LTD Instytut Podstawowych Problemów Techniki Polskiej Akademii Nauk	20/04/2023	4299139	23168989.4	
4299440	Airbus Operations GmbH	29/06/2022	4299440	22181951.9	German
4299811	BROTHER KOGYO KABUSHIKI KAISHA	27/06/2023	4299811	23181872.5	
4299860	Krebs, Samuel	29/06/2022	4299860	22182058.2	
4299872	Sundean and Dr. Pan Industries Inc.	30/06/2022	4299872	22182174.7	
4300050	Yokogawa Electric Corporation	20/06/2023	4300050	23180417.0	German
4300116	Bruker Switzerland AG	29/06/2023	4300116	23182244.6	
4300222	Rockwell Automation Technologies, Inc.	19/06/2023	4300222	23180015.2	
4300251	Panasonic Intellectual Property Management Co., Ltd.	16/11/2021	4300251	21928042.7	German
4300351	SICK AG	11/05/2023	4300351	23172697.7	
4300353	LiveDrop B.V.	28/06/2022	4300353	22181484.1	
4300354	Kordsa Teknik Tekstil A.S SES RFID Solutions GmbH	01/07/2022	4300354	22182643.1	
4300388	SAP SE	21/06/2023	4300388	23180761.1	
4300646	Contemporary Amperex Technology (Hong Kong) Limited	21/07/2022	4300646	22866259.9	
4300874	Onlyowner Technology Limited	04/11/2022	4300874	22900195.3	
4302848	Universal City Studios LLC	15/06/2020	4302848	23211318.3	
4302926	Milwaukee Electric Tool Corporation	15/06/2023	4302926	23179387.8	German
4303393	BiRoll GmbH	08/07/2022	4303393	22183906.1	
4303396	Downhole Products Limited	06/06/2023	4303396	23177600.6	
4303769	Tata Consultancy Services Limited	14/06/2023	4303769	23179266.4	German
4303943	PowerCo SE	07/06/2023	4303943	23177842.4	
4304158	Samsung Electronics Co., Ltd.	21/02/2022	4304158	22763517.4	
4304321	Everspin Technologies, Inc.	13/11/2018	4304321	23206319.8	German
4304417	OSCA S.r.l.	09/03/2021	4304417	21723018.4	
4304439	Dextron Technology Ltd	25/03/2022	4304439	22715150.3	
4304747	Brainaix Swiss AG	03/03/2022	4304747	22709730.0	
4304832	Mercedes-Benz Group AG	08/12/2021	4304832	21839344.5	German
4305275	Intelliserv LLC	10/03/2022	4305275	22767997.4	
4305965	Babylat AG	11/07/2023	4305965	23184820.1	
4305995	Sanliuyidu (China) Co., Ltd. Sanliuyidu (Fujian) Sports Goods Co., Ltd.	30/06/2022	4305995	22859543.5	German
4306755	Salamander Industrie-Produkte GmbH	12/07/2023	4306755	23185037.1	
4307164	Fingerprint Cards Anacatum IP AB	05/07/2023	4307164	23183482.1	
4307181	Google LLC	30/12/2016	4307181	23194960.3	
4307351	Changxin Memory Technologies, Inc.	13/06/2022	4307351	22782811.8	

4307949	MAS Innovation (Private) Limited	16/03/2022	4307949	22712673.7	
4308207	Philip Morris Products, S.A.	15/03/2022	4308207	22710182.1	
4308414	MFI Italy Engineering S.r.l.	22/05/2023	4308414	23727098.8	
4308658	PPG Industries Ohio, Inc.	07/06/2023	4308658	23736575.4	
4308847	Wärtsilä Gas Solutions Norway AS	23/06/2021	4308847	21736994.1	
4308879	UMWELTDATA Gesellschaft m.b.H	24/03/2021	4308879	21714800.6	German
4308979	Mettler-Toledo Safeline Limited	15/03/2022	4308979	22715052.1	
4309136	Sony Group Corporation	24/02/2022	4309136	22707740.1	
4309746	FOGTEC Brandschutz GmbH	07/04/2021	4309746	23214257.0	German
4310230	Rieter AG	30/06/2023	4310230	23182571.2	German
4310436	Zloczower, Leon	13/07/2023	4310436	23185400.1	
	Mesilati, Ami				
4310467	BGP Inc., China National Petroleum Corporation	30/06/2022	4310467	22913261.8	
	China National Petroleum Corporation				
4310845	NXP USA, Inc.	06/06/2023	4310845	23177547.9	
4311248	Juniper Networks, Inc.	08/02/2022	4311248	23212885.0	
4311490	BIOSENSE WEBSTER (ISRAEL) LTD.	26/07/2023	4311490	23187732.5	
4311676	Brother Kogyo Kabushiki Kaisha	05/07/2023	4311676	23183678.4	
4311957	NTN Europe	28/06/2023	4311957	23182031.7	French
4311998	ZF Friedrichshafen AG	25/07/2023	4311998	23187473.6	German
4312485	Biocare Gesellschaft Für Biologische Schutz-Mittel MbH	12/06/2023	4312485	23732873.7	German
	Otto-von-Guericke-Universität Magdeburg				
4312561	Neo Chemicals & Oxides, LLC	04/04/2022	4312561	22718505.5	
4312824	Edwards Lifesciences Corporation	07/03/2022	4312824	22712719.8	
4313156	Ludwig-Maximilians-Universität München	22/03/2022	4313156	22717137.8	
4313596	LTS LOHMANN Therapie-Systeme AG	17/03/2022	4313596	22716868.9	German
4313633	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	21/03/2022	4313633	22716914.1	
4314163	Vinci Construction	01/04/2022	4314163	22718748.1	French
	SK Geo Centric Co., Ltd.				
4314695	THALES	01/04/2022	4314695	22719931.2	French
4315436	Lumileds LLC	23/03/2022	4315436	22781904.2	
4317669	MITSUBISHI HEAVY INDUSTRIES ENGINE & TURBOCHARGER, LTD.	02/06/2022	4317669	22816187.3	
4318249	Samsung Electronics Co., Ltd.	29/06/2023	4318249	23182373.3	
4318294	Winbond Electronics Corp.	16/06/2023	4318294	23179743.2	
4318458	Kim, Minhong	30/06/2021	4318458	21933352.3	
4318474	Changxin Memory Technologies, Inc.	27/06/2022	4318474	22847397.1	
4318893	AISIN CORPORATION	28/03/2022	4318893	22780701.3	
	Mitsubishi Jidosha Kogyo Kabushiki Kaisha				
4319670	Acclarent, Inc.	05/04/2022	4319670	22715759.1	
	BIOSENSE WEBSTER (ISRAEL) LTD.				
4319680	Eder, Klaus	22/03/2022	4319680	22713848.4	German
4319718	Evonik Operations GmbH	22/03/2022	4319718	22716940.6	
4320315	ICL Tech Limited	07/04/2022	4320315	22717888.6	
4320328	Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Bamberg	08/06/2022	4320328	22733016.4	German
4320356	Hydac Fluidtechnik GmbH	01/06/2022	4320356	22735292.9	German
4321247	Research Triangle Institute	16/01/2020	4321247	23211002.3	
4321541	MITSUBISHI GAS CHEMICAL COMPANY, INC.	14/06/2022	4321541	22824974.4	
4321813	Foshan Shunde Midea Electric Science and Technology Co., Ltd.	25/10/2021	4321813	21947967.2	
	GD Midea Air-Conditioning Equipment Co., Ltd.				
4322058	Nokia Solutions and Networks Oy	10/08/2022	4322058	22189723.4	
4322190	Huawei Digital Power Technologies Co., Ltd.	11/08/2023	4322190	23191150.4	
4322240	LG Energy Solution, Ltd.	26/01/2023	4322240	23747329.3	

4322711	Samsung Electronics Co., Ltd.	11/05/2022	4322711	22833393.6	
4323093	EMD Millipore Corporation	14/04/2022	4323093	22721569.6	
4323479	Gregio Energie AG	08/04/2022	4323479	22722421.9	
4323620	Welltec Manufacturing Center Completions ApS	13/04/2022	4323620	22722516.6	
4323731	Schaeffler Technologies AG & Co. KG	08/03/2022	4323731	22711146.5	German
4323855	Microsoft Technology Licensing, LLC	14/03/2022	4323855	22714306.2	
4324983	Joseph Vögele AG	29/09/2021	4324983	24150483.6	German
4325175	Kidde Technologies, Inc.	06/06/2019	4325175	23218852.4	
4325394	Hand Held Products, Inc.	16/01/2017	4325394	23220405.7	
4325438	Magic Leap, Inc.	21/06/2019	4325438	23218626.2	
4325728	EMDEP 2, S.L.	18/08/2022	4325728	22382789.0	
4326172	Boston Scientific Scimed, Inc. Boston Scientific Medical Device Limited	21/06/2022	4326172	22747225.5	
4326223	Henkel AG & Co. KGaA	28/03/2022	4326223	22718667.3	German
4327550	Jabil Inc.	23/05/2022	4327550	22805664.4	
4327991	DAREX, LLC	30/06/2023	4327991	23182759.3	
4327999	Hitachi, Ltd.	06/06/2023	4327999	23177720.2	
4328272	Tomatec Co., Ltd.	21/06/2022	4328272	22908851.3	
4328405	Hyundai Mobis Co., Ltd.	22/12/2022	4328405	22215772.9	
4329121	SANYO Electric Co., Ltd.	15/06/2020	4329121	23218506.6	
4329186	Nanjing Chervon Industry Co., Ltd.	29/06/2023	4329186	23182270.1	
4330139	I.M.A. Industria Macchine Automatiche S.p.A.	28/04/2022	4330139	22728303.3	
4330935	Shanghai United Imaging Healthcare Co., Ltd.	28/12/2022	4330935	22914970.3	
4331433	Colebrook Bosson & Saunders (Products) Limited	31/08/2023	4331433	23194453.9	
4331531	Imageworks Inc.	24/08/2023	4331531	23193221.1	
4331708	Oxus America, Inc.	24/08/2023	4331708	23193328.4	
4331846	Konica Minolta, Inc.	17/08/2023	4331846	23191845.9	
4331853	Seiko Instruments Inc.	01/09/2023	4331853	23194974.4	
4332214	M. S. BIOTECH CO., LTD Kang, Ji Hee Atogen Co., Ltd.	14/04/2022	4332214	22796012.7	
4332482	Ludwig Bohrer Maschinenbau GmbH	19/06/2019	4332482	24152591.4	German
4332489	Daikin Industries, Ltd.	28/04/2022	4332489	22795897.2	
4332520	Anritsu Corporation	24/08/2023	4332520	23193296.3	
4333295	INTEL Corporation	12/07/2023	4333295	23184905.0	
4333634	Perfetti Van Melle S.p.A.	04/05/2022	4333634	22726513.9	
4334006	Universal City Studios LLC	03/05/2022	4334006	22724589.1	
4334242	thyssenkrupp Uhde GmbH thyssenkrupp AG	22/09/2022	4334242	22797282.5	German
4334905	emotion3D GmbH	26/04/2022	4334905	22719773.8	German
4335001	VIASAT INC.	10/06/2022	4335001	22736444.5	
4335532	Filtration Group GmbH	06/09/2023	4335532	23195778.8	German
4337474	Unilin, BV	09/05/2022	4337474	22724261.7	
4337600	Air Products and Chemicals, Inc.	18/06/2021	4337600	21745866.0	
4338046	Microsoft Technology Licensing, LLC	25/04/2022	4338046	22723298.0	
4338182	PHOENIX CONTACT GmbH & Co. KG	10/05/2022	4338182	22728484.1	German
4338957	Imab Group S.p.A.	24/08/2023	4338957	23193243.5	
4339052	Innova Patent GmbH	14/09/2023	4339052	23197460.1	German
4339255	Zhejiang Jinko Solar Co., Ltd. JINKO SOLAR CO., LTD	16/03/2023	4339255	23162450.3	
4339391	CWL Patent AB	01/06/2023	4339391	23176581.9	
4339792	Samsung Electronics Co., Ltd.	19/09/2023	4339792	23198288.5	
4339920	Olsbergs Electronics AB	15/09/2023	4339920	23197719.0	
4340205	Huawei Digital Power Technologies Co., Ltd.	04/06/2021	4340205	21943586.4	
4340435	Zhuhai Pantum Electronics Co., Ltd.	13/09/2023	4340435	23197044.3	
4341130	Stellantis Auto SAS	25/03/2022	4341130	22716256.7	German
4341189	Panotec SRL	19/05/2022	4341189	22731312.9	

4341520	INVENTIO AG	04/05/2022	4341520	22727302.6	German
4342701	Volvo Truck Corporation	20/09/2022	4342701	22196708.6	
4342725	DAF Trucks N.V.	19/09/2023	4342725	23198361.0	
4342838	Zhejiang Dingli Machinery Co., LTD.	03/02/2023	4342838	23154978.3	
4343123	Purem GmbH	22/08/2023	4343123	23192539.7	German
4343173	Zhejiang Dingli Machinery Co., LTD.	11/01/2023	4343173	23151177.5	
4343287	Centre National de la Recherche Scientifique (CNRS) Renault s.a.s Université de Technologie de Compiègne	31/08/2023	4343287	23194595.7	French
4343475	Hitachi, Ltd.	22/09/2022	4343475	22197076.7	
4343556	Tata Consultancy Services Limited	16/08/2023	4343556	23191682.6	
4343927	Hithium Tech HK Limited	23/12/2022	4343927	22940939.6	
4344010	Huawei Digital Power Technologies Co., Ltd.	30/06/2021	4344010	21947533.2	
4344020	Samsung Electronics Co., Ltd.	24/11/2022	4344020	22899067.7	
4344180	Honor Device Co., Ltd.	26/04/2023	4344180	23789858.0	
4344314	InterDigital Patent Holdings, Inc.	07/05/2018	4344314	23209380.7	
4344394	Kioxia Corporation	28/06/2023	4344394	23181988.9	
4344642	Siemens Healthineers AG	14/09/2023	4344642	23197309.0	
4344905	Continental Reifen Deutschland GmbH	16/08/2023	4344905	23191573.7	German
4344956	Stellantis Auto SAS	13/09/2023	4344956	23197198.7	
4345245	Akademia Gorniczo-Hutnicza im. Stanislawia Staszica w Krakowie	12/12/2022	4345245	22212864.7	
4345310	LG Electronics Inc.	28/06/2023	4345310	23181943.4	
4345311	LG Electronics Inc.	20/06/2023	4345311	23180430.3	
4345420	Honeywell International Inc.	08/09/2023	4345420	23196188.9	
4345700	Schneider Electric (Australia) Pty Ltd.	17/08/2023	4345700	23191935.8	
4345775	Euroimmun Medizinische Labordiagnostika AG	30/09/2022	4345775	22199236.5	German
4346559	MEDIDESIGN LIMITED	01/06/2022	4346559	22733322.6	
4346649	Aesculap AG	23/05/2022	4346649	22731506.6	German
4346661	CAPS MEDICAL LTD.	03/06/2022	4346661	22735626.8	
4346709	Rokitansky, Alexander	01/06/2022	4346709	22728336.3	German
4347003	BIOTRONIK SE & Co. KG	09/05/2022	4347003	22726770.5	
4347099	Revvity Health Sciences, Inc.	01/06/2022	4347099	22732843.2	
4347204	IML Instrumenta Mechanik Labor GmbH	02/06/2022	4347204	22733327.5	German
4347290	DAF Trucks N.V.	01/06/2022	4347290	22728311.6	
4347468	KONE Corporation	02/06/2021	4347468	21729896.7	
4347768	Reckitt Benckiser Finish B.V.	30/05/2022	4347768	22731545.4	
4347971	Bergene Holm AS	31/05/2022	4347971	22731183.4	
4347977	Strasser, Philipp	02/06/2022	4347977	22733554.4	German
4348149	Alfa Laval Corporate AB	13/05/2022	4348149	22728897.4	
4348411	Apple Inc.	03/06/2022	4348411	22736100.3	
4348828	Telefonaktiebolaget LM Ericsson (publ)	03/06/2021	4348828	21731103.4	
4349008	QUALCOMM INCORPORATED	20/05/2022	4349008	22731455.6	
4349078	QUALCOMM INCORPORATED	26/05/2022	4349078	22732808.5	
4349547	Shenzhen Yuejiang Technology Co., Ltd.	04/01/2023	4349547	23150324.4	
4349672	Shenzhen Yinwang Intelligent Technologies Co., Ltd.	30/06/2021	4349672	21947620.7	
4350061	Asahi Kasei Kabushiki Kaisha	30/05/2022	4350061	22816058.6	
4350233	Açelik Anonim Sirketi	28/09/2023	4350233	23200464.8	
4350266	Refrion S.r.l.	04/10/2023	4350266	23201645.1	
4350747	Google LLC	30/08/2023	4350747	23194330.9	
4351078	Huawei Technologies Co., Ltd.	22/06/2021	4351078	21946333.8	
4351152	Petal Cloud Technology Co., Ltd.	28/11/2019	4351152	23205525.1	
4351323	Jakob Maier Und Wilfried Hatzack Erfinder Gbr	09/06/2022	4351323	22732236.9	German
4351353	Campbell, M.E., B.E., Farida Hanna	07/06/2022	4351353	22731700.5	
4351472	Exocad GmbH	07/06/2022	4351472	22733343.2	
4351709	Koninklijke Philips N.V.	09/06/2022	4351709	22731713.8	
4351813	Primetals Technologies Austria GmbH	27/04/2022	4351813	22726029.6	German

4351901	Magna PT B.V. & Co. KG	13/05/2022	4351901	22729162.2	German
4351989	Softbox Systems Limited	10/06/2022	4351989	22734114.6	
4352066	ICL AMERICA DO SUL S.A.	10/06/2022	4352066	22757197.3	
4352305	Stellantis Auto SAS	03/05/2022	4352305	22727962.7	French
4352372	Bauerfeind AG	01/06/2022	4352372	22731216.2	German
4352390	Cavagna Group S.p.A.	07/06/2022	4352390	22735983.3	
4352411	Lucifer Lighting Company	13/06/2022	4352411	22758287.1	
4352412	Signify Holding B.V.	02/06/2022	4352412	22734217.7	
4352463	ABB SCHWEIZ AG	10/06/2022	4352463	22743974.2	
4352940	Telefonaktiebolaget LM Ericsson (publ)	08/06/2021	4352940	21732220.5	
4353091	Nicoventures Trading Limited	31/10/2019	4353091	24152849.6	
4353281	Retractable Technologies, Inc.	25/09/2019	4353281	24159836.6	
	Shaw, Thomas J.				
4353339	Nike Innovate C.V.	17/01/2020	4353339	24161193.8	
4353480	Bodenmüller Hörburger Schrott Antriebstechnik GmbH & Co. KG	22/08/2023	4353480	23192712.0	German
4353776	LG Chem, Ltd.	24/04/2023	4353776	23796725.2	
4353906	BOMAG GmbH	10/10/2023	4353906	23202721.9	German
4353996	NEW KAILUNG GEAR CO., LTD.	13/10/2022	4353996	22201288.2	
4353997	Freudenberg-NOK General Partnership	29/03/2023	4353997	23165078.9	
4354052	Zhejiang Geely Holding Group Co., Ltd. Zhejiang Liankong Technologies Co., Ltd	20/06/2022	4354052	22874304.3	
4354305	Huawei Technologies Co., Ltd.	08/06/2022	4354305	22824103.0	
4354767	ZTE Corporation	14/06/2022	4354767	22831683.2	
4354843	Zhuhai Pantum Electronics Co., Ltd.	27/09/2023	4354843	23199928.5	
4354900	Beijing Honor Device Co., Ltd.	01/09/2022	4354900	22885410.5	
4355386	Theras Lifetech S.r.l.	14/06/2022	4355386	22735611.0	
4355450	Koch-Glitsch, LP	16/06/2022	4355450	22741371.3	
4355507	Primetals Technologies Germany GmbH	09/06/2022	4355507	22733033.9	German
4355542	Safran Ceramics	06/06/2022	4355542	22735541.9	French
4355543	SAFRAN AIRCRAFT ENGINES	07/06/2022	4355543	22735546.8	French
4355552	Subsea 7 Limited	17/06/2022	4355552	22737944.3	
4355636	BNSF Railway Company	09/06/2022	4355636	22738144.9	
4355678	KONE Corporation	17/06/2021	4355678	21734795.4	
4355706	Scheuch Management Holding GmbH	14/06/2022	4355706	22741687.2	German
4355974	Nice S.p.A.	12/06/2022	4355974	22737659.7	
4356031	ATLAS COPCO AIRPOWER, naamloze vennootschap	03/06/2022	4356031	22731671.8	
4356052	Linde GmbH	17/05/2022	4356052	22729038.4	German
4356178	poLight ASA	14/06/2022	4356178	22733100.6	
4356441	Fundació Institut de Recerca en Energia de Catalunya Institució Catalana de Recerca i Estudis Avançats	17/06/2022	4356441	22737769.4	
4356533	Telefonaktiebolaget LM Ericsson (publ)	15/06/2021	4356533	21734509.9	
4356546	Oledcomm	14/06/2022	4356546	22732670.9	French
4356555	Telefonaktiebolaget LM Ericsson (publ)	14/06/2021	4356555	21735432.3	
4356561	Continental Automotive Technologies GmbH	03/06/2022	4356561	22734224.3	
4356687	MAS Innovation (Private) Limited	10/06/2022	4356687	22803087.0	
4356872	Ferton Holding S.A.	21/10/2022	4356872	22203107.2	
4357100	LG Energy Solution, Ltd.	24/08/2022	4357100	22861711.4	
4357187	DENSO CORPORATION	18/05/2022	4357187	22824732.6	
4357402	Lg Chem, Ltd.	16/05/2023	4357402	23807882.8	
4357726	Dyno Nobel Inc.	29/01/2019	4357726	23206187.9	
4358028	Honor Device Co., Ltd.	08/06/2022	4358028	22859996.5	
4358091	Alcon Inc.	20/01/2017	4358091	24161853.7	
4358162	ZHEJIANG JINKO SOLAR CO., LTD. JINKO SOLAR CO., LTD	27/06/2022	4358162	24162253.9	
4358633	Huawei Technologies Co., Ltd.	14/08/2020	4358633	23205730.7	
4358667	Huawei Digital Power Technologies Co., Ltd.	23/10/2023	4358667	23205148.2	

4358814	BSH Hausgeräte GmbH	14/06/2022	4358814	22733091.7	German
4358827	Matrix	22/06/2022	4358827	22744498.1	French
4359076	SynAct Pharma ApS	21/06/2022	4359076	22737436.0	
4359095	Thaler, Hermann	20/06/2022	4359095	22738530.9	German
4359166	AGCO International GmbH	01/06/2022	4359166	22730983.8	
4359225	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	16/06/2022	4359225	22744243.1	French
4359240	Ampere SAS	22/06/2022	4359240	22730944.0	French
4359262	Renault s.a.s	20/06/2022	4359262	22733660.9	French
4359353	Kemira OYJ	20/06/2022	4359353	22737645.6	
4359476	SABIC Global Technologies B.V.	16/06/2022	4359476	22735141.8	
4359478	PRC-Desoto International, Inc.	24/06/2022	4359478	22747472.3	
4359596	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	23/06/2022	4359596	22743526.0	French
4359598	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	23/06/2022	4359598	22743528.6	French
4359650	SAFRAN AIRCRAFT ENGINES	20/06/2022	4359650	22741351.5	French
4360603	Zuiko Corporation	17/06/2022	4360603	22858157.5	
4360850	RTX Corporation	20/10/2023	4360850	23205026.0	
4361283	10X Genomics, Inc.	18/12/2020	4361283	24150658.3	
4361451	Nabtesco Corporation	14/09/2023	4361451	23197310.8	
4361591	Cytoaurora Biotechnologies, Inc.	14/04/2023	4361591	23168000.0	
4361705	FUJIFILM Corporation	26/05/2022	4361705	22828141.6	
4361707	Miya Global Technology Co., Private Limited	02/05/2023	4361707	23170988.2	
4361733	CANON KABUSHIKI KAISHA	25/10/2023	4361733	23205805.7	
4361854	Sony Group Corporation	21/01/2022	4361854	22827888.3	
4361934	Feedzai - Consultadoria e Inovação Tecnológica, S.A.	11/02/2021	4361934	24164312.1	
4362053	SCHNEIDER ELECTRIC INDUSTRIES SAS	21/09/2023	4362053	23306565.5	
4362285	Huawei Digital Power Technologies Co., Ltd.	23/10/2023	4362285	23205151.6	
4362325	Shanghai Jinko Green Energy Enterprise Management Co., Ltd. Zhejiang Jinko Solar Co., Ltd.	30/11/2022	4362325	22210452.3	
4362648	Oki Electric Industry Co., Ltd.	11/08/2023	4362648	23190998.7	
4362650	Commissariat à l'Energie Atomique et aux Energies Alternatives Centre national de la recherche scientifique Université Grenoble Alpes Institut Polytechnique de Grenoble	31/10/2022	4362650	22204790.4	
4362659	Value Group B.V.	21/06/2022	4362659	22734068.4	
4363131	Constellium Isoire	28/06/2022	4363131	22744806.5	French
4363142	Latecoere	15/06/2022	4363142	22734281.3	French
4363207	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	22/06/2022	4363207	22744799.2	French
4363234	S.E.M. Servizi Editoriali Milano S.P.A.	27/06/2022	4363234	22738617.4	
4363299	L'Idée Moteur	10/06/2022	4363299	22730621.4	French
4363310	Latecoere	16/06/2022	4363310	22733444.8	French
4363314	Tusas- Turk Havacilik Ve Uzay Sanayii Anonim Sirketi	21/06/2022	4363314	22833815.8	
4363319	Safran Nacelles	27/06/2022	4363319	22744288.6	French
4363515	TESA SE	27/06/2022	4363515	22738614.1	German
4363610	Gen-Probe Incorporated	29/06/2022	4363610	22747213.1	
4363614	The Broad Institute, Inc. Massachusetts Institute of Technology	28/06/2022	4363614	22748129.8	
4363697	SAFRAN	23/06/2022	4363697	22744271.2	French
4363705	Safran Power Units	30/06/2022	4363705	22750853.8	French
4363730	Signify Holding B.V.	21/06/2022	4363730	22737810.6	
4363743	Sew-Eurodrive GmbH & Co. KG	01/06/2022	4363743	22727208.5	German

4363814	Centre Scientifique et Technique du Batiment	20/06/2022	4363814	22738737.0	French
4364053	IQM Finland Oy	28/06/2021	4364053	21739412.1	
4364176	Philip Morris Products, S.A.	27/06/2022	4364176	22740348.2	
4364249	Amphenol-Tuchel Electronics GmbH	29/06/2022	4364249	22743756.3	German
4364262	H2i GreenHydrogen GmbH	29/06/2022	4364262	22737711.6	German
4364337	Nokia Technologies Oy	28/06/2021	4364337	21737605.2	
4364401	GENTEX CORPORATION	27/06/2022	4364401	22833992.5	
4364678	Globus Medical, Inc.	26/10/2023	4364678	23206169.7	
4364982	VOLVO TRUCK CORPORATION	03/11/2022	4364982	22205402.5	
4365496	Qingdao Genjoy Home Fashion Co., Ltd. QStoves Inc	06/11/2023	4365496	23207834.5	
4365779	Helsing GmbH	04/11/2022	4365779	22205446.2	
4366803	Astrazeneca AB	27/06/2022	4366803	22740804.4	
4367084	Safran Ceramics	30/06/2022	4367084	22750851.2	French
	UNIVERSITE DE BORDEAUX				
	Centre National de la Recherche Scientifique				
4367152	BASF SE	29/06/2022	4367152	22738640.6	
4367381	Robert Bosch GmbH	01/06/2022	4367381	22731211.3	German
4367403	Robert Bosch GmbH	07/06/2022	4367403	22733338.2	German
4367439	Valmet Technologies Oy	29/06/2022	4367439	22735461.0	
4368094	Arçelik Anonim Sirketi	31/10/2023	4368094	23207204.1	
4368308	Primetals Technologies Austria GmbH	10/11/2022	4368308	22206541.9	German
4368416	Continental Reifen Deutschland GmbH	26/10/2023	4368416	23206076.4	German
4368762	Miele & Cie. KG	16/10/2023	4368762	23203682.2	German
4368808	COUTIER INDUSTRIE	10/10/2023	4368808	23202836.5	French
4369001	The Boeing Company	29/09/2023	4369001	23200838.3	
4369062	Essilor International	14/11/2022	4369062	22315287.7	
	Corporation de L'Ecole Polytechnique de Montreal				
4369839	Wilus Institute of Standards and Technology Inc.	26/12/2016	4369839	24167276.5	
	SK Telecom Co., Ltd.				
4370386	Mercedes-Benz Group AG	08/06/2022	4370386	22733353.1	German
4370403	Schaeffler Technologies AG & Co. KG	08/06/2022	4370403	22735296.0	German
4370604	BASF SE	28/06/2022	4370604	22738461.7	
4370605	BASF SE	28/06/2022	4370605	22738462.5	
4370761	"Wala" Spółka z ograniczona odpowiedzialnoscia	27/05/2022	4370761	22741019.8	
4370857	Weilharter, René	30/06/2022	4370857	22737713.2	German
4370941	Robert Bosch GmbH	27/06/2022	4370941	22735431.3	German
4371225	Signify Holding B.V.	27/06/2022	4371225	22741186.5	
4371956	Holcim Technology Ltd	15/11/2022	4371956	22020557.9	German
4372229	Daikin Industries, Ltd.	17/06/2022	4372229	22860945.9	
4372442	Alcon Inc.	30/10/2018	4372442	24167662.6	
4372672	Varjo Technologies Oy	31/10/2023	4372672	23206917.9	
4372706	Seal Network B.V.	02/03/2020	4372706	23212374.5	
4372917	NKT HV Cables AB	20/11/2023	4372917	23211004.9	
4373090	LG Electronics Inc.	14/06/2012	4373090	24160172.3	
4374356	Schaeffler Technologies AG & Co. KG	22/06/2022	4374356	22743729.0	German
4374416	PARIS SCIENCES ET LETTRES	28/06/2022	4374416	22744803.2	French
	Ecole Nationale Supérieure de Chimie de Paris				
	Centre National de la Recherche Scientifique				
4374752	Miele & Cie. KG	31/10/2023	4374752	23207073.0	German
4375207	Weber Verpackungen GmbH & Co. KG	25/10/2023	4375207	23205781.0	German
4375453	Fugen Franz GmbH	12/09/2023	4375453	23196791.0	German
4375686	Samsung SDI Co., Ltd.	22/11/2023	4375686	23211402.5	
4375986	MuseScore Limited	16/11/2023	4375986	23210381.2	
4375994	Huawei Technologies Co., Ltd.	01/03/2018	4375994	24152513.8	

4377164	VALEO SYSTEMES D'ESSUYAGE	11/07/2022	4377164	22738502.8	French
4377213	Société des Produits Nestlé S.A.	30/07/2022	4377213	22758219.4	
4377515	DOW GLOBAL TECHNOLOGIES LLC	21/06/2022	4377515	22741661.7	
4377516	Rohm and Haas Company	21/06/2022	4377516	22741934.8	
	Rohm and Haas Company				
	Dow Global Technologies LLC				
4377586	Öhlins Racing AB	21/07/2022	4377586	22744768.7	
4378418	Exocad GmbH	25/03/2021	4378418	24164448.3	
4378757	Suer Nutzfahrtechnik GmbH & Co. KG	28/11/2023	4378757	23212545.0	
4379139	SECMAIR	02/12/2022	4379139	22306779.4	French
4379576	Airbus SAS	27/11/2023	4379576	23212208.5	French
	Airbus Operations GmbH				
	Staffpad Limited				
4379708	Staffpad Limited	26/10/2023	4379708	23206233.1	
4379709	Staffpad Limited	26/10/2023	4379709	23206253.9	
4380053	NXP USA, Inc.	30/11/2022	4380053	22210527.2	
4380344	Katholieke Universiteit Leuven	30/11/2022	4380344	22210459.8	
	Imec VZW				
	SMS group GmbH				
4380736	SMS group GmbH	15/06/2022	4380736	22735373.7	German
4380783	Peridot Print LLC	29/10/2021	4380783	21962727.0	
4380813	Robert Bosch GmbH	14/06/2022	4380813	22734259.9	
4381023	Clariant International Ltd	27/06/2022	4381023	22738434.4	
4381210	Franklin Valve LP	11/10/2023	4381210	23858443.7	
4381214	Magma Global Limited	21/07/2022	4381214	22764829.2	
4381215	Magma Global Limited	21/07/2022	4381215	22764832.6	
4381405	Morphisec Information Security 2014 Ltd	15/08/2022	4381405	22764878.9	
4381931	CNH Industrial America LLC	05/12/2023	4381931	23214372.7	
4381983	Reebok International Limited	01/12/2023	4381983	23213756.2	
4382063	Tabuse, Katsuyoshi	08/06/2022	4382063	22851009.5	
	Nikkiso Co., Ltd.				
	Dissing A/S				
4382694	Dissing A/S	10/11/2017	4382694	24172927.6	
4383058	Samsung Electronics Co., Ltd.	02/10/2023	4383058	23201314.4	
4383078	SAP SE	09/11/2023	4383078	23208732.0	
4383711	Auchmann, Matthias	05/12/2022	4383711	22020595.9	
4384300	BRITA SE	28/07/2022	4384300	22757581.8	
4384540	Klisbio S.r.l.	04/08/2022	4384540	22760952.6	
4385424	Van Hyfte, Luc	13/11/2023	4385424	23209491.2	
4385775	TOYOTA JIDOSHA KABUSHIKI	17/10/2023	4385775	23204026.1	
	KAISHA				
4385820	Hyundai Mobis Co., Ltd.	03/04/2023	4385820	23166401.2	
4386124	Miele & Cie. KG	27/11/2023	4386124	23212274.7	
4386660	Korea University Research and Business Foundation	21/09/2023	4386660	23198925.2	
4387574	Alcon Inc.	19/07/2022	4387574	22751455.1	
4387803	KUKA Deutschland GmbH	09/08/2022	4387803	22765032.2	
4387891	NORAERO AS	17/08/2022	4387891	22765844.0	
4387892	BOZKURT, Hüseyin	16/08/2022	4387892	22765122.1	German
4388147	Commissariat à l'Energie Atomique et aux Energies Alternatives	27/09/2022	4388147	22793194.6	French
4388569	Somfy Activites SA	03/08/2022	4388569	22758574.2	French
4389236	ArianeGroup SAS	12/12/2023	4389236	23215782.6	French
4389309	Commissariat à l'Energie Atomique et aux Energies Alternatives	18/12/2023	4389309	23217465.6	French
4389549	Nio Technology (Anhui) Co., Ltd	21/12/2023	4389549	23219561.0	
4389626	The Procter & Gamble Company	19/12/2023	4389626	23217853.3	
4389632	Emballator Växjö AB	18/12/2023	4389632	23217686.7	
4389958	Arçelik Anonim Sirketi	31/10/2023	4389958	23207218.1	
4390496	HypView	20/12/2022	4390496	22315339.6	
4391223	Eagle Technology, LLC	09/11/2023	4391223	23208721.3	
4391369	CSEM Centre Suisse d'Electronique et de Microtechnique SA - Recherche et Développement	19/12/2023	4391369	23217934.1	
	ASUS Technology Licensing Inc.				
4391430	ASUS Technology Licensing Inc.	12/12/2023	4391430	23215743.8	

4391497	MITSUBISHI ELECTRIC CORPORATION	19/12/2022	4391497	22306945.1	
4392652	Fuel Active Limited	19/08/2022	4392652	22768896.7	
4393533	ResMed Pty Ltd	28/03/2019	4393533	24171783.4	
4393716	Seiko Epson Corporation	22/12/2023	4393716	23219659.2	
4393760	Huawei Digital Power Technologies Co., Ltd.	27/12/2023	4393760	23220342.2	
4394071	NIPPON STEEL CORPORATION	27/08/2021	4394071	21955078.7	
4394107	Arçelik Anonim Sirketi	29/11/2023	4394107	23213022.9	
4394259	Arçelik Anonim Sirketi	29/11/2023	4394259	23213004.7	
4394305	Zhuhai Mefo Optical Instruments Co., Ltd.	28/04/2023	4394305	23806721.9	
4394620	Chengdu Jouav Automation Tech Co., Ltd.	19/09/2022	4394620	22874687.1	
4395458	Arçelik Anonim Sirketi	29/11/2023	4395458	23212974.2	
4395464	Foshan Electrical and Lighting Co., Ltd	30/12/2021	4395464	21961274.4	
4395614	SEB S.A.	02/09/2022	4395614	22785761.2	French
4395690	Global D Beziat, Jean-Luc Chapotat, Bernard Schneck, Eric	29/08/2022	4395690	22769684.6	French
4395695	Exocad GmbH	31/08/2022	4395695	22773127.0	
4395942	Alfred Kärcher SE & Co. KG	23/08/2022	4395942	22768770.4	German
4396248	Covestro Deutschland AG	26/08/2022	4396248	22769243.1	
4396292	BASF Coatings GmbH	30/08/2022	4396292	22772480.4	
4396528	Commissariat à l'Energie Atomique et aux Energies Alternatives	19/08/2022	4396528	22765903.4	French
4396572	Commissariat à l'Energie Atomique et aux Energies Alternatives	30/08/2022	4396572	22768854.6	French
4396608	Exail Robotics	31/08/2022	4396608	22773752.5	French
4396901	ArianeGroup SAS Centre National de la Recherche Scientifique Université de Rennes 1	29/08/2022	4396901	22773283.1	French
4396934	Prodrive Technologies Innovation Services B.V.	01/09/2022	4396934	22776877.7	
4396997	SICPA HOLDING SA	31/08/2022	4396997	22773419.1	
4397515	Volvo Construction Equipment AB	09/01/2023	4397515	23150728.6	
4397589	The Boeing Company	28/11/2023	4397589	23212497.4	
4397836	BHG	18/12/2023	4397836	23217601.6	French
4397956	Samsung Electronics Co., Ltd.	26/06/2023	4397956	23181457.5	
4398775	Delica AG	23/08/2022	4398775	22768736.5	German
4399025	Fairbrics	09/09/2022	4399025	22785938.6	French
4399102	Pirelli Tyre S.p.A.	08/09/2022	4399102	22777200.1	
4399371	Geberit International AG	26/01/2022	4399371	22701643.3	German
4399373	ALCER	08/09/2022	4399373	22773710.3	French
4399850	Nano Corp.	07/09/2022	4399850	22773523.0	French
4399996	Braun GmbH	12/01/2023	4399996	23151425.8	
4400001	Zhejiang Jiechang Linear Motion Technology Co., Ltd	04/01/2023	4400001	23737039.0	
4400465	Otis Elevator Company	08/01/2024	4400465	24150654.2	
4400469	Manitowoc Crane Group France	02/01/2024	4400469	24150048.7	French
4400750	Rolls-Royce plc	11/12/2023	4400750	23215586.1	
4400883	GlobalFoundries U.S. Inc.	24/10/2023	4400883	23205378.5	
4401583	JT International S.A.	16/09/2022	4401583	22790269.9	
4401808	CareFusion 303, Inc.	13/09/2022	4401808	22785858.6	
4402326	Ingenieurbüro Stengel GmbH	14/09/2022	4402326	22789515.8	German
4402383	fischerwerke GmbH & Co. KG	01/09/2022	4402383	22772492.9	German
4402459	Abberior Instruments GmbH	12/09/2022	4402459	22782706.0	
4402497	Koninklijke Philips N.V.	07/09/2022	4402497	22772991.0	
4402610	BAE SYSTEMS plc	15/09/2022	4402610	22773771.5	
4402766	Eaton Intelligent Power Limited	08/09/2022	4402766	22776865.2	

4403016	CNH Industrial (Harbin) Machinery Co., Ltd.	18/01/2024	4403016	24152714.2	
	CNH Industrial America LLC				
4403065	Autoliv Development AB	18/01/2023	4403065	23152254.1	
4403073	Yang, Kwan-Sik	13/10/2022	4403073	22883872.8	
4403447	Yamaha Hatsudoki Kabushiki Kaisha	12/12/2023	4403447	23215789.1	
4403796	Volvo Car Corporation	20/01/2023	4403796	23152621.1	
4403861	Jiangsu Botao Intelligent Thermal Engineering Co., Ltd	01/09/2023	4403861	23786168.7	
4404791	Draghi, Claude Bruno	09/09/2022	4404791	22783534.5	French
4404867	BEGO Implant Systems GmbH & Co. KG	19/09/2022	4404867	22777230.8	German
4404916	JADRAN - GALENSKI LABORATORIJ d.d.	16/09/2022	4404916	22790469.5	
4405234	Stellantis Auto SAS	31/08/2022	4405234	22773754.1	French
4405303	BASF SE	12/09/2022	4405303	22789477.1	
4405409	Bostik SA	19/09/2022	4405409	22793459.3	
4405569	SAFRAN AIRCRAFT ENGINES	21/09/2022	4405569	22789280.9	French
4406370	Zumtobel Lighting GmbH Thorn Lighting Limited	07/11/2022	4406370	22813264.3	German
4406403	Wübker, Tobias	25/01/2024	4406403	24154016.0	German
4406524	KaVo Dental GmbH	25/01/2024	4406524	24153852.9	German
4406756	NTN Europe	10/01/2024	4406756	24151178.1	French
4407124	Cogelec	14/12/2023	4407124	23216924.3	French
4407236	BSH Hausgeräte GmbH	09/01/2024	4407236	24151001.5	
4407377	KONICA MINOLTA, INC.	17/01/2024	4407377	24152363.8	
4407920	NEC Corporation	30/06/2016	4407920	24182784.9	
4407961	Vivo Mobile Communication Co., Ltd.	21/09/2022	4407961	22872011.6	
4408180	Unilever IP Holdings B.V.	29/09/2022	4408180	22789238.7	
4408555	Raw Tex International Establishment	05/09/2022	4408555	22776893.4	German
4408678	Sport Components AG	18/09/2022	4408678	22777975.8	German
4408704	Stellantis Auto SAS	05/09/2022	4408704	22783533.7	French
4409075	Caterpillar SARL	22/09/2022	4409075	22797657.8	
4409149	igus GmbH	23/09/2022	4409149	22790314.3	German
4409306	Faraday Defense Corporation	22/09/2022	4409306	22790168.3	
4409517	Subsea 7 Limited	30/09/2022	4409517	22798179.2	
4409693	HARTING Electric Stiftung & Co. KG	16/09/2022	4409693	22801977.4	German
4410086	CNH Industrial America LLC CNH Industrial Belgium N.V.	01/02/2024	4410086	24155389.0	
4410358	BIOTRONIK SE & Co. KG	03/02/2023	4410358	23154859.5	
4410401	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	08/01/2024	4410401	24150740.9	French
4411088	Easy Technic SA	06/02/2023	4411088	23155051.8	
4411367	General Electric Technology GmbH	12/01/2024	4411367	24151568.3	
4412498	De' Longhi Appliances S.r.l.	14/11/2022	4412498	22817917.2	
4412612	Institute of Cancer Research	06/10/2022	4412612	22826188.9	
4412902	Bitland Olszewski, Tymoteusz Zakrzewski, Tomasz	04/10/2022	4412902	22803393.2	
4413009	Dow Global Technologies LLC Dow Silicones Corporation	06/10/2022	4413009	22800522.9	
4413143	ETH Zurich	07/10/2022	4413143	22801757.0	
4413192	SANTONI S.p.A.	30/09/2022	4413192	22786509.4	
4413228	Herrenknecht AG	03/10/2022	4413228	22808968.6	German
4413793	ORANGE	23/09/2022	4413793	22793191.2	French
4414239	Siemens Mobility GmbH	30/01/2024	4414239	24154656.3	German
4414284	Pretium Packaging, LLC	17/06/2022	4414284	24178404.0	
4414525	Gatemaster Ltd	06/02/2024	4414525	24155913.7	
4414530	Sandvik Mining and Construction Oy	10/02/2023	4414530	23156038.4	
4414777	Samsung Display Co., Ltd.	24/01/2024	4414777	24153602.8	
4414814	Apple Inc.	07/02/2024	4414814	24156305.5	
4415891	Herrmann Ultraschalltechnik GmbH & Co. KG	06/10/2022	4415891	22798143.8	German

4416393	EMG Automation GmbH	13/10/2022	4416393	22801155.7	German
4416399	SF Handels- und Besitzgesellschaft mbH	22/09/2022	4416399	22790313.5	German
4416801	HARTING Electric Stiftung & Co. KG	28/09/2022	4416801	22789854.1	German
4418533	Asayag Energy Ltd.	09/02/2024	4418533	24156789.0	
4418708	Samsung Electronics Co., Ltd.	06/09/2022	4418708	22898788.9	
4418958	HELSESENG AS	19/10/2022	4418958	22801583.0	
4419402	Stellantis Auto SAS	15/09/2022	4419402	22789639.6	French
4419789	Wärtsilä Finland Oy	18/10/2021	4419789	21794807.4	
4419933	Giesecke+Devrient Currency Technology GmbH	19/10/2022	4419933	22808956.1	German
4420524	Zhejiang Huakang Pharmaceutical Co., Ltd.	25/06/2023	4420524	23838672.6	
4420999	Illinois Tool Works Inc.	16/02/2024	4420999	24158133.9	
4422820	Bystronic Laser AG	24/10/2022	4422820	22809373.8	
4422898	IVECO S.P.A.	28/10/2022	4422898	22809195.5	
4422904	Stellantis Auto SAS	22/09/2022	4422904	22793190.4	French
4423469	SAFRAN	26/10/2022	4423469	22813659.4	French
4423489	Endress+Hauser Flowtec AG	22/09/2022	4423489	22782519.7	German
4423711	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN	24/10/2022	4423711	22803317.1	French
4425863	Zumtobel Lighting GmbH	03/03/2023	4425863	23159848.3	
4426090	Imec VZW	28/02/2023	4426090	23158995.3	
4426136	Philip Morris Products S.A.	04/11/2022	4426136	22813527.3	
4426578	H55 SA	03/11/2022	4426578	22813715.4	
4426951	NUOVO PIGNONE TECNOLOGIE - S.R.L.	01/11/2022	4426951	22814288.1	
4427010	POLITECHNIKA WARSZAWSKA	16/12/2022	4427010	22859522.9	
4427984	LG Electronics Inc.	15/09/2023	4427984	23197594.7	
4428044	Eagle Technology, LLC	06/02/2024	4428044	24156037.4	
4428097	CPC Corporation, Taiwan	22/05/2023	4428097	23174423.6	
4428511	Inficon GmbH	08/03/2023	4428511	23160673.2	
4429448	MDB Technology Srl	09/11/2022	4429448	22814513.2	
4429515	Koninklijke Philips N.V.	03/11/2022	4429515	22813923.4	
4429607	HKK Bionics GmbH	02/12/2022	4429607	22830418.4	German
4429742	Philip Morris Products S.A.	03/11/2022	4429742	22813944.0	
4430286	NUOVO PIGNONE TECNOLOGIE - S.R.L.	08/11/2022	4430286	22808964.5	
4430287	NUOVO PIGNONE TECNOLOGIE - S.R.L.	04/11/2022	4430287	22814289.9	
4430302	VESTAS WIND SYSTEMS A/S	06/09/2022	4430302	22769560.8	
4430364	Diehl Metering GmbH	02/11/2022	4430364	22800712.6	German
4430618	Bayer Aktiengesellschaft	02/11/2022	4430618	22813495.3	
4430652	Applied Materials Inc; SOITEC	25/10/2022	4430652	22802685.2	French
4430683	Faradion Limited	08/11/2022	4430683	22802240.6	
4432103	INTEL Corporation	21/12/2023	4432103	23219159.3	
4432633	NIO Software Technology (Shanghai) Co., Ltd.	12/03/2024	4432633	24162897.3	
4432793	Panduit Corp.	27/02/2024	4432793	24159823.4	
4432926	Koninklijke Philips N.V.	08/11/2022	4432926	22814333.5	
4433716	Hilti Aktiengesellschaft	08/11/2022	4433716	22814027.3	
4433773	Hach Lange GmbH	14/11/2022	4433773	22817927.1	
4434063	SYNCHROTRON SOLEIL	13/06/2023	4434063	23735594.6	French
4434450	Google LLC	07/03/2024	4434450	24163311.4	
4435313	SICK AG	29/02/2024	4435313	24160435.4	German
4435363	Indel B S.p.A.	23/03/2023	4435363	23163837.0	
4435581	Lemon Inc.	21/03/2024	4435581	24165284.1	
4436163	AUDI AG	13/03/2024	4436163	24163105.0	German
4436353	Farmet A.S.	21/11/2022	4436353	22818187.1	
4436739	Woodward, Inc.	17/02/2023	4436739	23833234.0	
4436747	Elgan-Diamantwerkzeuge GmbH & Co. Kg	17/11/2022	4436747	22818666.4	German
4436948	BASF SE	14/11/2022	4436948	22817916.4	German
4437369	Julius-Maximilians-Universität Würzburg	22/11/2022	4437369	22821457.3	

4437420	SMART AI S.R.L.	18/11/2022	4437420	22822216.2	
4438995	Rheinmetall Landsysteme GmbH	11/03/2024	4438995	24162767.8	German
4439007	Siemens Mobility GmbH	31/03/2023	4439007	23165999.6	German
4440294	MEISSNER AG MODELL- UND WERKZEUGFABRIK	09/11/2022	4440294	22805767.5	German
4440856	RABACONDA OÜ	30/11/2022	4440856	22822225.3	
4441177	Evonik Operations GmbH	01/12/2022	4441177	22829704.0	
4441578	Skyscanner Technology Limited	07/02/2024	4441578	24706176.5	
4441617	ARM Limited	28/04/2022	4441617	22721449.1	
4441873	Sew-Eurodrive GmbH & Co. KG	15/11/2022	4441873	22808966.0	German
4442289	Taizhou Dobiom Medical Devices Co., Ltd.	21/06/2023	4442289	23861975.3	
4443677	OBO Bettermann Hungary Kft.	25/03/2024	4443677	24165734.5	German
4444565	Bayerische Motoren Werke Aktiengesellschaft	28/09/2022	4444565	22789592.7	German
4446244	The Procter & Gamble Company	09/07/2020	4446244	24195439.5	
4447934	Lifesome Therapeutics SL	15/12/2023	4447934	23833091.4	
4450594	SK Innovation Co., Ltd. SK Geo Centric Co., Ltd.	11/03/2024	4450594	24162610.0	
4450692	Dürkopp Adler GmbH	20/02/2024	4450692	24158536.3	German
4451350	Jinko Solar (Haining) Co., Ltd. Zhejiang Jinko Solar Co., Ltd.	07/06/2023	4451350	23178053.7	
4451610	Nanjing SemiDrive Technology Ltd.	04/12/2023	4451610	23213924.6	
4452331	Sapreme Technologies B.V.	20/12/2022	4452331	22830621.3	
4452352	Tekni-Plex, Inc.	16/06/2023	4452352	23739752.6	
4453314	HP3 Real GmbH	19/10/2022	4453314	22793631.7	German
4453991	ASML Netherlands B.V.	21/11/2022	4453991	22818432.1	
4454155	Hughes Network Systems, LLC	23/12/2021	4454155	21851744.9	
4454581	NuVasive Specialized Orthopedics, Inc.	19/04/2024	4454581	24171406.2	
4454768	Vernon	09/04/2024	4454768	24169281.3	French
4455437	Arconic Technologies LLC	24/04/2024	4455437	24172138.0	
4455559	Daikin Europe N.V.	24/04/2023	4455559	23169621.2	
4455968	NCR Corporation	21/12/2023	4455968	23219100.7	
4456993	EVOSPORT AB	25/11/2022	4456993	22817416.5	
4458147	Probodelt S.L.	05/05/2023	4458147	23382417.6	
4460484	HYDROMECHANIQUE ET FROTTEMENT	31/10/2022	4460484	22812698.3	French
4462068	Engel, Heinz-Eckhard, Dr.	04/03/2024	4462068	24161088.0	German
4462533	TOYOTA JIDOSHA KABUSHIKI KAISHA	18/03/2024	4462533	24164042.4	
4463297	Koninklijke Philips N.V.	06/01/2023	4463297	23700464.3	
4463750	Vanderlande Industries B.V.	10/01/2023	4463750	23700367.8	
4464031	Koninklijke Philips N.V.	28/12/2022	4464031	22839856.6	
4465526	ecoworks GmbH	19/05/2023	4465526	23174389.9	German
4469259	Hoffmann Neopac AG	16/08/2023	4469259	23761444.1	German
4471630	Deutsche Telekom AG	02/06/2023	4471630	23176934.0	
4474000	B. Braun Avitum AG	03/06/2024	4474000	24179561.6	German
4474678	Magna Auteca GmbH	06/06/2023	4474678	23177445.6	German
4474703	Zhongshan Junwei Home Appliances Co., Ltd.	18/03/2024	4474703	24164087.9	
4475464	Cumucore Oy	06/06/2023	4475464	23177466.2	
4475485	Mastercard International Incorporated	24/11/2023	4475485	23212120.2	
4475641	Delta Electronics Inc.	06/10/2023	4475641	23202177.4	
4475814	Unilever Global IP Limited	31/01/2023	4475814	23702152.2	
4475962	Unilever Global IP Limited	07/02/2023	4475962	23703445.9	
4476138	FACC AG	10/02/2023	4476138	23705936.5	German
4477827	SOBINCO NV	27/05/2024	4477827	24178225.9	
4480837	Megaflex Schaumstoff GmbH	20/06/2023	4480837	23180449.3	German
4481148	Salto Systems, S.L.	14/02/2023	4481148	23707995.9	
4481596	Tata Consultancy Services Limited	23/05/2024	4481596	24177578.2	
4482617	10X Genomics, Inc.	28/06/2023	4482617	23745007.7	
4482646	HPT Sinergy S.r.l.	20/02/2023	4482646	23711765.0	
4483566	GALGUS GLOBAL, S.R.L.	23/03/2022	4483566	22717769.8	

4483696	Nanjing Chervon Industry Co., Ltd.	16/04/2024	4483696	24170380.0	
4484297	AIRBUS OPERATIONS (S.A.S.)	24/06/2024	4484297	24184037.0	French
4484306	Iceye Oy	29/06/2023	4484306	23382667.6	
4484386	CoorsTek GK	27/06/2024	4484386	24184989.2	
4484897	Dr. Johannes Heidenhain GmbH	26/06/2023	4484897	23181353.6	German
4484905	MULTIPOND Wägetechnik GmbH	25/06/2024	4484905	24184506.4	German
4485621	Hithium Tech HK Limited	07/05/2024	4485621	24174551.2	
4485704	Neutrik AG	27/06/2023	4485704	23181911.1	German
4485853	Beijing Xiaomi Mobile Software Co., Ltd.	02/11/2023	4485853	23207397.3	
4486676	KONE Corporation	02/03/2022	4486676	22709718.5	
4487736	Pampero AG	28/06/2024	4487736	24185402.5	German
4488811	Peninsula Medical Technologies Ltd	03/09/2021	4488811	24213753.7	
4488897	Hitachi, Ltd.	14/06/2024	4488897	24182135.4	
4491477	TOYOTA JIDOSHA KABUSHIKI KAISHA	20/06/2024	4491477	24183318.5	
4492114	Tata Consultancy Services Limited	01/11/2023	4492114	23207240.5	
4493833	NTN Europe	30/05/2023	4493833	23730047.0	French
4495458	NTN Europe	03/05/2024	4495458	24174192.5	French
4498912	CareFusion 303, Inc.	31/03/2023	4498912	23719990.6	
4498922	Koninklijke Philips N.V.	16/03/2023	4498922	23710915.2	
4498975	KaVo Dental GmbH	13/06/2024	4498975	24733889.0	German
4501746	thyssenkrupp Presta Aktiengesellschaft thyssenkrupp AG	26/07/2024	4501746	24191096.7	German
4505027	dormakaba Schweiz AG	20/09/2023	4505027	23776028.5	German
4505151	E Collinson & Co. Ltd.	10/05/2023	4505151	23727043.4	
4506640	Carrier Corporation	07/08/2024	4506640	24193293.8	
4507877	Leonardo S.p.A.	12/04/2023	4507877	23722943.0	
4509460	Hess GmbH	12/08/2024	4509460	24194014.7	German
4509646	Zhejiang Weihuan Machinery Co., Ltd	16/05/2024	4509646	24176162.6	
4509811	SICK AG	26/06/2024	4509811	24184726.8	German
4511236	Memjet Technology Limited	05/04/2023	4511236	23716325.8	
4511629	Safran Aero Boosters	20/04/2023	4511629	23720864.0	French
4513199	Pepperl+Fuchs SE	22/08/2023	4513199	23192659.3	German
4515582	Socomec S.A.	20/06/2023	4515582	23734571.5	French
4516338	Sensile Medical AG	31/08/2023	4516338	23194639.3	
4517139	EagleBurgmann Germany GmbH & Co. KG	12/08/2024	4517139	24194028.7	German
4520404	Shenzhen Yile Dynamic Technology Co., LTD	12/10/2023	4520404	23203120.3	
4521297	Linxens Holding	11/09/2023	4521297	23306509.3	
4522374	HEGLA boraident GmbH & Co. KG	08/05/2024	4522374	24725474.1	German
4524525	SICK AG	12/09/2023	4524525	23196989.0	
4525780	Carl Zeiss Meditec AG	12/05/2023	4525780	23723605.4	German
4526074	Goldschmidt Holding GmbH	31/03/2023	4526074	23718849.5	
4526675	Thermit Welding (GB) Limited				
4526675	Wannenwetsch, Alexander	17/11/2023	4526675	23836341.0	German
4526915	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	15/09/2023	4526915	23768319.8	
4531013	NCR Corporation	21/12/2023	4531013	23219153.6	
4536451	Koninklijke Philips N.V.	18/10/2023	4536451	23787148.8	
4536966	Heaten AS	31/01/2024	4536966	24709532.6	
4537506	British Telecommunications Public Limited Company	05/05/2023	4537506	23723578.3	
4538315	SABIC Global Technologies B.V.	13/10/2023	4538315	23203615.2	
4539699	Koninklijke Philips N.V.	15/06/2023	4539699	23732599.8	
4540794	Versuni Holding B.V.	06/06/2023	4540794	23732420.7	
4541181	ShenZhen YUTO Packaging Technology Co., Ltd.	12/12/2023	4541181	23215998.8	
4541327	XPND TECHNOLOGIES, SL	19/06/2023	4541327	23748557.8	
4546610	Valstybinis Moksliniu Tyrimu Institutas Fiziniu Ir Technologijos Mokslu Centras	23/10/2023	4546610	23205086.4	
4565140	EXACT THERAPEUTICS AS	03/11/2023	4565140	23817846.1	

4569926 Telefonaktiebolaget LM Ericsson (publ) 21/06/2023 4569926 23736489.8

Refused - Section 31(1)

- S20230118 TECHNOLOGY FOR FILTERING AND BLOCKING SOIL ORGANIC MATTER IN SLOPING LANDS PLOUGH LAYER. CHINA UNIVERSITY OF MINING AND TECHNOLOGY; XUZHOU INSTITUTE OF ECOLOGICAL CIVILIZATION CONSTRUCTION
- S20230135 Int. Cl. (2025.01) **G06F 16/00; G06F 17/00; G06Q 50/00**. Real-time Data Treatment Method and System. HEBEI WANGXIN TECHNOLOGY GROUP CO., LTD.
- S20230136 Int. Cl. (2025.01) **G06F 18/00; G06V 10/00**. DECISION-MAKING METHOD AND SYSTEM BASED ON EXTERNAL ENVIRONMENT MULTIMODE INFORMATION PERCEPTION. HEBEI WANGXIN TECHNOLOGY GROUP CO., LTD.
- S20230162 METHOD FOR COMPUTATION OFFLOADING AND RESOURCES ALLOCATION BASED ON DEEP REINFORCEMENT LEARNING. CHANGCHUN INSTITUTE OF TECHNOLOGY
- S20230268 Device for Detecting the Hanging and Carrying of Unmanned Aerial Vehicles. YUNNAN AGRICULTURAL UNIVERSITY
- S20230272 DEVICE FOR MONITORING WETLAND SURFACE HYDROLOGY AND ITS METHOD. BEIJING NORMAL UNIVERSITY
- S20230284 An exhaust device. ZHEJIANG INTERNATIONAL MARITIME COLLEGE; YU KAIYAO
- S20230288 A PC box girder bridge, a strengthening device, and a method for the PC box girder bridge. SHANDONG JIAOTONG UNIVERSITY; CHINA NATIONAL CHEMICAL COMMUNICATIONS CONSTRUCTION GROUP CO., LTD; CHINA NATIONAL CHEMICAL COMMUNICATIONS CONSTRUCTION GROUP THIRD ENGINEERING CO., LTD; SHANDONG LUZHONG HIGHWAY CONSTRUCTION CO., LTD
- S20230290 A corrugated pipe suitable for grouting in pre-stressed pipelines during the winter. SHANDONG JIAOTONG UNIVERSITY; CHINA NATIONAL CHEMICAL COMMUNICATIONS CONSTRUCTION GROUP CO., LTD; CHINA NATIONAL CHEMICAL COMMUNICATIONS CONSTRUCTION GROUP THIRD ENGINEERING CO., LTD
- S20230296 A thermal insulation equipment and method for the winter cantilever construction of concrete box girder bridges. SHANDONG JIAOTONG UNIVERSITY; CHINA NATIONAL CHEMICAL COMMUNICATIONS CONSTRUCTION GROUP CO., LTD; CHINA NATIONAL CHEMICAL COMMUNICATIONS CONSTRUCTION GROUP THIRD ENGINEERING CO., LTD
- S20230314 A non-destructive testing method for the strength of recycled aggregate concrete based on the comprehensive method of ultrasonic rebound. TIANJIN CHENGJIAN UNIVERSITY; CHINA RAILWAY CONSTRUCTION GROUP CO., LTD.
- S20230396 Fully polarized system with low-cost and high-power. INSTITUTE OF ATMOSPHERIC PHYSICS, CHINESE ACADEMY OF SCIENCES; SICHUAN JIULI MICROWAVE CO., LTD.; NANJING NRIET INDUSTRIAL CO., LTD.
- S20230425 OPTIMAL SCHEDULING METHOD AND SYSTEM OF CASCADE RESERVOIR GROUP CONSIDERING BOTH POWER GENERATION AND MINIMUM OUTPUT. WUHAN UNIVERSITY; GUANGXI POWER GRID CO., LTD.

S20230429	A thin-gauge electrical steel and its production method. INNER MONGOLIA UNIVERSITY OF TECHNOLOGY; ZHEJIANG METALLURGICAL RESEARCH INSTITUTE CO., LTD.
S20240033	LONG-TERM MONITORING DEVICE AND METHOD FOR BEARING PERFORMANCE OF STRENGTH COMPOSITE PILES. NANJING TECH UNIVERSITY; CHINA CONSTRUCTION INDUSTRIAL & ENERGY ENGINEERING GROUP CO., LTD.

Patents Expired

85329	Int. Cl. (2025.01) E03B 7/00 . A separator. HYDRO INTERNATIONAL PLC
85341	Int. Cl. (2025.01) E03B 7/00; B01D 21/00; B04C 3/00; B04C 5/00; C02F 1/00; E03F 5/00; E03F 5/14 . A separator. HYDRO INTERNATIONAL PLC
85940	Int. Cl. (2025.01) F24H 1/00; F24H 9/00; F28D 15/00 . A boiler. ALLEY ENTERPRISES UNLIMITED COMPANY
S87091	Int. Cl. (2025.01) G06F 17/00; H04W 12/00 . Gain access to webpage using a PIN (Personal Identification Number) based on a destination mobile/telephone number. IAN RICE; RONAN SKEHILL
1615014	An apparatus for sampling liquid from a pumping circuit and a method for cleaning the apparatus. Etablissements MAGYAR
1617382	A system and method of determining the average time for covering a road section by motor vehicles. Autostrade per L'Italia S.p.A.
1619448	Ventilation apparatus. Biddle B.V.
1621161	Device having connected bifurcated legs to treat abdominal aortic aneurysm. Cardinal Health Switzerland 515 GmbH
1624589	Method and apparatus for radio communications with analog and digital modulation. Selex Communications S.P.A.
1624644	Privileged network routing. EMC Corporation
1626175	Method of avoiding resonance in wind turbines. ABB Schweiz AG
1626275	Method for determining the shelf-life of a packed product. ADM WILD Europe GmbH & Co. KG
1628323	Anode for sputter coating. Viavi Solutions Inc.
1634491	Rotobaler with a variable volume pressing chamber and a device to measure diameter and shape of a round bale. DEERE & COMPANY
1635238	Apparatus for operating a valve. Möhlenhoff Wärmetechnik GmbH
1637471	Crate-like container, especially for the transport and storage of agricultural products. bekuplast Kunststoffverarbeitungs-GmbH

- 1741768 Process for the manufacture of diesel range hydrocarbons. Neste Oil Oyj
- 1745637 CONFERENCE TERMINAL COMPRISING ECHO REDUCTION FOR A VOICE CONFERENCING SYSTEM. Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
- 1757276 Method of producing nano- and microcapsules of spider silk protein. AMSilk GmbH
- 1763363 DIAMINOXIDASE-CONTAINING PHARMACEUTICAL COMPOSITIONS. Stada Arzneimittel AG
- 1764361 CRYSTAL OF 1,2-DIHYDROPYRIDINE COMPOUND AND METHOD FOR PRODUCING SAME. Eisai R&D Management Co., Ltd.
- 1765289 COMPOSITIONS AND METHODS FOR STABILIZING LIPID BASED ADJUVANT FORMULATIONS USING GLYCOLIPIDS. Statens Serum Institut
- 1765533 CLAMPING APPARATUS AND APPARATUS FOR USE IN ERECTING TEMPORARY GUARD RAILS. Safety Maker, Inc.
- 1765859 ANNEXINS, DERIVATIVES THEREOF, AND ANNEXIN-CYS VARIANTS, AS WELL AS THERAPEUTIC AND DIAGNOSTIC USES THEREOF. MosaMedix B.V.
- 1766356 VEHICLE TYRE CHECKING SYSTEM. Wheelright Limited
- 1768527 A METHOD OF LAYING A FLOOR COVERING. !OBAC LIMITED
- 1768700 CONJUGATES COMPRISING GM-CSF AND A POLYMER. Nektar Therapeutics
- 1768898 MOBILE LEADING-EDGE FLAP FOR A MAIN WING OF THE AEROFOILS OF AN AIRCRAFT. Sonaca S.A.
- 1769601 PILOT TONES IN A MULTI-TRANSMIT OFDM SYSTEM USABLE TO CAPTURE TRANSMITTER DIVERSITY BENEFITS. QUALCOMM Incorporated
- 1769679 BACTERICIDAL COMPOSITION FOR AGRICULTURAL OR HORTICULTURAL USE AND METHOD OF CONTROLLING PLANT DISEASE. ISHIHARA SANGYO KAISHA, LTD.
- 1771070 MIXTURES OF ANTHRANILAMIDE INVERTEBRATE PEST CONTROL AGENTS. FMC Corporation; FMC IP Technology GmbH
- 1771128 REDUCED PROFILE AAA DEVICE. Cardinal Health Switzerland 515 GmbH
- 1771129 AAA DEVICE HAVING CONNECTED BIFURCATED LEGS. Cardinal Health Switzerland 515 GmbH
-

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- 1771344 METHOD FOR MAKING MESH CONTAINERS WITH A RAIL
AND MESH CONTAINER FORMED THEREFROM. Design Ideas, Ltd.
- 1771482 HER2 ANTIBODY COMPOSITION. Genentech, Inc.
- 1771729 ENHANCING FLOW CYTOMETRY DISCRIMINATION WITH
GEOMETRIC TRANSFORMATION. Beckman Coulter, Inc.
- 1771730 METHOD AND APPARATUS FOR APPLYING FLUIDS TO A
BIOLOGICAL SAMPLE. Ventana Medical Systems, Inc.
- 1771765 PARAMETRIC TERAHERTZ RADIATION GENERATION WITH
LATERAL BEAM COUPLING. M SQUARED LASERS LIMITED
- 1771969 SYSTEM FOR CENTRALLY PLANNING AND DOCUMENTING
E1/FIBER OPTIC NETWORKS. T-Mobile Deutschland GmbH
- 1772450 METHOD FOR PRODUCING 1,2-DIHYDROPYRIDINE-2-ONE
COMPOUND. Eisai R&D Management Co., Ltd.
- 1773112 AN APPARATUS AND METHOD FOR THE VIRTUAL FENCING
OF AN ANIMAL. Commonwealth Scientific and Industrial Research
Organisation
- 1773187 REAL-TIME MEASUREMENT OF VENTRICULAR STROKE
VOLUME VARIATIONS BY CONTINUOUS ARTERIAL PULSE
CONTOUR ANALYSIS. Edwards Lifesciences Corporation
- 1773249 ABDOMINAL AORTIC ANEURISM (AAA) LOW PROFILE
SUPPORT STRUCTURE. Cardinal Health Switzerland 515 GmbH
- 1773299 TISSUE MATRIX SYSTEM. ISTO Technologies II, LLC
- 1773353 FORMULATIONS FOR PARENTERAL ADMINISTRATION OF
(E)-2,6-DIALKOXYSTRYRYL 4-SUBSTITUTED
BENZYL SULFONES. Onconova Therapeutics, Inc.
- 1773445 VALVE CONNECTOR FOR MEDICAL INFUSION LINES. Industrie
Borla SpA
- 1773472 METHOD FOR DRYING A GAS AND DEVICE THEREFOR.
ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP
- 1773678 PROBE ACTUATED BOTTLE CAP. Blackhawk Molding Co., Inc.
- 1773768 PYRROLE DERIVATIVES AS PHARMACEUTICAL AGENTS.
Exelixis, Inc.
- 1773856 PREPARATION OF ALKYL-SUBSTITUTED 2-DEOXY-2-
FLUORO-D-RIBOFURANOSYL PYRIMIDINES AND PURINES AND
THEIR DERIVATIVES. Gilead Pharmasset LLC
- 1773875 RECOMBINANT SPIDER SILK PROTEINS. Amsilk GmbH
- 1773878 INSULIN-OLIGOMER CONJUGATES, FORMULATIONS AND
USES THEREOF. Biocon Limited
-

- 1773902 REACTIVITY DRIFT AND CATALYST DEGRADATION IN POLYURETHANE FOAM. Foam Supplies, Inc.
- 1774019 LOOK-THROUGH MUTAGENESIS FOR DEVELOPING ALTERED POLYPEPTIDES WITH ENHANCED PROPERTIES. Bioren, Inc.
- 1774284 METHODS AND APPARATUS FOR THE SEPARATION AND QUANTIFICATION OF PARTICLES. Menarini Silicon Biosystems S.p.A.
- 1774324 ELECTROCHEMICAL SENSOR FOR IN-VIVO OR EX-VIVO MEASUREMENTS OF THE CARBON DIOXIDE PARTIAL PRESSURE OF LIVING TISSUE. SensoCure AS
- 1774822 EFFICIENT SIGNALING OVER ACCESS CHANNEL. Qualcomm Incorporated
- 1775275 HIGH-STRENGTH AND HIGHLY ABRASION-RESISTANT SINTERED DIAMOND PRODUCT AND PROCESS FOR PRODUCTION THEREOF. Sumitomo Electric Industries, Ltd.
- 1776048 COLORECTAL CELL SAMPLING DEVICE. ORIGIN SCIENCES LIMITED
- 1776190 PLUG-FLOW REGENERATION PROCESS. IXOM Operations Pty Ltd
- 1776358 SUBSTITUTED PROPENYL PIPERAZINE DERIVATIVES AS NOVEL INHIBITORS OF HISTONE DEACETYLASE. Janssen Pharmaceutica NV
- 1776581 Method for protein detection. ProteinSimple
- 1778101 TISSUE REPAIR DEVICE WITH A BIOABSORBABLE SUPPORT MEMBER. W. L. GORE & ASSOCIATES, INC.
- 1778251 NUCLEOSIDE PHOSPHONATE CONJUGATES AS ANTI HIV AGENTS. GILEAD SCIENCES, INC.
- 1778537 SUPPORT RAIL FOR A BICYCLE SADDLE SHELL. M. D'A. Francesco Riondato
- 1778702 ANTIVIRAL COMPOUNDS. GILEAD SCIENCES, INC.
- 1778706 NEW SELENOHYDROXY ACIDS AND THEIR DERIVATIVES: APPLICATIONS IN NUTRITION, COSMETICS AND PHARMACEUTICS. Tetrahedron
- 1778733 METHOD FOR THE CONTROLLED OXIDATION OF POLYSACCHARIDES. Institute National Polytechnique de Toulouse; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE -CNRS-
- 1778874 ONCOFETAL FIBRONECTIN AS A MARKER FOR CERVICAL CANCER. ADEZA BIOMEDICAL CORPORATION
-

- 1781260 EXTENDED RELEASE TABLET FORMULATION CONTAINING PRAMIPEXOLE OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF, METHOD FOR MANUFACTURING THE SAME AND USE THEREOF. Boehringer Ingelheim International GmbH; Boehringer Ingelheim Pharma GmbH & Co. KG
- 1781277 A COMBINATION COMPOSITION COMPRISING IBUPROFEN AND PARACETAMOL. AFT Pharmaceuticals Limited
- 1781528 BICYCLE SADDLE. M. D'A. Francesco Riondato
- 1781579 HIGH BELITE-CONTAINING SULFOALUMINOUS CLINKER, METHOD FOR THE PRODUCTION AND THE USE THEREOF FOR PREPARING HYDRAULIC BINDERS.. Holcim Technology Ltd.
- 1781639 SUBSTITUTED INDOLYL ALKYL AMINO DERIVATIVES AS NOVEL INHIBITORS OF HISTONE DEACETYLASE. Janssen Pharmaceutica NV
- 1781680 UNIVERSAL ANTIBODY LIBRARIES. Bioren, LLC
- 1784174 A PHARMACEUTICAL COMPOSITION COMPRISING GABAPENTIN. ZAMBON S.p.A.
- 1784487 IDENTIFICATION OF CROSS-REACTIVE EPITOPES OF FLAVIVIRUS ENVELOPE GLYCOPROTEIN. THE GOVERNMENT OF THE UNITED STATES OF AMERICA
as represented by THE SECRETARY OF THE
DEPARTMENT OF HEALTH AND HUMAN SERVICES
- 1786314 REFLECTION MICROSCOPE FOR EXAMINATION OF THE CORNEAL ENDOTHELIUM AND METHOD OF OPERATING SAME. Costruzioni Strumenti Oftalmici C.S.O. S.r.l.
- 1786327 SURGICAL IMAGING DEVICE. Covidien LP
- 1786443 PARTICULATE CONSTRUCTS FOR RELEASE OF ACTIVE AGENTS. Celator Pharmaceuticals, Inc.; The Trustees of Princeton University
- 1786722 BEVERAGE DISPENSING TAP WITH SPOUTS FOR THE LIQUID AND THE FOAM. Scottish & Newcastle Limited
- 1786902 A NOVEL CLASS OF THERAPEUTIC PROTEIN BASED MOLECULES. Ansun Biopharma, Inc
- 1789686 HIGH-PRECISION SPINDLE ASSEMBLY FOR A DAVENPORT AUTOMATIC SCREW MACHINE. Brinkman Products, Inc.
- 1789982 METHODS AND APPARATUS FOR PRODUCING CARBON CATHODES. Medtronic, Inc.; Heraeus Deutschland GmbH & Co. KG
-

1799083	TOILET PAPER DISPENSER HOUSING A ROLL, TOILET PAPER ROLL AND DISPENSER. Essity Operations France
1799588	CARTON. GRAPHIC PACKAGING INTERNATIONAL EUROPE UK LIMITED
1809271	USE OF (R)-(HALOBENZYLOXY) BENZYLAMINO-PROPANAMIDES AS SODIUM AND/OR CALCIUM CHANNEL SELECTIVE MODULATORS. Newron Pharmaceuticals S.p.A.
1817051	PHARMACEUTICAL COMPOSITIONS COMPRISING BOTULINUM NEUROTOXIN, A NON IONIC SURFACTANT, SODIUM CHLORIDE AND SUCROSE. Ipsen Biopharm Limited
1817270	METHOD OF USE OF A CARBONATED CLEANING COMPOSITION. Chem-Dry, Inc.
1864998	Binding molecules. Craig, Roger Kingdon; Erasmus University Medical Center Rotterdam
1907419	PREPARATION OF INSULIN CONJUGATES. Biocon Limited
2112162	Genetically modified human natural killer cell lines. The Institute for Cancer Research
2165634	Toilet paper dispenser. Essity Operations France
2217031	Efficient signaling over access channel. Qualcomm Incorporated
2258376	Phosphonate analogs of HIV inhibitor compounds. GILEAD SCIENCES, INC.
2266599	Therapeutic composition with a botulinum neurotoxin. Merz Pharma GmbH & Co. KGaA
2267116	Growth medium for primate embryonic stem cells. Asterias Biotherapeutics, Inc.
2269617	Process for enriching a population of sperm cells. Inguran, LLC
2269631	Pharmaceutical compositions comprising botulinum neurotoxin for use in medicine and cosmetics. Ipsen Biopharm Limited
2282059	Gear pump with magnetic coupling assembly. Pulsafeeder, Inc.
2309325	PARAMETRIC TERAHERTZ RADIATION GENERATION. The University Court Of The University Of St Andrews
2311874	Binding molecules. Craig, Roger Kingdon; Erasmus University Medical Center Rotterdam
2314617	ActRII receptor polypeptides. Acceleron Pharma Inc.
2316839	ANTIVIRAL HETEROCYCLIC COMPOUNDS HAVING PHOSPHONATE GROUPS. GILEAD SCIENCES, INC.
2332977	ActRII receptor polypeptides. Acceleron Pharma Inc.

2626368	Insulin-oligomer conjugates, formulations and uses thereof. Biocon Limited
2801583	Genetically modified human natural killer cell lines. THE INSTITUTE FOR CANCER RESEARCH
2884258	Enhancing flow cytometry discrimination with computer-implemented geometric transformation. Beckman Coulter, Inc.
2916128	Method and device for analyte detection. ProteinSimple
2921500	GENETICALLY MODIFIED HUMAN NATURAL KILLER CELL LINES. The Institute for Cancer Research
2939688	Pharmaceutical compositions comprising botulinum neurotoxin. Ipsen Biopharm Limited
3001952	TRANSCUTANEOUS ANALYTE SENSOR. DexCom, Inc.
3018204	A NOVEL CLASS OF THERAPEUTIC PROTEIN BASED MOLECULES. Ansun Biopharma, Inc.
3059245	ACTRII RECEPTOR ANTAGONISTIC ANTIBODIES. Acceleron Pharma Inc.
3111832	TRANSCUTANEOUS ANALYTE SENSOR. Dexcom, Inc.
3241898	A NOVEL CLASS OF THERAPEUTIC PROTEIN BASED MOLECULES. Ansun Biopharma, Inc.
3260029	TOILET PAPER ROLL. Essity Operations France
3327608	SECURITY MODULE AND METHOD FOR CONTROLLING AND MONITORING THE DATA TRAFFIC OF A PERSONAL COMPUTER. Papst Licensing GmbH & Co. KG
3381930	SOLUBLE FORMS OF HENDRA AND NIPAH VIRUS G GLYCOPROTEIN. The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.
3406631	GENETICALLY MODIFIED HUMAN NATURAL KILLER CELL LINES. The Institute for Cancer Research
3524142	TRANSCUTANEOUS ANALYTE SENSOR. Dexcom, Inc.
3524150	TRANSCUTANEOUS ANALYTE SENSOR. DexCom, Inc.
3524151	TRANSCUTANEOUS ANALYTE SENSOR. DexCom, Inc.
3666187	TRANSCUTANEOUS ANALYTE SENSOR. DexCom, Inc.
3718478	TRANSCUTANEOUS ANALYTE SENSOR. Dexcom, Inc.
3718479	TRANSCUTANEOUS ANALYTE SENSOR. Dexcom, Inc.
3739668	NEW ORGANIC/INORGANIC COMPOSITE POROUS FILM AND ELECTROCHEMICAL DEVICE PREPARED THEREBY. LG Energy Solution, Ltd.; Toray Industries, Inc.
4111962	TRANSCUTANEOUS ANALYTE SENSOR. Dexcom, Inc.

Application for Restoration of Lapsed Patents – Section 37

The number of the patent appears first, followed by the name of the proprietor and the title of the invention for which the patent was granted.

3661454 Do Canto Zago, Alexandre
DEVICE AND METHOD FOR PROMOTING RAPID STRUT COVERAGE
AND VASCULAR ENDOTHELIAL COVERAGE

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.

2025029 IONIS PHARMACEUTICALS, INC., 2855 Gazelle Court, Carlsbad,
CA 92010, United States of America
(28 July 2025)
Patent No: 3524680; COMPOSITIONS AND METHODS FOR
MODULATING TTR EXPRESSION
Product: Eplontersen, optionally in the form of a pharmaceutically
acceptable salt
Market Authorisation: Ireland EU/1/24/1875, 07/03/2025
European Union EU/1/24/1875, 07/03/2025

2025030 CYMABAY THERAPEUTICS, INC., 333 Lakeside Drive Foster
City, CA 94404, United States of America
(05 August 2025)
Patent No: 3119384; TREATMENT OF INTRAHEPATIC
CHOLESTATIC DISEASES
Product: Seladelpar or a pharmaceutically acceptable salt thereof, in
particular seladelpar L-lysine dihydrate
Market Authorisation: Ireland EU/1/24/1898, 21/02/2025
European Union EU/1/24/1898, 21/02/2025

2025031 JANSSEN PHARMACEUTICA NV, Turnhoutseweg 30, 2340
Beerse, Belgium
(05 August 2025)
Patent No: 1937065; NOVEL LYSINE SALTS OF 4-
((PHENOXYALKYL) THIO)-PHENOXYACETIC ACID
DERIVATIVES
Product: L-lysine salt of seladelpar, in particular seladelpar L-lysine
dihydrate
Market Authorisation: Ireland EU/1/24/1898, 21/02/2025
European Union EU/1/24/1898, 21/02/2025

Designs Registered Under The Industrial Designs Act, 2001

23700 24.02 Darren Forde, Bushfield, Hollymount, Co. Mayo F12VY49, Ireland.
Address for service is c/o Darren Forde
Bushfield, Hollymount, Co. Mayo F12VY49, Ireland.

Date of Registration: 27 May 2025.

The 3C was Designed & manufactured to help decrease the number of injuries & deaths connected with the umbilical cord during child birth. This medical device eliminates the risk of cutting the cord at the wrong location. Scissors Symbol shows where to cut, Angled lip allows clip to become detached when closed no void (amended typo) on end view. It also provides 3 clamps fixed at the correct location (10 cm , 15cm & 20 cm) which removes from the 3C once closed. The 3C can be used globally as it has symbols rather than a language. The inscribed QR code also once scans brings the user to the relevant child birth CPG. It comes in a sterile sealed medical pouch. It is Shaped to hold the umbilical cord when cutting. The cutting slot allows an exact precise location which is defined as 17.5 cm (pre hospital). Once used the 3C can be cleaned, sterilized, repacked and reused.



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

No. 2549**Wednesday, 27 August, 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.

CHRISTOPHER JAMES STUART FREELAND

272891 30 April 2025

Class 36. Financial consultancy;
Financial information and
advisory services.

Christopher James Stuart Freeland, Seanacarra House, Ballieragh, Kilcrohane, Ireland. Address for service is c/o Christopher Freeland, Seanacarra House, Ballieragh, Kilcrohane, Ireland.

EVERLYFE

272892 04 May 2025

Class 40. Custom 3D printing for
others.

Class 42. Scanning of images;
Scanning of photographs for
digitization; Designing.

Stephen Kehoe, 18 Parnell Road, Bray A98 PK81, Ireland. Address for service is c/o Stephen Kehoe, 18 Parnell Road, Bray A98 PK81, Ireland.

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



272893 02 May 2025

Class 41. Film production services;
Film production; Film
production, other than
advertising films; Production
of training films; Film

production for educational purposes.

Connor Kingsley Dale, 43 Woodlands, Ballyshannon F94 CA98, Ireland. Address for service is c/o Connor Kingsley Dale, 43 Woodlands, Ballyshannon F94 CA98, Ireland.



272894 22 April 2025

Class 41. Rental services relating to equipment and facilities for education, entertainment, sports and culture.

Mutaz Mahmoud, 50 Johnsgate Village, Limerick V94 Y10E, Ireland. Address for service is c/o Mutaz Mahmoud, 50 Johnsgate Village, Limerick V94 Y10E, Ireland.

Transliteration of characters contained within the mark: Sudanese Community in Ireland; Victory is ours; Republic of Sudan.

The mark in use is/will be in the colour(s) red, black, green, white, orange, gold and light grey.



272895 28 April 2025

Class 41. School services; educational services; secondary school educational services; provision of training and cultural activities; provision of educational, instructional and training courses; organisation and conducting of after-school groups for education, entertainment or recreational purposes; organisation and conducting of homework clubs and academic monitoring for children; provision of homework assistance; design of and setting standards for educational courses, examinations and qualifications; conducting of educational courses; provision of educational examinations and tests; teaching services; publication of instructional and educational materials;

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

Board of Management of St Attracta's Community School, St Attracta's Community School, Tubbercurry, Sligo F91KT21, Ireland. Address for service is c/o Hazel McDwyer, c/o Mason Hayes & Curran LLP, South Bank House, Barrow Street, Dublin D04TR29, Ireland.

Translation of characters contained within the mark:
"United for Truth/Together for Truth".



272896 30 April 2025

Class 43. Providing food and beverages.

JeSo'Pazz LTD, 17 Church Street, Co. Westmeath, Athlone N37H6Y7, Ireland. Address for service is c/o JeSo'Pazz LTD, 17 Church Street, Co. Westmeath, Athlone N37H6Y7, Ireland.

The mark in use is/will be in the colour(s) Font will be white color, with Italian flag in place of the dot on the i of @Fine, with Pantone 7699c Matt as a background color

SEEMOR

272897 19 December 2024

Class 9. Downloadable computer software using artificial intelligence models for content generation and management, namely, image generation from user

prompts, video generation from user prompts, and image compression; downloadable computer software and application software for generating images from text, downloadable computer software and application software for searching, licensing, purchasing and downloading digital content, text; downloadable computer software and application software with artificial intelligence for generating images from text; none of the foregoing relating to augmented reality software.

- Class 42. Provision of application software using artificial intelligence for generating images from non-downloadable text by websites, designing, creating or maintaining computer programs; application service provider (asp) featuring software using artificial intelligence for generating images based on natural language prompts; providing a website featuring non-downloadable software using artificial intelligence for generating images based on natural language prompts; providing on-line non-downloadable software using artificial intelligence for generating images based on natural language prompts; providing temporary use of on-line non-downloadable cloud computing software using artificial intelligence for generating images based on natural language prompts; providing temporary use of on-line non-downloadable software and applications using artificial intelligence for generating images based on natural language prompts; research in the field of artificial intelligence;

software as a service (saas) services featuring software using artificial intelligence for generating images based on natural language prompts; Software As A Service (SAAS) services using artificial intelligence models for content generation and management, namely, image generation from user prompts, video generation from user prompts, image editing, and image compression; application service provider featuring Application Programming Interface (API) software; providing information in the field of artificial intelligence technology.

RAMDVG LIMITED, 32 Molesworth Street, Dublin 2, D02 Y512, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.



Application is for a Series of 2 Trade Marks.

272898 19 December 2024

- Class 9. Downloadable computer software using artificial intelligence models for content generation and management, namely, image generation from user prompts, video generation

from user prompts, and image compression; downloadable computer software and application software for generating images from text, downloadable computer software and application software for searching, licensing, purchasing and downloading digital content, text; downloadable computer software and application software with artificial intelligence for generating images from text; none of the foregoing relating to augmented reality software.

- Class 42. Provision of application software using artificial intelligence for generating images from non-downloadable text by websites, designing, creating or maintaining computer programs; application service provider (asp) featuring software using artificial intelligence for generating images based on natural language prompts; providing a website featuring non-downloadable software using artificial intelligence for generating images based on natural language prompts; providing on-line non-downloadable software using artificial intelligence for generating images based on natural language prompts; providing temporary use of on-line non-downloadable cloud computing software using artificial intelligence for generating images based on natural language prompts; providing temporary use of on-line non-downloadable software and applications using artificial intelligence for generating images based on natural language prompts; research in the field of artificial intelligence; software as a service (saas)

services featuring software using artificial intelligence for generating images based on natural language prompts; Software As A Service (SAAS) services using artificial intelligence models for content generation and management, namely, image generation from user prompts, video generation from user prompts, image editing, and image compression; application service provider featuring Application Programming Interface (API) software; providing information in the field of artificial intelligence technology.

RAMDVG LIMITED, 32 Molesworth Street, Dublin 2, D02 Y512, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

VAST ENVIRONMENTAL INNOVATION

272899 28 April 2025

Class 5. Preparations for controlling insects.

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

CrackIt

272900 30 April 2025

- Class 9. Downloadable mobile application software for revision, progress tracking, and exam preparation; computer software platforms for learners, apprentices, and students to revise, track progress, and test knowledge.
- Class 41. Educational services provided online; digital learning resources and training materials for students; delivery of learning and assessment via web-based tools.

CrackIt Learning Ltd, Scardenmore, Strandhill, Sligo F91 EC58, Ireland. Address for service is c/o CrackIt Learning Ltd, C/O Paul Carty, Scardenmore, Strandhill, Sligo F91 EC58, Ireland.

OPTICURVE

272901 16 April 2025

- Class 10. Intraocular lens; lens surface design forming an integral component of an intraocular lens.

AMO Ireland, Block B, Liffey Valley Office Campus, Quarryvale, Dublin, Ireland. Address for service is c/o Jane Farren, c/o Addleshaw Goddard (Ireland) LLP, Temple Chambers, 3 Burlington Road, Ballsbridge, Dublin 4 D04 RD68, Ireland.



Application is for a Series of 2 Trade Marks.

272902 01 May 2025

- Class 25. Clothing, footwear, headgear; football playing kits; football training kits; replica kits (including mini kits and baby kits); football base layers, underwear; sports tops, shorts, trousers and socks; trainers; jackets; football shirts; articles of sports clothing; scarves; shorts; socks; sweatshirts;

tracksuits; t-shirts; hats; caps; pyjamas; slippers; wristbands; headbands; boots; football boots; articles of clothing for gymnastics, sports and leisurewear; shirts; sweaters; belts; ties, singlets; articles of outer clothing; lingerie; hosiery; overalls; ear muffs; sweaters; dressing gowns; bathrobes; boxer shorts; beach clothes and footwear; sandals; articles of clothing, footwear and headgear for babies and toddlers; aprons; bathing caps and suits; bathing trunks; garters; gloves and mittens; jerseys; jumpers and knitwear; leggings; coats; parkas; shawls; skirts; vests; waterproof clothing.

Priority Date Claimed: 19 November 2024 United Kingdom

NEWCASTLE UNITED FOOTBALL COMPANY LIMITED, St James' Park, Newcastle Upon Tyne NE1 4ST, United Kingdom. Address for service is c/o Anne Ryan & Co, 2 Crofton Terrace, Dun Laoghaire, Co. Dublin, A96 V6P7, Ireland.

The mark in use is/will be in the colour(s) The first mark in the series is in black and white. The second mark in the series is/will be used in the colours: Beige: C:4 M:6 Y:34 K:0, Blue: C:65 M:7 Y:25 K:0, Green: C:80 M:18 Y:94 K:3, black and white.



272903 24 April 2025

- Class 7. Industrial machinery and automation systems including robots, conveyors, motors, actuators, and variable speed drives used in manufacturing and industrial processes.
- Class 9. Electrical control panels, programmable logic controllers (PLCs), sensors, industrial automation and IoT devices, safety monitoring equipment, and control software for machinery and systems.
- Class 35. Business management consulting in the areas of industrial safety, operational efficiency, and automation planning.
- Class 37. Installation, repair, and maintenance of electrical control panels, robotics, automation systems, industrial machinery, and related components.
- Class 38. Services related to the remote monitoring, control, and data transmission of automation systems via IoT or telemetry solutions.
- Class 40. Modification, treatment, or enhancement of electronic or mechanical components as part of the repair or servicing process.
- Class 41. Provision of workplace safety training, including Manual Handling, Instructor Certification, and industrial safety programs.
- Class 42. Design, programming, and integration of electrical and automation systems, IoT infrastructure, control software, and technical consultancy in industrial automation and electrical engineering.
- Class 45. Consultancy and advisory services in the field of workplace safety

compliance, audits, and health and safety regulations.

Robotics and Control, Caher Business Park, Caher Abbey Upper, Tipperary E21 C564, Ireland. Address for service is c/o Robotics and Control, C/O Benedict Larkin, Caher Business Park, Caher Abbey Upper, Tipperary E21 C564, Ireland.



pure éire

272904 14 February 2025

Class 11. Air purification apparatus; Purification machines (Air -); Purification apparatus (Air -); Air purification installations; Air purification machines; Clean air booths (Air purification apparatus for -); Clean air cabinets (Air purification apparatus for -); Air purifiers; Wearable air purifiers; Electric air purifiers; Industrial air purifiers; Air purifiers for automobiles; Filters for air purifiers; Air purifiers for strollers; Air purifiers [for household purposes]; Air

purifiers for household use; Robotic air purifiers for household purposes.

Class 40. Air purification; Purification of air; Rental of air purification equipment; Rental of air purification apparatus; Air purification apparatus (Rental of -); Air and water conditioning and purification; Rental of water and air purification equipment.

D&L COMMERCE LTD, 68 Crom Road, Macknagh, Lisnaskea, Co. Fermanagh BT920BD, United Kingdom. Address for service is c/o D&L COMMERCE LTD, C/O Ms Lorraine Kathleen MCMANUS, Realta Shopping Centre, Cullyleenan, Ballyconnell, Co. Cavan DL, Ireland.

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

TheHRHead

272905 22 October 2024

Class 35. Human resources management; Human resources consultancy; Human resources consultation; Human resources management and recruitment services; Serving as a human resources department for others.

TerriSue Cosgrove, 16 The Pierre, Victoria Terrace, Dun Laoghaire Dublin A96 Y6W3, Ireland. Address for service is c/o TerriSue Cosgrove, 16 The Pierre, Victoria Terrace, Dun Laoghaire Dublin A96 Y6W3, Ireland.

The logo consists of the words "New York" in a white, sans-serif font. The "Y" in "York" is stylized with a red dot above it. The text is centered on a solid black rectangular background.The logo consists of the words "New York" in a black, sans-serif font. The "Y" in "York" is stylized with a red dot above it. The text is centered on a white background.

Application is for a Series of 2 Trade Marks.

272906 10 April 2025

Class 25. Hoods [clothing]; Sports clothing; Childrens' clothing; Boys' clothing; Jackets [clothing]; Women's clothing; Clothing for sports; Men's clothing.

Toheed Ullah, 9 The Innings Road Observatory, Lane Rathmines Dublin 6, Dublin D06W741, Ireland. Address for service is c/o Toheed Ullah, 9 The Innings Road Observatory, Lane Rathmines Dublin 6, Dublin D06W741, Ireland.



272907 10 March 2025

Class 35. Employment recruitment; Staff recruitment; Recruitment advertising; Recruitment consultancy services; Employment consultancy; Employment recruiting consultancy; Employment consultancy services; Personnel management and employment consultancy; Employment consultancy services relating to data processing personnel; Employment agency services; Employment agency services for temporary work assignments.

SM Facilites Management Limited, Fort Rose, Cootehill road, Cavan, Ireland. Address for service is c/o SM Facilities Management Limited, C/O Luke Fortune, 11 Churchview, Cavan, Ireland.



272908 06 May 2025

Class 25. Cleats for attachment to sports shoes.

Red Oak Design Ltd, 32 Cypress Park, Templeogue, Dublin 6W D6W NP48, Ireland. Address for service is c/o Red Oak Design Ltd, 32 Cypress Park, Templeogue, Dublin 6W D6W NP48, Ireland.



272909 06 May 2025

Class 43. Fast food restaurants; Fast food restaurant services; Fast-food restaurant services; Take-away fast food services; Catering in fast-food cafeterias; Restaurant services for the provision of fast food.

Laurence Kinlan, 17 Trinity Street, Dublin D02W281, Ireland. Address for service is c/o Laurence Kinlan, 17 Trinity Street, Dublin D02W281, Ireland.

Resilient By Choice

272910 06 May 2025

Class 9. Downloadable podcasts.
Class 16. Books.
Class 38. Transmission of podcasts.
Class 41. Creation [writing] of podcasts; Creation [writing] of educational content for podcasts.

Gerard Prendergast, 25 Churchwell Road, Balgriffin D13W286, Ireland. Address for service is c/o Gerard Prendergast, 25 Churchwell Road, Balgriffin D13W286, Ireland.



Application is for a Series of 2 Trade Marks.

272911 06 May 2025

Class 5. Food for special medical purposes; dietetic foods and substances adapted for medical purposes; food for babies; food for invalids; infant formula; food for babies with special nutritional needs; non-dairy and plant-based milks for babies, namely milks derived from plants, vegetables, cereals, grains, nuts, seeds, beans and fruits; nutritional products for medical purposes; nutritional supplements; cereals for infants; vitamin preparations; dietetic foods for pregnant, lactating and breast feeding women; dietetic milk for pregnant, lactating and breast feeding women; dietary fiber; protein dietary supplements; soy protein dietary supplements; protein supplements shakes; energy bars used as food supplements; dietary

supplements for human beings.

Class 29. Milk and milk products; yogurt; milk substitutes; plant-based milk and milk products, namely milks derived from plants, vegetables, grains, nuts, seeds, beans and fruits; cottage cheese; milk beverages, milk predominating; compotes; fruit-based snack foods; nut-based snack bars; seed-based snack bars; probiotic dairy-based snack bar; powdered milk; frozen, prepared, dried, preserved or packaged meals consisting primarily of meat, fish, poultry, ham, vegetables and game; yogurt-based snack foods; fruit purees.

Class 30. Cereals and preparations made from cereals; breakfast cereals; cereal bars; muesli; snack food, cereal-based; snack food, rice-based; biscuits; high-protein cereals bars; cakes; pastries; sugar confectionery; dessert mousses [confectionery]; pancakes; waffles; chocolate; cocoa-based beverages; chocolate-based beverages; coffee-based beverages; tea-based beverages; custard; ice cream; sherbets [ices]; edible ices; fruit coulis [sauces]; chocolate-based spreads; chocolate spreads containing nuts; energy bars other than for dietary or medical purposes.

Class 32. Mineral water [beverages]; still or sparkling water (mineral or not); flavored waters (mineral or not); flavored drinks; fruit beverages and fruit juices; fruit or vegetable-based beverages; vegetable beverages and vegetable juices; non-alcoholic beverages; protein-enriched sports beverages; waters

enriched with nutrients;
beverages enriched with
additional minerals (not
being for medical use);
beverages enriched with
added vitamins (not for
medical purposes); mineral-
enriched non-alcoholic
beverages; smoothies;
lemonades; sodas; tonic;
energy drinks; isotonic
beverages; pastilles for
effervescing beverages;
powders for effervescing
beverages; syrups and other
preparations for making non-
alcoholic beverages; non-
alcoholic plant-based
beverages.

N.V. Nutricia, Eerste Stationsstraat 186, 2712 HM
Zoetermeer, The Netherlands. Address for service is
c/o Alistair Leyland Payne, Acuatus Limited, 42
Dominick Street Lower, Dublin 1, Ireland.

The mark in use is/will be in the colour(s) red and
the other mark in the series is/will be in grayscale.

TESLARY

272912 19 April 2025

Class 35. Retail services in relation to
car accessories.

ARES CORE TECHNOLOGIES LIMITED, UNIT
9C, ENTERPRISE BUSINESS PARK, O BRIEN
ROAD, CARLOW R93 F2N7, Ireland. Address for
service is c/o ARES CORE TECHNOLOGIES
LIMITED, c/o JASON ELLIOT, UNIT 9C
ENTERPRISE BUSINESS PARK, O BRIEN ROAD,
CARLOW R93 N2F7, Ireland.

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

PULSE

272913 14 April 2025

Class 9. Mobile apps regarding
recruitment; software for use
in the field of recruitment,
staffing, and personnel
services in the fields of
medicine, nursing,
healthcare, life sciences,
mental health services, social
care services and medical
and health diagnostics;
mobile apps regarding
recruitment for the provision
staff shift information, shift
management, and shift
scheduling; downloadable
mobile applications
regarding recruitment for job
matching and workforce
scheduling; mobile
applications regarding
recruitment for employee
onboarding, staff workflow
management and staff
training.

Class 35. Recruitment services;
personnel management
consultancy; personnel
services; temporary
personnel services;
professional staffing
services, namely, provision
of temporary and permanent
clinical staff; employment
agency services, namely,
temporary and permanent
placement of medical, health,
hospital, nursing, life
sciences, allied health, and
mental and social care
professionals; outsourcing
services [business
assistance]; business services

for hospitals, nursing, convalescent, retirement and dental institutions; serving as a human resources department for others; management of suppliers and personnel for others in the fields of healthcare, social care, life sciences and pharmaceuticals; consultancy services relating to the management of suppliers and personnel in the fields of healthcare, social care, life sciences and pharmaceuticals; business services for healthcare and social care institutions; business administration, management and consultancy services for healthcare and social care institutions; business administration, management and consultancy services for healthcare and social care institutions, namely waiting list management services; managed service provider (MSP) services, namely, headhunting services, talent acquisition services, workforce planning services, and management of suppliers and personnel for others; master vendor services, namely, management of supplier for others in the healthcare, social care, life sciences and pharmaceutical sectors; recruitment process outsourcing (RPO) services, namely, recruitment planning, advertising for recruitment, conducting recruitment interviews and assessments, checking references and negotiating employment contracts; workforce planning and optimisation services, namely, personnel management consultancy services for employee retention, engagement, satisfaction and increased

productivity; business data analysis services, namely, analysing workforce performance; advice and assistance relating to all the aforesaid services.

Class 38. Data transmission; transmission of data in connection with medicine, healthcare and medical and health diagnostics; advice and assistance relating to all the aforesaid services.

Class 41. Education and training in the field of medicine, nursing, healthcare, life sciences, mental health services, social care services, diagnostics, human resources, business management and personnel management; training and onboarding of healthcare professionals; educational courses relating to clinical compliance and best practices in healthcare staffing; advice and assistance relating to all the aforesaid services.

Class 42. Software as a service (Saas) in the fields of recruitment and personnel services in the fields of medicine, nursing, healthcare, life sciences, mental health services, social care services, and medical and health diagnostics; platform as a service (Paas) in the fields of recruitment and personnel services in the fields of medicine, nursing, healthcare, life sciences, mental health services, social care services and medical and health diagnostics; platform as a service (Paas) for recruitment, namely, employee onboarding, staff workflow management, and staff training; providing online, non-downloadable software in connection with the provision of recruitment services being staff shift information, shift

management, and shift scheduling; IT consultancy in the fields of recruitment and personnel services in the fields of medicine, nursing, healthcare, life sciences, mental health services, social care services and medical and health diagnostics; advice and assistance relating to all the aforesaid services.

- Class 44. Medical services; hospital services; nursing services; community nursing services; respite care nursing; medical and health clinics; convalescent home services; hospice services; nursing home services; occupational health services; health services; health screening and diagnostic services; medical and health diagnostic services; dentistry services; medical, health and fitness assessment services; provision of medical, nursing and care facilities; providing medical information via a website; mental health services; mental health therapy services; mental health assessment services; health care and social care services, namely, providing health care and support to individuals who need help with day-to-day living because of ill health or disability; advice and assistance relating to the aforesaid services.

ICSG Limited, 9 Appold Street, Hofplein 20, EC2A 2AP London, The Netherlands. Address for service is c/o Alicia Nash, Kilburn & Strode LLP, Hofplein 20, 3032 AC Rotterdam, The Netherlands.



272914 14 April 2025

- Class 9. Mobile apps regarding recruitment; software for use in the field of recruitment, staffing, and personnel services in the fields of medicine, nursing, healthcare, life sciences, mental health services, social care services and medical and health diagnostics; mobile apps regarding recruitment for the provision staff shift information, shift management, and shift scheduling; downloadable mobile applications regarding recruitment for job matching and workforce scheduling; mobile applications regarding recruitment for employee onboarding, staff workflow management and staff training.

- Class 35. Recruitment services; personnel management consultancy; personnel services; temporary personnel services; professional staffing services, namely, provision of temporary and permanent clinical staff; employment agency services, namely, temporary and permanent placement of medical, health, hospital, nursing, life sciences, allied health, and

mental and social care professionals; outsourcing services [business assistance]; business services for hospitals, nursing, convalescent, retirement and dental institutions; serving as a human resources department for others; management of suppliers and personnel for others in the fields of healthcare, social care, life sciences and pharmaceuticals; consultancy services relating to the management of suppliers and personnel in the fields of healthcare, social care, life sciences and pharmaceuticals; business services for healthcare and social care institutions; business administration, management and consultancy services for healthcare and social care institutions; business administration, management and consultancy services for healthcare and social care institutions, namely waiting list management services; managed service provider (MSP) services, namely, headhunting services, talent acquisition services, workforce planning services, and management of suppliers and personnel for others; master vendor services, namely, management of supplier for others in the healthcare, social care, life sciences and pharmaceutical sectors; recruitment process outsourcing (RPO) services, namely, recruitment planning, advertising for recruitment, conducting recruitment interviews and assessments, checking references and negotiating employment contracts; workforce planning and optimisation services, namely, personnel

management consultancy services for employee retention, engagement, satisfaction and increased productivity; business data analysis services, namely, analysing workforce performance; advice and assistance relating to all the aforesaid services.

Class 38. Data transmission; transmission of data in connection with medicine, healthcare and medical and health diagnostics; advice and assistance relating to all the aforesaid services.

Class 41. Education and training in the field of medicine, nursing, healthcare, life sciences, mental health services, social care services, diagnostics, human resources, business management and personnel management; training and onboarding of healthcare professionals; educational courses relating to clinical compliance and best practices in healthcare staffing; advice and assistance relating to all the aforesaid services.

Class 42. Software as a service (Saas) in the fields of recruitment and personnel services in the fields of medicine, nursing, healthcare, life sciences, mental health services, social care services, and medical and health diagnostics; platform as a service (Paas) in the fields of recruitment and personnel services in the fields of medicine, nursing, healthcare, life sciences, mental health services, social care services and medical and health diagnostics; platform as a service (Paas) for recruitment, namely, employee onboarding, staff workflow management, and staff training; providing online, non-downloadable

software in connection with the provision of recruitment services being staff shift information, shift management, and shift scheduling; IT consultancy in the fields of recruitment and personnel services in the fields of medicine, nursing, healthcare, life sciences, mental health services, social care services and medical and health diagnostics; advice and assistance relating to all the aforesaid services.

- Class 44. Medical services; hospital services; nursing services; community nursing services; respite care nursing; medical and health clinics; convalescent home services; hospice services; nursing home services; occupational health services; health services; health screening and diagnostic services; medical and health diagnostic services; dentistry services; medical, health and fitness assessment services; provision of medical, nursing and care facilities; providing medical information via a website; mental health services; mental health therapy services; mental health assessment services; health care and social care services, namely, providing health care and support to individuals who need help with day-to-day living because of ill health or disability; advice and assistance relating to the aforesaid services.

ICSG Limited, 9 Appold Street, London EC2A 2AP, United Kingdom. Address for service is c/o Alicia Nash, Kilburn & Strode LLP, Hofplein 20, 3032 AC Rotterdam, The Netherlands.

itsOKman
ITSOKMAN

Application is for a Series of 2 Trade Marks.

272915 14 April 2025

- Class 25. Clothing namely; hoodies, caps, vests.

Raymond McNamara, Mount David, Shanagolden, Limerick V94 P3FV, Ireland. Address for service is c/o Raymond McNamara, Mount David, Shanagolden, Limerick V94 P3FV, Ireland.

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

NaviShl

272916 01 April 2025

- Class 6. Signs, and information and advertising displays, of metal.
- Class 9. Middleware for management of software functions on electronic devices; Computer software for use as an application programming interface (API); Software for converting natural language into machine executable commands; Directional signage [luminous or

mechanical]; Digital signs; Mechanical signs; Signs, luminous; Electronic signs; Electric signs; Neon signs; Illuminated signs; Luminous signs; Road signs [luminous]; Safety signs [luminous]; Safety signs [mechanical]; Illuminated advertising signs; Luminous electric signs; Mechanical road signs; Road signs [mechanical]; Luminous road signs; Road signs, luminous or mechanical; Traffic signs of metal [luminous]; Traffic signs (non-metallic -) [luminous]; Advertising display signs [mechanical or luminous]; Traffic information panels (non-metallic -) [luminous signs]; Display signs of metal [luminous or mechanical]; Digital signage; Digital signage display panels; Luminous pointers.

Class 11. LED lighting assemblies for illuminated signs.

Class 19. Signs, and information and advertising displays, non-metallic; Bus stops [signs or structures] of non-metallic materials.

Leo McBride, 17 Corrig Road, Dublin D18N6K8, Ireland. Address for service is c/o Leo McBride, 17 Corrig Road, Dublin D18N6K8, Ireland.

Croí Coffee

272917 10 April 2025

Class 43. Coffee shops; Coffee shop services.

Alyssa Cronin, 118 Newborough, Hollyfort Road, Gorey Wexford Y25YR60, Ireland. Address for service is c/o Alyssa Cronin, 118 Newborough, Hollyfort Road, Gorey Wexford Y25YR0, Ireland.

DURAFLOW

272918 18 May 2022

Class 19. Non-metallic building, construction and civil and structural engineering materials; road making, road marking, road coating and road repair materials; road, airport runway, race-track, playground and all weather sports surfacing materials; blocks, bricks, tiles, slates, lintels, flags, slabs, paving sets, posts, dense concrete masonry and non-metallic cladding for walls and roofs; non-metallic building blocks; concrete blocks; masonry blocks; paving blocks; paving flags; aggregates for concrete, filling, foundations and road making; rock, stone, crushed stone, fine stone powder, pebbles, sand, gravel and slag; asphalt, tarmacadam, pitch and bitumen; natural stone, artificial and reconstituted stone; porous asphalt; polymer modified binders being construction materials; concrete, ready mixed concrete, mortar, plaster, gypsum, cement and wall rendering and lining materials; pavements made of non-metallic materials; non-metallic rigid pipes;

swimming pools [structures,
not of metal].

Roadstone Limited, Fortunestown, Tallaght, Dublin
24, Ireland. Address for service is c/o F.F. Gorman &
Co., 15 Clanwilliam Square, Dublin 2, Ireland.

AIB CLUBHOUSE

272919 07 May 2025

Class 9. Automated banking machines; automated cash machines; cash dispensing machines; cash registers; calculating machines; apparatus for processing card transactions and data relating thereto and for payment processing; apparatus for verifying data on magnetically encoded cards; magnetic cards; magnetically encoded and smart (programmable) cards and stickers; computer hardware and software; data receivers for registration, transfer, processing and reproduction of sounds, images or data; electronically encoded identity wristbands; parts and fittings for the aforesaid goods.

Class 16. Paper, cardboard; printed matter; books, booklets, catalogues, magazines; periodical publications; manuals; travellers' cheques, money orders, money drafts; cheques; cardboard and plastic cards; book binding materials; photographs; stationery; writing instruments; files and

folders; document wallets; adhesives for stationery or household purposes; artists' materials; paint brushes; typewriters and office requisites (except furniture); instructional and teaching material (except apparatus); plastic materials for packaging (not included in other classes); printers' type; printing blocks.

Class 35. Business services namely business evaluations, business organization, business advice, business marketing, business development, business administration, business analysis, business consultancy and business management; provision of information relating to business and retail; provision of business information relating to customer behaviour; collection and systemisation of information in to a computer database; database management; business services, namely sales and retail optimisation services; provision of loyalty scheme and loyalty card services; organisation, administration, management and optimisation of loyalty, reward, discount, incentive and benefits schemes; information, advisory and consultancy services relating to all the aforesaid services.

Class 36. Insurance services; financial services; private banking services; monetary affairs; financial management, administration and valuation services; financing and procurement of financing; financial loan advisory services; loan procurement services; mortgage, banking, investment management, trustee and financial advisory services; deposit taking, savings, investment,

mortgage and real estate agency services; financial administration services; financing services for securing of funds; pension fund administration; financing services for the securing of funds for others and for the financing and arranging of loans; services for the financing of home loans; valuation of chattels; nominee services; stock broking services; tax services; pension fund services; public and private equity financing; funds transfer services; brokerage agencies for insurance and credit; management of wealth; issuing of traveller cheques; credit card, charge card, cash card, cheque guarantee card, purchase, payment and debit card services; financial planning and investment advisory services; provision of finance, money exchange and money transmission services; real estate appraisals, brokerage, leasing, management and valuations; real estate selection and acquisition; rent collection; renting and leasing of premises; credit card services; credit, discount and loyalty card services; issuance of tokens of value for use in loyalty schemes; information, advisory and consultancy services relating to the aforementioned services.

Class 41. Education; entertainment; sporting activities: instruction and educational services; arranging and conducting of conferences and exhibitions of a sporting and cultural nature; publication of books and text; sport and holiday camp services; organisation of competitions; provision of

training, entertainment and sporting activities; organisation of exhibitions of a sporting and cultural nature; conducting of lotteries; film production; video tape film production; practical training and demonstrations; production of radio and television programmes; providing sports facilities; rental of stadium facilities; organising and arranging of sports events.

Allied Irish Banks PLC, 10 Molesworth Street, Dublin 2 D02 R126, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.



272920 07 May 2025

Class 41. Secondary school educational services.

Colaiste Pobail Fola, Block B, Heritage village,
Garters Lane, City West, Co. Dublin D24hfk2,
Ireland. Address for service is c/o Colaiste Pobail
Fola, Block B, Heritage village, Garters Lane, City
West, Co. Dublin D24hfk2, Ireland.

Giant Strawbs Gone Squashy

272921 07 May 2025

Class 30. Confectionery.

Dunhills (Pontefract) Plc, PO Box No. 1, Pontefract,
West Yorkshire WF8 1NJ, United Kingdom.
Address for service is c/o Jeremy Erwin, Hayes
solicitors LLP, Lavery House, Earlsfort Terrace,
Dublin D02 T625, Ireland.

Go to the Hospital, I want hot Water!

272922 05 May 2025

Class 41. Digital video, audio and
multimedia entertainment
publishing services.

Felix Kistenbruegger, 19 Main Street APT C,
Blackrock, Dundalk, Co. Louth A91 TW6P, Ireland.
Address for service is c/o Felix Kistenbruegger, 19
Main Street APT C, Blackrock, Dundalk, Co. Louth
A91 TW6P, Ireland.

**TIMES
Holidays**

TIMES Holidays

**TIMES
Holidays**

TIMES Holidays

Application is for a Series of 4 Trade Marks.

272923 21 March 2025

Class 9. Downloadable online
publications in the fields of
travel and travel planning;
downloadable electronic
publications; publications in
electronically, magnetically
or optically recorded and
recordable form;
downloadable electronic
publications supplied on-line
from a database or from the
Internet (including websites);
webcasts; podcasts;
downloadable software for
accessing digital content in

	the fields of entertainment, travel, hotels, and restaurants via electronic and optical communications networks; downloadable mobile application software for providing travel information; downloadable mobile application software for booking and checking travel reservations; downloadable music, multimedia, video and audio recordings; downloadable videos supplied on-line from a database or from the Internet (including websites) containing music, entertainment and instructional material; podcasts; webcasts; downloadable electronic media, namely articles; none of the aforesaid goods offered in the provision of car rental, car sharing, car parking services, or payment processing services in relation to car parking, rental and sharing, or for the management and administration of membership organizations for car rental, car sharing, car parking and payment processing services in relation to car parking, rental and sharing.
Class 16.	Newspapers; paper; printed publications; magazines; printed matter; guide books; travel magazines; brochures; newsletters; manuals; catalogues; articles, columns and written/published articles contained and/or supplied in or by print media; periodicals; books; reference books; supplements; puzzle books, calendars; photographs; posters; drawings; stickers; stationery; adhesives for stationery or household purposes. Class 18. Luggage tags; bags; tote bags; umbrellas, parasols, walking sticks; trunks, travelling bags, articles of luggage; cases; purses; haversacks; pocket wallets, personal organisers, note holders, all made from leather or imitation leather. Class 35. Providing information in the nature of price comparison rating of travel and accommodation; providing travel and hotel rate comparison information; customer loyalty services and customer club services for commercial, promotional and/or advertising purposes; conducting, organisation, operation, advertising, promotion and supervision of customer loyalty, bonus, discount, reward, affinity and incentive programs for commercial promotion and for advertising purposes; customer loyalty and membership schemes; loyalty card services; organisation of promotional incentive and membership schemes; business consulting services in the field of travel and travel planning; advertising services, namely, promoting and marketing the goods and services of others via electronic communication networks; promotion and advertising of travel; the bringing together, for the benefit of others, of a variety of newspapers, magazines, periodicals, books, calendars, photographs, posters, playing cards, clothing, footwear, headgear, music, films, games, cameras, food, wine, other alcoholic beverages, enabling customers to conveniently view and purchase those goods from an online retail store or by means of an Internet website;

	online retail services connected with the sale of newspapers, magazines, periodicals, books, calendars, photographs, posters, puzzles, puzzle books, arts and craft materials, stationery; information, consultancy and advisory in relation to all the foregoing; none of the aforesaid goods offered in the provision of car rental, car sharing, car parking services, or payment processing services in relation to car parking, rental and sharing, or for the management and administration of membership organizations for car rental, car sharing, car parking and payment processing services in relation to car parking, rental and sharing.	
Class 39.	Providing information in the field of travel and travel planning via a website; transport; travel advice; provision of information relating to travel routes; travel arrangement; providing travel and tourism information via the internet; preparation and provision of information in relation to tourism, travel, transport and travel arrangements; travel agency services for arranging travel; travel guide and travel information services; organising, arranging and booking of transport, travel, and tours; booking of tickets for travel and travel tours; package holiday services for arranging travel; travel arrangement and reservation services; travel and tour ticket reservation service; arranging and booking of travel, excursions, and tours as part of package holidays; information, consultancy and advisory in relation to all the foregoing; none of the	aforesaid goods offered in the provision of car rental, car sharing, car parking services, or payment processing services in relation to car parking, rental and sharing, or for the management and administration of membership organizations for car rental, car sharing, car parking and payment processing services in relation to car parking, rental and sharing. Class 41. Entertainment; services for the publication of travel guides; providing non-downloadable electronic publications; publication of online (non-downloadable) guide books, travel maps, city directories and listings for use by travellers; publication of electronic books and journals on-line; provision of information relating to entertainment, art education, current events, political, sporting or cultural activities; providing information about entertainment activities, and making reservations and bookings for entertainment events; provision of news and information relating to travel, motor sports, entertainment, art education, current events, fitness and cultural activities, recreation, theatre, television and music; events services, namely organising and hosting cultural, recreational, musical and sporting activities; organisation of events for cultural, entertainment and sporting purposes; entertainment services in the nature of arranging social entertainment events; video production; production of shows and radio and television programmes;

information, consultancy and advisory in relation to all the foregoing.

- Class 43. Providing travel lodging information services and travel lodging booking agency services for travellers; holiday accommodation services; provision of information relating to holiday accommodation; arrangement of holiday accommodation; booking and reservation services for holiday accommodation and restaurants; providing accommodation information, namely ratings, reviews and recommendations of hotel and temporary housing accommodations; travel agency services for arranging and booking accommodation; information, consultancy and advisory in relation to all the foregoing.

Times Media Limited, 1 London Bridge Street, London SE1 9GF, United Kingdom. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39 Fitzwilliam Square, Dublin D02NX53, Ireland.

**T TIMES
Holidays**

T TIMES Holidays

**T TIMES
Holidays**

T TIMES Holidays

Application is for a Series of 4 Trade Marks.

272924 21 March 2025

- Class 9. Downloadable online publications in the fields of travel and travel planning; downloadable electronic publications; publications in electronically, magnetically or optically recorded and recordable form; downloadable electronic publications supplied on-line from a database or from the Internet (including websites); webcasts; podcasts; downloadable software for accessing digital content in the fields of entertainment, travel, hotels, and restaurants via electronic and optical communications networks; downloadable mobile application software for providing travel information; downloadable mobile

- application software for booking and checking travel reservations; downloadable music, multimedia, video and audio recordings; downloadable videos supplied on-line from a database or from the Internet (including websites) containing music, entertainment and instructional material; podcasts; webcasts; downloadable electronic media, namely articles; none of the aforesaid goods offered in the provision of car rental, car sharing, car parking services, or payment processing services in relation to car parking, rental and sharing, or for the management and administration of membership organizations for car rental, car sharing, car parking and payment processing services in relation to car parking, rental and sharing.
- Class 16. Newspapers; paper; printed publications; magazines; printed matter; guide books; travel magazines; brochures; newsletters; manuals; catalogues; articles, columns and written/published articles contained and/or supplied in or by print media; periodicals; books; reference books; supplements; puzzle books, calendars; photographs; posters; drawings; stickers; stationery; adhesives for stationery or household purposes.
- Class 18. Luggage tags; bags; tote bags; umbrellas, parasols, walking sticks; trunks, travelling bags, articles of luggage; cases; purses; haversacks; pocket wallets, personal organisers, note holders, all made from leather or imitation leather.
- Class 35. Providing information in the nature of price comparison rating of travel and accommodation; providing travel and hotel rate comparison information; customer loyalty services and customer club services for commercial, promotional and/or advertising purposes; conducting, organisation, operation, advertising, promotion and supervision of customer loyalty, bonus, discount, reward, affinity and incentive programs for commercial promotion and for advertising purposes; customer loyalty and membership schemes; loyalty card services; organisation of promotional incentive and membership schemes; business consulting services in the field of travel and travel planning; advertising services, namely, promoting and marketing the goods and services of others via electronic communication networks; promotion and advertising of travel; the bringing together, for the benefit of others, of a variety of newspapers, magazines, periodicals, books, calendars, photographs, posters, playing cards, clothing, footwear, headgear, music, films, games, cameras, food, wine, other alcoholic beverages, enabling customers to conveniently view and purchase those goods from an online retail store or by means of an Internet website; online retail services connected with the sale of newspapers, magazines, periodicals, books, calendars, photographs, posters, puzzles, puzzle books, arts and craft materials, stationery; information, consultancy and advisory in

	relation to all the foregoing; none of the aforesaid goods offered in the provision of car rental, car sharing, car parking services, or payment processing services in relation to car parking, rental and sharing, or for the management and administration of membership organizations for car rental, car sharing, car parking and payment processing services in relation to car parking, rental and sharing.		membership organizations for car rental, car sharing, car parking and payment processing services in relation to car parking, rental and sharing.
Class 39.	Providing information in the field of travel and travel planning via a website; transport; travel advice; provision of information relating to travel routes; travel arrangement; providing travel and tourism information via the internet; preparation and provision of information in relation to tourism, travel, transport and travel arrangements; travel agency services for arranging travel; travel guide and travel information services; organising, arranging and booking of transport, travel, and tours; booking of tickets for travel and travel tours; package holiday services for arranging travel; travel arrangement and reservation services; travel and tour ticket reservation service; arranging and booking of travel, excursions and tours as part of package holidays; information, consultancy and advisory in relation to all the foregoing; none of the aforesaid goods offered in the provision of car rental, car sharing, car parking services, or payment processing services in relation to car parking, rental and sharing, or for the management and administration of	Class 41.	Entertainment; services for the publication of travel guides; providing non-downloadable electronic publications; publication of online (non-downloadable) guide books, travel maps, city directories and listings for use by travellers; publication of electronic books and journals on-line; provision of information relating to entertainment, art education, current events, political, sporting or cultural activities; providing information about entertainment activities, and making reservations and bookings for entertainment events; provision of news and information relating to travel, motor sports, entertainment, art education, current events, fitness and cultural activities, recreation, theatre, television and music; events services, namely organising and hosting cultural, recreational, musical, and sporting activities; organisation of events for cultural, entertainment and sporting purposes; entertainment services in the nature of arranging social entertainment events; video production; production of shows and radio and television programmes; information, consultancy and advisory in relation to all the foregoing.
		Class 43.	Providing travel lodging information services and travel lodging booking agency services for travellers; holiday accommodation services;

provision of information relating to holiday accomodation; arrangement of holiday accomodation; booking and reservation services for holiday accommodation and restaurants; providing accommodation information, namely ratings, reviews and recommendations of hotel and temporary housing accommodations; travel agency services for arranging and booking accommodation; information, consultancy and advisory in relation to all the foregoing.

Times Media Limited, 1 London Bridge Street, London SE1 9GF, United Kingdom. Address for service is c/o Patricia McGovern, 38/39 Fitzwilliam Square, Dublin D02NX53, Ireland.

NEOFLOW

272925 30 January 2023

Class 10. Medical apparatus and equipment; surgical apparatus and equipment; respiratory apparatus and equipment; resuscitation apparatus and equipment; medical masks and prongs for use with respiratory and/or resuscitation apparatus and equipment; medical and/or surgical ventilation apparatus and equipment; medical and/or surgical ventilator circuits; nasal cannula; medical prongs; medical bonnets;

oxygen therapy apparatus and equipment; all of the aforementioned being for or relating to neonatal medical and surgical care and treatment; parts and fittings for the aforesaid goods.

ARMSTRONG MEDICAL LIMITED, Wattstown Business Park, Newbridge Road, Coleraine, BT52 1BS, Northern Ireland, United Kingdom. Address for service is c/o MURGITROYD & COMPANY, 2nd Floor 57 Adelaide Road, Dublin Dublin D02 Y3C6, Ireland.



272926 17 May 2022

Class 29. preserved, dried and cooked fruits and vegetables; edible nuts; processed nuts; processed edible seeds; nut-based food bars; mixtures of fruit and nuts; Potato chips; potato crisps; potato-based snack foods; soy-based snack foods; soy chips; fruit-based snack food; fruit chips; yucca

chips; puffed pork rind; vegetable spreads; vegetable-based snack foods and chips; ready to eat snack foods consisting primarily of potatoes and chips, nuts, nut products, seeds, fruits, vegetables or combinations thereof; legume-based snacks and spreads.

- Class 30. processed grains; snack food products made from cereal flour; snack food products made from potato flour; snack food products made from rice flour; crackers; taco chips; tortilla chips; flour-based chips; grain-based chips; cereal-based snack food; cereal based food bars; cereal bars and energy bars; rice-based snack food; rice chips; rice crisps; rice crackers; puffed rice; cakes (rice-); snack foods made from corn; processed corn; popcorn; roasted corn; puffed corn snacks; maize-based snack products; extruded snacks containing maize; poppadoms; pretzels; cereal seeds, processed; snack bars containing a mixture of grains, nuts and dried fruit [confectionery]; ready to eat snack foods consisting primarily of grains, corn, cereal or combinations thereof.

PEPSICO, INC., 700 Anderson Hill Road, Purchase, New York 10577-1444, United States of America. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.

**LIVIANNA IRISH
WHISKEY**

272927 03 May 2025

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

Joanne Kangley, Rakeevan, Bailieborough, Cavan A82Y727, Ireland. Address for service is c/o Joanne Kangley, Rakeevan, Bailieborough, Cavan A82Y727, Ireland.



272928 16 March 2022

- Class 29. preserved, dried and cooked fruits and vegetables; edible nuts; processed nuts; processed edible seeds; nut-based food bars; mixtures of fruit and nuts; Potato chips; potato crisps; potato-based snack foods; soy-based snack foods; soy chips; fruit-based snack food; fruit chips; yucca chips; puffed pork rind; vegetable spreads; vegetable-based snack foods and chips; ready to eat snack foods consisting primarily of potatoes and chips, nuts, nut products, seeds, fruits,

- vegetables or combinations thereof; legume-based snacks and spreads.
- Class 30. processed grains; snack food products made from cereal flour; snack food products made from potato flour; snack food products made from rice flour; crackers; taco chips; tortilla chips; flour-based chips; grain-based chips; cereal-based snack food; cereal based food bars; cereal bars and energy bars; rice-based snack food; rice chips; rice crisps; rice crackers; puffed rice; cakes (rice-); snack foods made from corn; processed corn; popcorn; roasted corn; puffed corn snacks; maize-based snack products; extruded snacks containing maize; poppadoms; pretzels; cereal seeds, processed; snack bars containing a mixture of grains, nuts and dried fruit [confectionery]; ready to eat snack foods consisting primarily of grains, corn, cereal or combinations thereof.

PEPSICO, INC., 700 Anderson Hill Road, Purchase, New York 10577-1444, United States of America.
Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.



272929 30 April 2025

- Class 2. Vehicle refinishes [paints]; Coatings in the nature of paints for use on vehicles; Coatings in the nature of paints for use in the automotive industry; Undersealing preparations for use on the chassis of vehicles [paints and oil]; Undercoating preparations for use on the chassis of vehicles [paints and oil]; Paints for car refinishing; Automotive undercoat compounds; Automotive paints; Automotive enamels; Clear protective coatings for vehicles; Rust inhibiting preparations in the nature of a coating for use on vehicles.
- Class 37. Vehicle painting; Painting of motor vehicles; Automotive refinishing; Maintenance or repair of automotive vehicles; Vehicle repair services; Motor vehicle repair; Vehicle repair consultancy; Vehicle maintenance and repair; Emergency vehicle repair services; Vehicle upholstery and repair services; Motor vehicle maintenance and repair; Motor vehicle repair and maintenance services; Advisory services relating to vehicle repair; Inspection of vehicles prior to repair.

Synergy Vehicle Refinishing Solutions Ireland Limited, Upper Rock Street, Tralee, Kerry, Ireland.
Address for service is c/o Michael Lucey, PurdyLucey Intellectual Property, 23 Ely Place, Dublin 2 D02 N285, Ireland.

VOYA

272930 15 April 2025

Class 3. Perfumery; essential oils and aromatherapy oils; dentifrices; cosmetics; shower gels, soaps for personal use, face creams, body lotions, body scrubs, body wraps for cosmetics purposes, face masks for cosmetic purposes, bath salts.

Class 44. Seaweed bath services; health farm services; health spa services; hygienic and beauty care services for human beings; beauty therapy treatments; aromatherapy services; massage services; information and advisory services in relation to the aforesaid.

Celtic Seaweed Bath Products Limited, Finisklin Business Park, Sligo, Co. Sligo F91 A2PF, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.

The application for registration is proceeding with the consent of the Proprietor of Registered Irish Trade Mark No 254342.

OpenHisto

272931 27 April 2025

Class 9. Workflow management system software; Computer software relating to the medical field.

Class 42. Software as a service [SaaS]; Platform as a Service [PaaS];

Software development; Development and design of mobile applications.

Paul Kenny McGrath, 51 BRACKEN ROAD, SANDYFORD BUSINESS PARK, DUBLIN 18 D18 CV48, Ireland. Address for service is c/o Paul Kenny McGrath, 51 BRACKEN ROAD, SANDYFORD BUSINESS PARK, DUBLIN 18 D18 CV48, Ireland.

WORKING CAPITAL THAT ACTUALLY WORKS

272932 13 December 2024

Class 36. Financing services; Factoring agency services; Factoring agency services, namely, accounts receivable factoring services; Cash advance services for businesses and merchants; payment processing services in the field of accounts receivable payments; Credit underwriting services.

Class 42. Platform as a service (PAAS) featuring computer software platforms for managing online factoring agency services, for managing commercial financial transaction data, financial account management, managing data operations, financial reporting, managing accounting features, managing credit information, managing invoice advances, providing loan assistance and related reference information in the field of accounts receivable payments;

Software as a service (SAAS) services featuring analytics software and software for electronic fund transfer, processing credit and debit card payments, and processing electronic check transactions and for providing online underwriting services.

Pipe Technologies Inc., 548 Market St., PMB 93796, San Francisco, California, 94101, United States of America. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland.



Application is for a Series of 2 Trade Marks.

272933 31 March 2025

- Class 17. Insulation sheets; composite panels having insulating properties; preformed insulation components.
- Class 19. Building panels; laminated building panels; preformed building panels; building materials, in particular for constructing houses and prefabricated houses; non-metallic transportable houses and buildings; non-metallic transportable prefabricated houses; prefabricated components for prefabricated houses; non-metallic

prefabricated garages and transportable swimming pool buildings; windows, doors, staircases, floor and wall coverings; balcony panelling; prefabricated chimneys; roofing and roof coverings; summer houses; all the aforesaid goods not of metal; timber, at least semi-worked, in particular beams, boards and panels; natural and artificial stone; modular building units (non-metallic); modular non-metallic structures; modular portable building structures [non-metallic]; modular portable building units of non-metallic materials for construction into relocatable buildings; modular portable buildings (non-metallic); modular prefabricated building units of non-metallic materials for the construction of buildings; modular shelters (non-metallic); modular structural units, not of metal, for the construction of prefabricated buildings; modular units (non-metallic) for constructing prefabricated buildings; modular units (non-metallic) for constructing relocatable buildings; modular wall panelling of non-metallic materials; prefabricated relocatable buildings (non-metallic) constructed in modular units; ready mountable building parts; windows; skylights; window frames and sections; glass; insulating glass and window glass; roof materials and roof elements; parts and fittings for all the aforesaid goods.

LF Fasthouse Ltd, 99 Dowland Road, Limavady BT49 0HR, United Kingdom. Address for service is c/o SUZANNE KOSTON, c/o Hanna IP, Block B, The Crescent Building, Northwood, Santry, Dublin 9, D09 C6X8, Ireland.

FREEFORM

272934 05 November 2022

Class 9. Downloadable computer software for facilitating realtime collaboration, for jointly creating, sharing, viewing, displaying, editing, annotating, storing, and distributing photos, images, graphics, documents, presentations, data, videos, and multimedia content; downloadable computer software for creating, sharing, viewing, displaying, editing, annotating, storing, and distributing photos, images, graphics, documents, presentations, data, videos, and multimedia content; downloadable computer programs for word processing, not including software for automatic optical character recognition and digital image processing.

APPLE INC., One Apple Park Way, Cupertino, California 95014, United States of America. Address for service is c/o MACLACHLAN & DONALDSON (IRELAND) LIMITED, trading as MACLACHLAN & DONALDSON, Unit 10, 4075 Kingswood Road, Citywest Business Campus, Dublin 24 D24 C56E, Ireland.

FREEFORM

272935 07 November 2022

Class 42. Providing online non-downloadable software for facilitating realtime collaboration, for jointly creating, sharing, viewing, displaying, editing, annotating, storing, and distributing photos, images, graphics, documents, presentations, data, videos, and multimedia content, and for communicating via text and video regarding the collaboration process and jointly-created content; providing online non-downloadable software for creating, sharing, viewing, displaying, editing, annotating, storing, and distributing photos, images, graphics, documents, presentations, data, videos, and multimedia content; providing online non-downloadable computer programs for word processing, not including software for automatic optical character recognition and digital image processing.

APPLE INC., One Apple Park Way, Cupertino, California 95014, United States of America. Address for service is c/o MACLACHLAN & DONALDSON (IRELAND) LIMITED, trading as MACLACHLAN & DONALDSON, Unit 10, 4075 Kingswood Road, Citywest Business Campus, Dublin 24 D24 C56E, Ireland.

Ally Paddy

272936 22 April 2025

Class 41. Entertainment, education and instruction services; Organisation of conferences, exhibitions and competitions; Arranging and conducting of seminars and workshops; Writing and publishing of texts, other than publicity texts; Organisation of entertainment and cultural events; Organisation of educational events; Organisation of sporting competitions and sports events; Organisation of events for cultural, entertainment and sporting purposes; Ticket reservation and booking services for cultural events; Ticket reservation and booking services for entertainment events; Ticket reservation and booking services for sporting events; Entertainment information services; Party planning services; Party planning consultation.

Big Fish Promotions Ltd, Castlematrix, Rathkeale V94A3PR, Ireland. Address for service is c/o Trama Legal s.r.o., Bottova 2A, 811 09 Bratislava, Slovakia.

VUORI VILLA

272937 28 November 2024

Class 25. Clothing and apparel, namely, shirts, t-shirts, polo shirts, button down shirts, collared shirts, dress shirts, henley shirts, woven shirts, flannel shirts, open-necked shirts, moisture-wicking sports shirts, yoga shirts, graphic t-shirts, athletic shirts, over shirts, long sleeved t-shirts, long sleeved pullovers, tank-tops, crew neck sweaters, crew neck sweaters, athletic sweaters, jackets, rain jackets, windbreakers, hoodies, pullover hooded sweatshirts, sweatshirts, sweaters, outer-clothing in the nature of outer jackets, outer pants, outer shorts, outer shirts, and outer leggings, outerwear jackets, light weight jackets, ponchos, jumpers in the nature of dresses and coveralls, pullovers, jogging outfits, shorts, board shorts, sliding shorts, walking shorts, sweat shorts, athletic shorts, pants, jogging pants, athletic pants, gym pants, moisture-wicking pants, stretch pants, lounge pants, wind pants, sweat pants, capri pants, yoga pants, dresses, skirts, leggings, leg warmers, tights, athletic tights, bras, sports bras, woman's athletic tops with built-in bras, moisture wicking sports-bras, swim wear, bathing suits, swim suits, swim trunks, headwear, hats, caps, and top hats.

VUORI, INC., 5600 Avenida Encinas, Carlsbad California 92008, United States of America. Address for service is c/o ABION IRELAND LIMITED, 2 Dublin Landings, North Wall Quay, Dublin 1, Ireland.



272938 09 May 2025

- Class 25. School uniforms; clothing; coats; sports jackets; shirts; sweat shirts; sports clothing; sports bibs; socks; headgear; footwear; swimming suits; swimming caps.
- Class 41. School services; educational services; secondary school educational services; provision of training and cultural activities; provision of educational, instructional and training courses; organisation and conducting of after-school groups for education, entertainment or recreational purposes; organisation and conducting of homework clubs and academic monitoring for children; provision of homework assistance; design of and setting standards for educational courses, examinations and qualifications; conducting of educational courses; provision of educational examinations and tests; teaching services; publication of instructional and educational materials; arranging of presentations, award ceremonies, conferences, seminars, demonstrations, displays, exhibitions, competitions, presentations, events and workshops for cultural, educational, sporting or entertainment purposes; provision of courses in

remedial tuition, extra tuition or exam preparation; provision of distance learning facilities; recreational services; entertainment services; sporting activities; sports coaching; sports education services; hire of sports facilities; rental of sports equipment and apparatus; sport camp services; 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 Galway Educate Together Secondary School, Galway Educate Together Secondary School, Newtonsmith, Galway H91 DP11, Ireland. Address for service is c/o Hazel McDwyer, c/o Mason Hayes & Curran LLP, South Bank House, Barrow Street, Dublin D04TR29, Ireland.

Opposition(s) under Section 43 of the 1996 Act

- 272318** Brent Raynor. Opposition filed 05 August 2025
- 272533** Coillte CGA. Opposition filed 28 July 2025
- 272534** Coillte CGA. Opposition filed 28 July 2025
- 272538** Coillte CGA. Opposition filed 28 July 2025
- 271590** Flexera LTD. Opposition withdrawn 05 August 2025

- 271935** Ellen So. Application withdrawn 30 July 2025
- 272205** Meagan Faulkner. Application withdrawn 30 July 2025

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

- 271725** Eileen Roche
271726 Dāha Wellness Ventures Limited
271729 Vera Wade
271733 Steven Colvert
271742 Muhammad Zubair Qureshi
271747 ClearOcean Ltd
271749 CLEANOLOGY SERVICES LIMITED
271750 Harpal Singh
271753 Jordi Gascon Armengol
271757 Pan - Euro Foods Unlimited Company
271758 Claire Fisher
271759 Nathan Clancy
271772 Deasdrinks Limited

Trade Marks Registered under the 1996 Act

- 271639** (2529) Cl. 41. Brenda Fitzpatrick Hennessy
271888 (2534) Cl. 25 39 41 43. Howth Yacht Club Company Limited by Guarantee
271999 (2537) Cl. 39. O' Connor Autotours Ltd
272024 (2537) Cl. 43. KSG Catering Limited
272053 (2538) Cl. 9 37 42. C G Controls Limited
272058 (2538) Cl. 14 35. Zoe Victoria Limited
272074 (2538) Cl. 18. Hope Hayes
272076 (2538) Cl. 41. Sinead Madden
272093 (2538) Cl. 9 35 38 41. Sky UK Limited
272094 (2538) Cl. 32 33. SHS Drinks Limited
272119 (2538) Cl. 45. Omega Private Investigation
272136 (2539) Cl. 39 40. RECOLOGY INC.
272154 (2539) Cl. 32. Britvic Ireland Limited
272174 (2539) Cl. 37. Solid Insulation Systems Ireland limited
272181 (2539) Cl. 35 43. JustTip Technologies Limited
272186 (2539) Cl. 16 28 35. Garlanna Limited

- 272190** (2539) Cl. 9 35 36 43. JustTip Technologies Limited
272211 (2539) Cl. 9 16 25 41 44 45. Arianna Olivieri
272220 (2539) Cl. 9 16 29 30 31 35 39 41 43 44. Miles-Bramwell Executive Services Limited
272221 (2539) Cl. 9 16 29 30 31 35 39 41 43 44. Miles-Bramwell Executive Services Limited
272222 (2539) Cl. 9 16 29 30 31 35 39 41 43 44. Miles-Bramwell Executive Services Limited
272240 (2540) Cl. 41 43. JJ Mulcahy
272245 (2540) Cl. 25. Mc Ivor Shirtmakers (1992) Ltd
272247 (2540) Cl. 25. Ivan Mc Ivor
272250 (2540) Cl. 41 43. MAGCAS Ltd
272252 (2540) Cl. 1. Elastochem Specialty Chemicals Inc.
272265 (2540) Cl. 14 25 35. Fada Jewellery Limited
272266 (2540) Cl. 41. John O'Brien
272267 (2540) Cl. 35 37 42. Autodesk, Inc.
272275 (2540) Cl. 9 42 44. YUELAI XIN
272279 (2540) Cl. 44. The Sauna Snugg Limited
272283 (2540) Cl. 5. Gilead Sciences Ireland UC
272284 (2540) Cl. 5. Gilead Sciences Ireland UC
272285 (2540) Cl. 5. Gilead Sciences Ireland UC
272286 (2540) Cl. 5. Gilead Sciences Ireland UC
272287 (2540) Cl. 5. Gilead Sciences Ireland UC
272288 (2540) Cl. 5. Gilead Sciences Ireland UC
272289 (2540) Cl. 5. Gilead Sciences Ireland UC
272291 (2540) Cl. 36. Philip Southwell
272293 (2540) Cl. 32. Marks and Spencer plc
272294 (2540) Cl. 35 45. Peninsula Business Services (Ireland) Limited
272296 (2540) Cl. 14 35. Zoe Victoria Limited
272299 (2540) Cl. 42. SM FACILITIES MANAGEMENT LIMITED
272304 (2540) Cl. 41 44. Nua Healthcare Services

Renewal of Registrations Under Section 48 of the 1996 Act

- 47373** Cl. 33. Irish Distillers International Limited
47376 Cl. 33. RINGTAIL INTERNATIONAL INC.
48034 Cl. 33. Anora Denmark Spirits A/S
48083 Cl. 28. SPIN MASTER LIMITED
65472 Cl. 28. SLAZENGERS LIMITED
66117 Cl. 1. REVERTEX CHEMICALS LIMITED

66118	Cl. 2. REVERTEX CHEMICALS LIMITED	233949	Cl. 5. Bayer Consumer Care AG
66480	Cl. 11. Solventum Intellectual Properties Company	240502	Cl. 9, Cl. 36, Cl. 38, Cl. 42. MASTERCARD INTERNATIONAL INCORPORATED
66573	Cl. 16. Sanford, L.P.	252328	Cl. 29. Kerry Group Services International Limited
68731	Cl. 30. AJINOMOTO KABUSHIKI KAISHA	253526	Cl. 41. Cherrycool Ltd
76894	Cl. 32. THE COCA-COLA COMPANY	253690	Cl. 41. Irish Distillers International Limited
77049	Cl. 4. SUNOCO OVERSEAS, INC.	253709	Cl. 43. MARCEL POLA'K
77236	Cl. 2. BATTLE HAYWARD & BOWER LIMITED	253771	Cl. 32. Lidl Stiftung & Co. KG
77403	Cl. 2. Clariant Produkte (Deutschland) GmbH	253877	Cl. 9, Cl. 16, Cl. 35, Cl. 41. Odeon Cinemas Holdings Limited
77586	Cl. 3, Cl. 4, Cl. 5, Cl. 16, Cl. 29, Cl. 30, Cl. 31, Cl. 32. MUSGRAVE LIMITED	253878	Cl. 41. HORRORTHON
78221	Cl. 32. THE COCA-COLA COMPANY	254077	Cl. 29, Cl. 31. Kestrel Foods Limited
78706	Cl. 24. Burlington Industries LLC	254115	Cl. 29, Cl. 31. Musgrave Limited
78707	Cl. 25. Burlington Industries LLC	254223	Cl. 30. TED INVESTMENTS
113266	Cl. 12. HYUNDAI MOTOR COMPANY	254277	Cl. 9, Cl. 37, Cl. 45. PhoneWatch Limited
113371	Cl. 29. NATIONAL FOOD IMPORTS LIMITED	254324	Cl. 41, Cl. 42. CyberSafeIreland CLG
113456	Cl. 6. DIY Element System GmbH	254404	Cl. 29, Cl. 30. BERNARD MATTHEWS FOODS LIMITED
114155	Cl. 25. CHANEL LIMITED	254493	Cl. 5. Phoenix Labs Unlimited Company
114538	Cl. 3. adidas AG	254939	Cl. 29. LacPatrick Co-operative Society Limited
114820	Cl. 16. CANON KABUSHIKI KAISHA	255245	Cl. 9, Cl. 16, Cl. 35, Cl. 38, Cl. 41, Cl. 42. Politico LLC
115292	Cl. 3. adidas AG	255266	Cl. 9, Cl. 16, Cl. 35, Cl. 38, Cl. 41, Cl. 42. Politico LLC
115816	Cl. 7. Rolls-Royce plc.	258104	Cl. 36. CFA Institute
116274	Cl. 21. Mapa Spontex UK Limited	258327	Cl. 5. Phoenix Labs Unlimited Company
134785	Cl. 9. Kabushiki Kaisha D & M Holdings (also trading as D & M Inc.)		
232450	Cl. 11. Bath & Body Works Brand Management, Inc		
232481	Cl. 21. MEYER MANUFACTURING COMPANY LIMITED		
232492	Cl. 35. SIMON HART LIMITED		
232540	Cl. 28. KIMBERLY-CLARK WORLDWIDE, INC.		
232577	Cl. 21, Cl. 43. BRIAN CONROY		
232801	Cl. 7, Cl. 12. DOOSAN CORPORATION		
232818	Cl. 32. THE COCA-COLA COMPANY		
232880	Cl. 5, Cl. 10, Cl. 44. DR. EDWARD G. OWENS		
232933	Cl. 11. PASECO CO., LTD.		
233034	Cl. 29. BEL (Société anonyme)		
233267	Cl. 3, Cl. 5, Cl. 29. DOMINIC GALVIN		
233633	Cl. 9, Cl. 36. Cardtronics USA, INC		
233634	Cl. 9, Cl. 36. Cardtronics USA, INC		
233663	Cl. 5. SPATONE LIMITED		
233851	Cl. 1, Cl. 6, Cl. 7, Cl. 8, Cl. 20. JOHN MURPHY (CASTLEREA) LIMITED		
233871	Cl. 6. Etex Ireland Limited		

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

271455 Class 6, 7, 9. Kingspan Holdings (IRL) Limited. Surrender in respect of all goods.

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.

BROADGATE SEARCH

1689900 24/08/2022

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: 26 April 2022 United Kingdom

Trinnovo Group Ltd, 16 St John's Lane, London EC1M 4BS, United Kingdom

Notings: The request for protection is proceeding based on honest concurrent use with European Union Trade Mark No 15238934.

Representative: ip21 Limited, Central Formalities Department, Suite

Address for service:

2, The Old Dairy, Elm Farm Business Park, Wymondham, Norwich, Norfolk NR18 0SW, United Kingdom

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

LIVIA

1751270 23/06/2023

Class 9. Mobile (application) software for tenants; building management software (residential management software); charging stations for electric vehicles; software for optimizing and controlling electrical loads from devices, including electric vehicle charging stations, heat pumps, and storage systems; energy control devices; electric control devices for energy management; apparatus for monitoring electrical energy consumption.

Class 36. Rental of houses; accommodation bureau services [apartments]; housing management; real estate management services relating to building complexes; residential real estate agency services; real estate services related to management of property investments; residential investment advice; apartment house management; insurance brokerage; consultancy services relating to insurance; underwriting of insurance

- (services for the -); consultancy concerning financing of energy projects.
- Class 42. SaaS and PaaS regarding rental of houses and real estate; SaaS and PaaS regarding charging stations for electric vehicles, heat pumps and storage systems; design and development of energy management software; professional consultancy relating to energy efficiency in buildings; consultancy in the field of energy-saving.

Priority Date Claimed: 25 January 2023 Benelux
OCP Asset Management B.V., Generaal Vetterstraat
74, NL-1059 BW Amsterdam, The Netherlands

Notings: The request for protection is proceeding with the consent of the proprietors of Registered EUTM No 012017745.

Representative: Knijff Trademark Attorneys,
Leeuwendseweg 12, NL-1382 LX Weesp, The Netherlands

Address for service: MASON HAYES & CURRAN
LLP, South Bank House,
Barrow Street, Dublin 4, D04 TR29, Ireland

AVIVA WEALTH

1841977 22/10/2024

- Class 9. Computer software and computer application software relating to finance, insurance, pensions and investments, banking and bank account services, the handling of financial transactions and financial

savings; financial management software and financial management application software; computer software to allow customers to access bank and savings account information and transact bank business; computer chatbot software for use in relation to finance, insurance, pensions and investments; software for the integration of artificial intelligence and machine learning in the field of Big Data; electronic publications; cash cards, bank cards, credit cards, debit cards, multifunction cards for financial services.

- Class 35. Business consultancy, advisory and management services relating to finance, insurance, pensions and investments; business risk consultancy and advisory services; compilation of information into computer databases; provision of commercial business information by means of a computer database; business services relating to co-ordination and management of medical, rehabilitation and health support services; human resources management being the provision and administration of a scheme relating to managing employee/workplace absence; business, administration and management services relating to managing employee/workplace absence; human resources management being absence management services; organisation, operation, administration and management of customer loyalty programmes and schemes; organisation, operation, administration and management of incentive

programmes and schemes and bonus and reward programmes and schemes; organisation, operation, administration and management of sales and promotional incentive schemes and programmes; negotiating preferential discounts on third party goods and services on behalf of customers in the context of customer loyalty programmes and schemes and promotional incentive programmes and schemes; administration, provision and organisation of a scheme enabling participants to access exclusive or discounted benefits, goods and services; business information and business data services, namely analysing data and information to provide insight and understanding into the behaviour of consumers and businesses, to categorise and predict consumer behaviour, for consumer targeting and profiling purposes and for the prediction of consumer preferences and behaviours; information and data analysis in the field of consumer and business profiling and prediction of consumer preferences and behaviours; business intelligence services; provision of business and commercial data and information; business and commercial data processing, searching, evaluation, verification, management and analysis services; market research data analysis; the bringing together, for the benefit of others, of a variety of services namely cash and savings account services, credit card services, insurance services, investment services, financial services, payment services, currency conversion services, enabling consumers

to conveniently compare and purchase those products/services; provision of online financial and insurance services comparisons; provision of statements of account; financial records management; provision of online financial records management; loyalty card services; information, consultancy and advisory services in connection with all of the aforesaid.

Class 36. Insurance and financial services; assurance services; reinsurance services; insurance administration services; administration, processing and financial management of insurance claims; administration of financial affairs; investment services; savings services; banking and bank account services; cash management services; preparation and analysis of financial reports; financial analysis and research services; financial transaction services; financial analysis and research services including in the field of personal savings and personal banking; credit card services; electronic banking services; electronic payment card services; issuance of stored value cards; electronic purse payment services; electronic funds transfer services; electronic payment services; cash disbursement services; credit services; administration of saving accounts; loan services; loan financing; arranging loans; fund and securities investment services; fund management services; management of investments; pension investment management; pension fund investment management; administration of investment funds; pension

services; pension planning services; pension fund administration and management; pension scheme services; asset management services; securities and assets brokerage; financial management services; financial planning services; personal financial planning services; financial planning for retirement; financial advisory services relating to retirement plans; monitoring of financial portfolios; issuing of tokens of value in relation to customer loyalty schemes; issuing of tokens of value as part of a customer membership scheme; issuing of tokens of value as a reward for customer loyalty; provision of data and information in the field of finance, insurance, pensions and investments; information, consultancy and advisory services in connection with all the aforesaid.

- Class 42. Software as a service and providing use of temporary on-line non-downloadable software for use as an application programming interface relating to finance, insurance, pensions and investments, banking and bank account services, the handling of financial transactions, financial savings, financial management, and to allow customers to access bank and savings account information and transact bank business; hosting of an online website for the provision of financial, banking, savings and payment services; information, consultancy and advisory services in connection with all of the aforesaid.

Priority Date Claimed: 23 April 2024 United Kingdom

Aviva Life Holdings UK Limited, Aviva, Wellington Row, York North Yorkshire YO90 1WR, United Kingdom

Notings: The request for protection is proceeding with the consent of the proprietors of International Registration No. 976384 and European Union Trade Mark Registration No. 015760085.

Representative: Venner Shipley LLP, 200 Aldersgate, London EC1A 4HD, United Kingdom

Address for service: FRKelly, Waterways House, Grand Canal Quay, Dublin D02 PD39, Ireland

AGODA

1846486 18/12/2024

- Class 9. Computer software applications, downloadable; downloadable digital files authenticated by non-fungible tokens [NFTs]; downloadable audio files authenticated by non-fungible tokens [NFTs]; downloadable music files authenticated by non-fungible tokens [NFTs]; downloadable video files authenticated by non-fungible tokens [NFTs]; cards bearing data for use in computers; computer software for converting document images into electronic formats; computer software for organizing and viewing digital images and photographs; computer software for processing digital music files; computer software for processing

	digital images; computer software platforms, recorded or downloadable; data recorded in computer accessible form; data storage media for recording computer programs; computer software for encryption; self-synchronizing digital encryptors; security tokens [encryption devices]; downloadable computer software for managing crypto asset transactions using blockchain technology; apparatus for the validation of monetary credit values in encoded cards; data encoding apparatus; labels carrying magnetically, optically, or electronically recorded or encoded information; programs written on data carriers for processing encoded data on computers; apparatus for converting digital values into graphic information; computer programs stored in digital form; digital data transmission apparatus; digitally stored images; downloadable digital wallets; downloadable computer software for use as a digital wallet; downloadable virtual wallets; downloadable e-wallets; downloadable computer software for facilitating payment transactions by electronic means; downloadable payment application software for mobile phones.	services in the field of travel; sales promotion through the administration of customer loyalty coupons; sales promotions by issuing redeemable coupons for others; provision of an online marketplace for buyers and sellers of goods authenticated by non-fungible tokens [nfts] using blockchain technology; commercial information services provided by access to a computer database; database marketing; computerised database management; market research by means of a computer database; business data research; consultancy relating to search engine optimisation; search engine optimisation for promoting the websites of others; providing a searchable online advertising guide featuring the goods and services of online vendors; administrative processing of orders; data processing; compilation and systemization of information into computer databases; database management; business information services; commercial information and advice for consumers in the choice of products and services; providing commercial information and advice for consumers in the choice of products and services; online ordering services for others; procurement services for others [purchasing goods and services for other businesses]; providing commercial information via websites; price analysis services; price comparison services; organisation and administration services in relation to the supply of benefits for customer loyalty and frequent buyer or frequent flyer schemes;
Class 35.	Advertising, marketing and promotion services; advertising for others on the internet; advertising services in the field of tourism and travel; promotion [advertising] of travel; advertising relating to transport and delivery; business management consultancy in the field of corporate travel; marketing	

	administration of loyalty programmes involving discounts or incentives; organisation of customer loyalty programs for commercial, promotional or advertising purposes; sales promotion through customer loyalty programmes; promoting the goods and services of others by means of a loyalty rewards card scheme; providing user reviews for commercial or advertising purposes; conducting of commercial events; event management services [organisation of exhibitions or trade fairs for commercial or advertising purposes]; promotion of goods and services through sponsorship of sports events; promotion of goods and services through sponsorship of entertainment events; organization of exhibitions for commercial or advertising purposes; promotion services for the sale of third-party goods and services by means of value-added offers in connection with payment card use; tourism promotion for others.	payment processing services; exchanging money; electronic funds transfer; processing of credit card payments; processing of debit card payments; travelers' check issuance; issuing stored value cards for use as electronic travel tickets; consultancy and brokerage services relating to travel insurance; issuing of vouchers or tokens of value in relation to the supply of benefits for customer loyalty and frequent buyer schemes; providing rebates for credit card use as part of a customer loyalty program.
Class 36.	Financial, monetary and banking services; online banking services rendered in virtual environments; insurance services; travel insurance services; advisory services relating to custom duties; electronic commerce payment services; electronic processing of electronic payments via a global computer network; processing payments for the purchase of goods and services via an electronic communications network; providing purchase protection insurance for goods purchased using credit cards; e-wallet payment services; financial transaction services;	Class 39. Advisory services relating to travel; advisory services relating to transportation; agency services for arranging travel; arrangement of travel; arrangement of travel to and from hotels; ferry-boat transport; agency services for arranging transportation; agency services for the arranging of transportation for travel tours; arrangement of excursions; arrangement of transportation; arranging and booking of travel for package holidays; booking agency services for travel; booking of air tickets; computerised reservation services for travel; consultancy for travel; computerised transport information services; holiday travel reservation services; hire of vehicles; information services relating to travel; itinerary travel advice services; organization of travel; organizing transport for travelers; planning and booking of airline travel, via electronic means; planning and booking of travel and transport, via electronic means; providing information about booking business travel, via the internet; providing information about

	travel, via the internet; providing information relating to airline travel, via electronic means; providing information relating to the planning and booking of travel and transport, via electronic means; providing online information relating to travel; providing transport and travel information via mobile telecommunications apparatus and devices; providing travel information via global computer networks; provision of travel services from customer loyalty and frequent buyer schemes; provision of tourist travel information; rental of vehicles for transportation; rental of chauffeur driven cars; piloting; rental of transportation vehicles; rental of traveling trunks; rental of storage facilities; providing information relating to freight brokerage; providing information about fares, timetables and methods of transport for goods and people; providing information relating to the transport of goods; providing tourist travel information; reservation services for travel; reservation services for transportation; ticket agency services [travel]; tourist agency services [travel]; tourist travel reservation services; travel consultancy and information services; arranging of cruises; arranging of travel visas; baggage check-in services; booking and arranging of access to airport lounges; freight services; limousine services; organization of excursions; rental of navigational systems.	booking services for cultural events; ticket reservation and booking services for educational events; ticket reservation and booking services for entertainment events; entertainment, cultural or sporting event booking or reservation services provided in relation to a customer loyalty or frequent buyer scheme; electronic publication of information on a wide range of topics, including online and over a global computer network; information about entertainment and entertainment events provided via online networks and the internet; information about leisure activities; providing information about sporting activities; providing information, including online, about education, training, entertainment, sporting and cultural activities; publication of newsletters; publication of travel guides; hospitality services [entertainment]; tourist guide services [conducting of guided tours]; publishing of reviews; providing user reviews for entertainment or cultural purposes; providing user ratings for entertainment or cultural purposes; interpretation and translation services; fitness training; sports training; online gaming services.
Class 41.	Arranging for ticket reservations for shows and other entertainment events; ticket reservation and	Class 42. Hosting of platforms on the internet; creating an online community in the form of a website for registered users to participate in discussions and get feedback from their peers; hosting an online website for creating and hosting micro websites for businesses; hosting computer sites [websites]; website hosting services; computer security services [design and

	development of secure computer hardware, software and systems]; design and development of computer databases; design and development of computer software for data processing; design and development of electronic language translation dictionaries and databases; design and graphic arts design for the creation of web sites; creation and maintenance of websites; development and maintenance of computer database software; website maintenance services; provision of search engine services; design and development of search engines; programming services for search engine optimisation.	
Class 43.	Travel agency services for arranging accommodation; travel agency services for booking temporary accommodation; accommodation finding services for travellers; arrangement of accommodation for travellers; providing travel lodging information services and travel lodging booking agency services for travelers; reservation of accommodation for travellers; reservation of temporary accommodation; agency services for the reservation of temporary accommodation; booking of temporary accommodation via the internet; information services relating to the provision of temporary accommodation; providing information, including online, about services for providing food and drink, and temporary accommodation; provision of information relating to the availability of temporary accommodation; temporary	accommodation [hotels, motels, resorts] booking and reservation services provided in relation to a customer loyalty or frequent buyer scheme; agency services for reservation of restaurants; restaurant services; advisory services relating to catering; arranging for the provision of meals; booking of campground accommodation; café services; charitable services, namely providing temporary accommodation; cocktail lounge services; club services for the provision of food and drink; holiday glamping services [lodging]; providing convention facilities; providing conference rooms; providing facilities for fairs and exhibitions; providing hotel information via a website; providing online information relating to hotel reservations; arranging holiday accommodation; hotel room booking services; room booking; bar services; bar information services; snack-bar services; self-service restaurants; food and drink catering; restaurant reservation services; provision of conference, exhibition and meeting facilities; rental of meeting rooms; rental of conference rooms; rental of function rooms; creche services; pet hotel accommodation services; rating holiday accommodation; providing reviews of hotels; providing reviews of restaurants; providing reviews of bars; arranging and providing temporary accommodation; provision of restaurant booking or reservations from customer loyalty and frequent buyer schemes; providing temporary accommodation as part of hospitality packages;

hospitality services in the nature of provision of food and drink; hospitality services in the nature of provision of temporary accommodation; consultancy, advisory and information services in relation to the provision of food and drink; consultancy and advisory services relating to the provision of temporary accommodation.

Agoda Company Pte Ltd, 36 ROBINSON ROAD, #20-01 CITY HOUSE, SINGAPORE 068877, Singapore

Notings: The request for protection is proceeding with the consent of the proprietors of Registered European Union Trade Mark No:W00847553.

Representative: BIRD & BIRD ATMD LLP, 2 SHENTON WAY, #18-01 SGX CENTRE I, SINGAPORE 068804, Singapore

Address for service: Patricia McGovern, c/o DFMG Solicitors, 38/39 Fitzwilliam Square, Dublin Dublin 2, Ireland

VELENTIUM MEDICAL

1862934 20/05/2025

- Class 40. Contract manufacturing in the field of medical devices, medical diagnostic devices, and therapeutic devices.
- Class 42. Engineering design services; design, engineering, research, development and testing services in the field of medical devices, medical

diagnostic devices, and therapeutic devices.

Priority Date Claimed: 25 November 2024 United States of America

Velentium, LLC, 22316 Grand Corner Drive, Suite 150, Richmond TX 77407, United States of America

Representative: Aly Z. Dossa Chamberlain Hrdlicka, 1200 Smith Street, 14th Floor, Houston TX 77002, United States of America

Registration of this Trade Mark gives no right to the exclusive use of "MEDICAL"



1862999 07/04/2025

- Class 7. Washing machines; juice extractors, electric; meat grinders, electric; dishwashers; blenders, electric; ironing machines / ironing presses; beverage preparation machines; bread cutting machines; brewing machines; clippers; compressors; cutting

machines; drilling machines; electricity generators; elevators; food processors, electric; kitchen machines, electric; lawnmowers; escalators; printing machines; pumps; sewing machines; shredders; vacuum cleaners; washing apparatus; weeding machines; wrapping machines.

Class 9. Computers; mobile phones; projectors; voltage regulators; display monitors; image scanners; computer printers; digital colour copiers; televisions; audio equipment; electronic audio and video apparatus; voltage stabilizers; step-up and step-down transformers; home automation hubs / smart home hubs; amplifiers; camcorders; cameras; facsimile machines; inverters; light-emitting diodes (LED); photocopiers; printers; quantum dot light-emitting diodes (QLED); scanners; smartwatches; video screens.

Class 11. Air conditioners; air purifiers; air fryers; dehumidifiers; electric cookers; electric kettles; electric ovens; freezers; gas stoves; gas ovens; gas burners; refrigerators; deep frying machines; electric coffee makers; evaporative air coolers; electric fans; cold and hot water dispensers, electric; laundry dryers; hair dryers; hand dryers; dish dryers; air dryers; microwave oven [cooking apparatus]; extractor hoods for kitchen; portable beverage coolers; coffee machines; water heaters; air cooling apparatus; air-conditioning apparatus; cooking apparatus and installations; cooling appliances and installations; electric lamps; heating apparatus, electric; refrigerating apparatus and

machines; sterilizers; street lamps.

KAB-FAM GHANA LTD, NO. 88, LAGOS AVENUE, EAST LEGON, ACCRA, P. O. BOX MP 4080, MAMPROBI, ACCRA, Ghana



1863166 27/12/2024

Class 9. Measurement apparatus and equipment including those for scientific, nautical, topographic, meteorologic, industrial and laboratory purposes, thermometers, not for medical purposes, barometers, ammeters, voltmeters, hygrometers, testing apparatus not for medical purposes, telescopes, periscopes, directional compasses, speed indicators, laboratory apparatus, microscopes, magnifying glasses, stills, binoculars, ovens and furnaces for laboratory experiments; apparatus for recording, transmission or reproduction of sound or images, cameras,

photographic cameras, television apparatus, video recorders, CD and DVD players and recorders, MP3 players, computers, desktop computers, tablet computers, wearable technological devices, namely, smartwatches, smart wristbands and head-mounted cameras; microphones, loudspeakers, earphones, telecommunications apparatus, apparatus for the reproduction of sound or images, computer peripheral devices, cell phones, covers for cell phones, telephone apparatus, computer printers, scanners [data processing equipment], photocopiers; magnetic and optical data carriers and computer software and programmes recorded thereto, downloadable and recordable electronic publications, encoded magnetic and optical cards, Movies, tv series and video music clips recorded on magnetic, optical and electronic media; antennas, satellite antennas, amplifiers for antennas, parts of the aforementioned goods; electronic ticket dispensing terminals, automatic teller machines (ATM); electronic components used in the electronic parts of machines and apparatus: semi-conductors, electronic circuits, integrated circuits, chips [integrated circuits], diodes, transistors [electronic], magnetic heads for electronic apparatus, electronic locks, photocells, remote control apparatus for opening and closing doors, optical sensors; counters and quantity indicators for measuring the quantity of consumption, automatic time switches; clothing for protection against accidents,

irradiation and fire, safety vests and life-saving apparatus and equipment; eyeglasses, sunglasses, optical lenses and cases, containers, parts and components thereof; apparatus and instruments for conducting, transforming, accumulating or controlling electricity, electric plugs, junction boxes [electricity], electric switches, circuit breakers, fuses, lighting ballasts, battery starter cables, electrical circuit boards, electric resistances, electric sockets, transformers [electricity], electrical adapters, battery chargers, electric door bells, electric and electronic cables, batteries, electric accumulators, solar panels for production of electricity; alarms and anti-theft alarms, other than for vehicles, electric bells; signalling apparatus and instruments, luminous or mechanical signs for traffic use; fire extinguishing apparatus, fire engines, fire hose and fire hose nozzles; radar apparatus, sonars, night vision apparatus and instruments; decorative magnets; metronomes.

Class 16. Paper and cardboard; paper and cardboard for packaging and wrapping purposes, cardboard boxes; paper towels; toilet paper; paper napkins; plastic materials for packaging and wrapping purposes; printing blocks and types; bookbinding material; printed publications; printed matter; books, magazines, newspapers, bill books, printed dispatch notes, printed vouchers, calendars; posters; photographs [printed]; paintings; stickers [stationery]; postage stamps; stationery, office stationery, instructional and teaching

- material [except furniture and apparatus]; writing and drawing implements; artists' materials; paper products for stationery purposes; adhesives for stationery purposes, pens, pencils, erasers, adhesive tapes for stationery purposes, cardboard cartons [artists' materials], writing paper, copying paper, paper rolls for cash registers, drawing materials, chalkboards, painting pencils, watercolors [paintings]; office requisites; paint rollers and paintbrushes for painting.
- Class 18. Unworked or semi-worked leather and animal skins, imitations of leather, stout leather, leather used for linings; goods made of leather, imitations of leather or other materials, designed for carrying items, included in this class; bags, wallets, boxes and trunks made of leather or stout leather; keycases, trunks [luggage], suitcases; umbrellas; parasols; sun umbrellas; walking sticks; whips; harness; saddlery; stirrups; straps of leather (saddlery).
- Class 28. Games and toys; arcade video game machines; game apparatus and machines for use with an external display screen and monitor, including those coin-operated; toys for animals; toys for outdoor playgrounds, parks and game parks; gymnastic and sporting articles not included in other classes; fishing tackle, artificial fishing bait, decoys for hunting and fishing; artificial Christmas trees, ornaments for Christmas trees, artificial snow for Christmas trees, rattles (playthings), novelties for parties, novelty toys for playing jokes and for parties, paper party hats.
- Class 35. Advertising, marketing and public relations; organization of exhibitions and trade fairs for commercial or advertising purposes; development of advertising concepts; provision of an online marketplace for buyers and sellers of goods and services; office functions; secretarial services; arranging newspaper subscriptions for others; compilation of statistics; rental of office machines; systemization of information into computer databases; telephone answering for unavailable subscribers, business management, business administration and business consultancy; accounting; commercial consultancy services; personnel recruitment, personnel placement, employment agencies, import-export agencies; temporary personnel placement services; auctioneering; the bringing together, for the benefit of others, of a variety of goods, namely (chemicals used in industry, science, photography, agriculture, horticulture and forestry, manures and soils, unprocessed artificial resins and unprocessed plastics, fire extinguishing compositions, adhesives not for medical, household and stationery purposes, paints, varnishes, lacquers, preservatives against rust, preservatives against deterioration of wood, thinners and binders for paints, pigments, preservatives for metals, shoe dyes, printing dyes and ink, toners, colorants for food, pharmaceuticals and beverages, raw natural resins, metals in foil and powder form for painters, decorators, printers and artists, bleaching

and cleaning preparations, detergents other than for use in manufacturing operations and for medical purposes, laundry bleach, fabric softeners for laundry use, stain removers, dishwasher detergents, perfumery, non-medicated cosmetics, fragrances, deodorants for personal use and animals, soaps, dental care preparations, dentifrices, denture polishes, tooth whitening preparations, mouth washes, not for medical purposes, abrasive preparations, emery cloth, sandpaper, pumice stone, abrasive pastes, polishing preparations for leather, vinyl, metal and wood, polishes and creams for leather, vinyl, metal and wood, wax for polishing, industrial oils and greases, cutting fluids, dust absorbing, wetting and binding compositions, solid fuels: coal, firewood, liquid and gas fuels, petrol, diesel oil, liquified petroleum gas, natural gas, fuel oil and their non-chemical additives, candles, wicks, semi-finished wax, wax and paraffin for lighting purposes, electrical energy, pharmaceutical and veterinary preparations for medical purposes, chemical preparations for medical and veterinary purposes, chemical reagents for pharmaceutical and veterinary purposes, medicated cosmetics, dietary supplements for pharmaceutical and veterinary purposes, dietary supplements, nutritional supplements, medical preparations for slimming purposes, food for babies, herbs and herbal beverages adapted for medicinal purposes, dental preparations and articles: teeth filling

material, dental impression material, dental adhesives and material for repairing teeth, sanitary preparations for medical use: hygienic pads, hygienic tampons, plasters, materials for dressings, diapers made of paper and textiles for babies, adults and pets, preparations for destroying vermin, herbicides, fungicides, preparations for destroying rodents, deodorants, other than for human beings or for animals, air purifying preparations, air deodorising preparations, disinfectants, antiseptics, detergents for medical purposes, medicated soaps, disinfectant soaps, antibacterial hand lotions, ores of non-precious metal, common metals and their alloys and semi-finished products made of these materials, irons for construction, mats and stirrups of common metals for buildings, common metals in the form of plate, billet, stick, profile, sheet and sheeting, goods and materials of common metal used for storage, wrapping, packaging and sheltering purposes, containers of metal (storage, transport), buildings of metal, frames of metal for building, poles of metal for building, metal boxes, packaging containers of metal, aluminium foil, fences made of metal, guard barriers of metal, metal tubes, storage containers of metal, metal containers for the transportation of goods, ladders of metal, goods of common metal for filtering and sifting purposes, doors, windows, shutters, jalousies and their cases and fittings of metal, non-electric cables and wires of metal, ironmongery, small hardware of metal,

screws of metal, nails, bolts of metal, nuts of metal, pegs of metal, flakes of metal, pitons of metal, metal chains, furniture casters of metal, fittings of metal for furniture, industrial metal wheels, door handles of metal, window handles of metal, hinges of metal, metal latches, metal locks, metal keys for locks, metal rings for carrying keys, metal pulleys, ventilation ducts, vents, vent covers, pipes, chimney caps, manhole covers, grilles of metal for ventilation, heating, sewage, telephone, underground electricity and air conditioning installations, metal panels or boards (non-luminous and non-mechanical) used for signalling, route showing, publicity purposes, signboards of metal, advertisement columns of metal, signaling panels of metal, non-luminous and non-mechanical traffic signs of metal, pipes of metal for transportation of liquids and gas, drilling pipes of metal and their metal fittings, valves of metal, couplings of metal for pipes, elbows of metal for pipes, clips of metal for pipes, connectors of metal for pipes, safes (strong boxes) of metal, metal railway materials, metal rails, metal railway ties, railway switches, bollards of metal, floating docks of metal, mooring buoys of metal, anchors, metal moulds for casting, other than machine parts, works of art made of common metals or their alloys, trophies of common metal, metal closures, bottle caps of metal, metal poles, metal pillars, scaffolding of metal, metal stakes, metal towers, metal pallets and metal ropes for lifting,

loading and transportation purposes, metal hangers, ties, straps, tapes and bands used for load-lifting and load-carrying, wheel chocks made primarily of metal, metal profile laths for vehicles for the purposes of decoration, machines, machine tools and industrial robots for processing and shaping wood, metals, glass, plastics and minerals, 3D printers, construction machines and robotic mechanisms (machines) for use in construction: bulldozers, diggers (machines), excavators, road construction and road paving machines, drilling machines, rock drilling machines, road sweeping machines, lifting, loading and transmission machines and robotic mechanisms (machines) for lifting, loading and transmission purposes: elevators, escalators and cranes, machines and robotic mechanisms (machines) for use in agriculture and animal breeding, machines and robotic mechanisms (machines) for processing cereals, fruits, vegetables and food, machines for preparing and processing beverages, engines and motors, other than for land vehicles, parts and fittings therefor: hydraulic and pneumatic controls for engines and motors, brakes other than for vehicles, brake linings for engines, crankshafts, gearboxes, other than for land vehicles, cylinders for engines, pistons for engines, turbines, not for land vehicles, filters for engines and motors, oil, air and fuel filters for land vehicle engines, exhausts for land vehicle engines, exhaust manifolds for land vehicle

engines, engine cylinders for land vehicles, engine cylinder heads for land vehicles, pistons for land vehicle engines, carburetors for land vehicles, fuel conversion apparatus for land vehicle engines, injectors for land vehicle engines, fuel economisers for land vehicle engines, pumps for land vehicle engines, valves for land vehicle engines, starter motors for land vehicles, dynamos for land vehicle engines, sparking plugs for land vehicle engines, bearings (parts of machines), roller or ball bearings, machines for mounting and detaching tires, alternators, current generators, electric generators, current generators operated with solar energy, painting machines, automatic spray guns for paint, electric, hydraulic and pneumatic punching machines and guns, electric adhesive tape dispensers [machines], electric guns for compressed gas or liquid spraying machines, electric hand drills, electric hand saws, electric jigsaw machines, spiral machines, compressed air machines, compressors (machines), vehicle washing installations, industrial robots with the abovementioned functions, electric and gas-operated welding apparatus, electric arc welding apparatus, electric soldering apparatus, electric arc cutting apparatus, electrodes for welding machines, industrial robots (machines) with the abovementioned functions, printing machines, packaging machines, filling, plugging and sealing machines, labellers (machines), sorting machines, industrial robots (machines) with the abovementioned functions,

electric packing machines for plugging and sealing of plastics, machines for textile processing, sewing machines, industrial robots (machines) with the abovementioned functions, pumps other than parts of machines or engines, fuel dispensing pumps for service stations, self-regulating fuel pumps, electric kitchen machines for chopping, grinding, crushing, mixing and mincing foodstuff, washing machines, laundry washing machines, dishwashers, spin driers (not heated), electric cleaning machines for cleaning floors, carpets or floorings, vacuum cleaners and parts thereof, automatic vending machines, galvanizing and electroplating machines, electric door openers and closers, gaskets for engines and motors, forks, spoons, knives and non-electric cutters, slicers, peelers for kitchen use, made of precious metals, side arms and blades (weapons), tools and apparatus for personal beauty care use: tools and apparatus for shaving, depilation, manicure and pedicure, electric hand implements for straightening and curling hair, scissors, hand-operated [non-electric] hand tools for the repair of machines, apparatus and vehicles and for use in construction, agriculture, horticulture and forestry, none of them being power tools, electric or non-electric irons, steam irons, handles for hand-operated hand tools, measurement apparatus and equipment for scientific, nautical, topographic, meteorologic, industrial and laboratory purposes, thermometers, not for medical purposes, barometers, ammeters,

voltmeters, hygrometers, testing apparatus not for medical purposes, telescopes, periscopes, directional compasses, speed indicators, laboratory apparatus, microscopes, magnifying glasses, stills, binoculars, ovens and furnaces for laboratory experiments, apparatus for recording, transmission or reproduction of sound or images, cameras, photographic cameras, television apparatus, video recorders, CD and DVD players and recorders, MP3 players, computers, desktop computers, tablet computers, wearable technological devices (smart watches, wristbands, head-mounted devices) microphones, loudspeakers, earphones, telecommunications apparatus, apparatus for the reproduction of sound or images, computer peripheral devices, cell phones, covers for cell phones, telephone apparatus, computer printers, scanners [data processing equipment], photocopiers, magnetic and optical data carriers and computer software and programmes recorded thereto, downloadable and recordable electronic publications, encoded magnetic and optical cards, Movies, tv series and video music clips recorded on magnetic, optical and electronic media, antennas, satellite antennas, amplifiers for antennas, parts of the aforementioned goods, electronic ticket dispensing terminals, automatic teller machines (ATM), electronic components used in the electronic parts of machines and apparatus: semi-conductors, electronic circuits, integrated circuits, chips [integrated circuits],

diodes, transistors [electronic], magnetic heads for electronic apparatus, electronic locks, photocells, remote control apparatus for opening and closing doors, optical sensors, counters and quantity indicators for measuring the quantity of consumption, automatic time switches, clothing for protection against accidents, irradiation and fire, safety vests and life-saving apparatus and equipment, eyeglasses, sunglasses, optical lenses and cases, containers, parts and components thereof, apparatus and instruments for conducting, transforming, accumulating or controlling electricity, electric plugs, junction boxes [electricity], electric switches, circuit breakers, fuses, lighting ballasts, battery starter cables, electrical circuit boards, electric resistances, electric sockets, transformers [electricity], electrical adapters, battery chargers, electric door bells, electric and electronic cables, batteries, electric accumulators, solar panels for production of electricity, alarms and anti-theft alarms, other than for vehicles, electric bells, signalling apparatus and instruments, luminous or mechanical signs for traffic use, fire extinguishing apparatus, fire engines, fire hose and fire hose nozzles, radar apparatus, sonars, night vision apparatus and instruments, decorative magnets, metronomes, surgical, medical, dental and veterinary apparatus and instruments, furniture especially made for medical purposes, artificial limbs and prostheses, medical orthopaedic articles: corsets

for medical purposes, orthopaedic shoes, elastic bandages and supportive bandages, surgical gowns and surgical sterile sheets, adult sexual aids, condoms, babies' bottles, babies' pacifiers, teats, gum massagers for babies, bracelets and rings for medical purposes, anti-rheumatism bracelets, anti-rheumatism rings, lighting installations, lights for vehicles and interior-exterior spaces, heating installations using solid, liquid or gas fuels or electricity: central heating boilers, boilers for heating installations, radiators [heating], heat exchangers, not parts of machines, stoves, kitchen stoves, solar thermal collectors [heating], steam, gas and fog generators: steam boilers, other than parts of machines, acetylene generators, oxygen generators, nitrogen generators, installations for air-conditioning and ventilating, cooling installations and freezers, electric and gas-powered devices, installations and apparatus for cooking, drying and boiling: cookers, electric cooking pots, electric water heaters, barbecues, electric laundry driers, hair driers, hand drying apparatus, sanitary installations: taps [faucets], shower installations, toilets [water-closets], shower and bathing cubicles, bath tubs, toilet seats, sinks, wash-hand basins [parts of sanitary installations], washers for water taps, stuffings (tap valves), water softening apparatus, water purification apparatus, water purification installations, waste water purification installations, electric bed warmers and electric blankets, not for

medical use, electric pillow warmers, electric or non-electric footwarmers, hot water bottles, electrically heated socks, filters for aquariums and aquarium filtration apparatus, industrial type installations for cooking, drying and cooling purposes, pasteurizers and sterilizers, motor land vehicles, motorcycles, mopeds, engines and motors for land vehicles, clutches for land vehicles, transmissions, transmission belts and transmission chains for land vehicles, gearing for land vehicles, brakes, brake discs and brake linings for land vehicles, vehicle chassis, automobile bonnets, vehicle suspension springs, shock absorbers for automobiles, gearboxes for land vehicles, steering wheels for vehicles, rims for vehicle wheels, bicycles and their bodies, handlebars and mudguards for bicycles, vehicle bodies, tipping bodies for trucks, trailers for tractors, frigorific bodies for land vehicles, trailer hitches for vehicles, vehicle seats, head-rests for vehicle seats, safety seats for children, for vehicles, seat covers for vehicles, vehicle covers (shaped), sun-blinds adapted for vehicles, direction signals and arms for direction signals for vehicles, windscreen wipers and wiper arms for vehicles, inner tubes and tires for vehicle wheels, tubeless tires, tire-fixing sets comprised of tire patches and tire valves for vehicles, windows for vehicles, safety windows for vehicles, rearview mirrors and wing mirrors for vehicles, anti-skid chains for vehicles, luggage carriers for vehicles, bicycle and ski carriers for cars, saddles for bicycles or

motorcycles, air pumps for vehicles, for inflating tires, anti-theft alarms for vehicles, horns for vehicles, safety belts for vehicle seats, air bags (safety devices for automobiles), baby carriages, wheelchairs, pushchairs, wheelbarrows, shopping carts, single or multi-wheeled wheelbarrows, shopping trolleys, grocery carts, handling carts, rail vehicles, locomotives, trains, trams, waggon, cable cars, chairlifts, vehicles for locomotion by water and their parts, other than their motors and engines, vehicles for locomotion by air and their parts, other than their motors and engines, firearms, air pistols (weapons), spring-loaded firearms, adapted cases and shoulder straps therefor, heavy weapons, mortars and rockets, fireworks, sprays for personal defence purposes, jewellery, imitation jewellery, gold, precious stones and jewellery made thereof, cufflinks, tie pins, statuettes and figurines of precious metal, clocks, watches and chronometrical instruments, chronometers and their parts, watch straps, trophies made of precious metal, rosaries, musical instruments and cases for musical instruments, paper and cardboard, paper and cardboard for packaging and wrapping purposes, cardboard boxes, paper towels, toilet paper, paper napkins, plastic materials for packaging and wrapping purposes, printing blocks and types, bookbinding material, printed publications, printed matter, books, magazines, newspapers, bill books, printed dispatch notes, printed vouchers, calendars, posters, photographs

[printed], paintings, stickers [stationery], postage stamps, stationery, office stationery, instructional and teaching material [except furniture and apparatus], writing and drawing implements, artists' materials, paper products for stationery purposes, adhesives for stationery purposes, pens, pencils, erasers, adhesive tapes for stationery purposes, cardboard cartons [artists' materials], writing paper, copying paper, paper rolls for cash registers, drawing materials, chalkboards, painting pencils, watercolors [paintings], office requisites, paint rollers and paintbrushes for painting, rubber, gutta-percha, gum, asbestos, mica and semi-finished synthetic goods made from these materials in the form of powder, bars, panels and foils, insulation, stopping and sealing materials: insulating paints, insulating fabrics, insulating tape and band, insulation covers for industrial machinery, joint sealant compounds for joints, gaskets, O-rings for sealing purposes (other than gaskets for motors, cylinders and washer for water taps), flexible pipes made from rubber and plastic, hoses made of plastic and rubber for vehicles, junctions for pipes of plastic and rubber, pipe jackets of plastic and rubber, hoses of textile material, junctions for pipes, not of metal, pipe jackets, not of metal, connecting hose for vehicle radiators, profile laths made of synthetic materials for vehicles for the purposes of decoration, unworked or semi-worked leather and animal skins, imitations of leather, stout leather, leather used for linings, goods made

of leather, imitations of leather or other materials, designed for carrying items, bags, wallets, boxes and trunks made of leather or stout leather, keycases, trunks [luggage], suitcases, umbrellas, parasols, sun umbrellas, walking sticks, whips, harness, saddlery, stirrups, straps of leather (saddlery), sand, gravel, crushed stone, asphalt, bitumen, cement, gypsum, plaster, concrete, marble blocks for construction, building materials (as finished products) made of concrete, gypsum, clay, potters' clay, stone, marble, wood, plastics and synthetic materials for building, construction, road construction purposes, non-metallic buildings, non-metallic building materials, poles, not of metal for power lines, barriers not of metal, natural and synthetic coverings in the form of panels and sheets, being building materials, bitumen cardboard for roofing, bitumen covering for roofing, doors and windows of wood and synthetic materials, traffic signs not of metal, non-luminous and non-mechanical, for roads, monuments and statuettes of stone, concrete and marble, building glass, prefabricated swimming pools not of metal (structures), aquarium sand, furniture, made of any kind of material, mattresses, pillows, air mattresses and cushions, not for medical purposes, water beds, mirrors, beehives, artificial honeycombs and sections of wood for honeycombs, bouncing chairs for babies, playpens for babies, cradles, infant walkers, display boards, frames for pictures

and paintings, identity plates, identification bracelets, name plates, identification tags, made of wood or synthetic materials, packaging containers of wood or plastics, casks for use in transportation or storage, barrels, storage drums, tanks, boxes, storage containers, transportation containers, chests, loading pallets and closures for the aforementioned goods, of wood or plastics, small hardware goods of wood or synthetic materials, furniture fittings, of wood or synthetic materials, opening and closing mechanisms of wood or synthetic materials, ornaments and decorative goods of wood, cork, reed, cane, wicker, horn, bone, ivory, whalebone, shell, amber, mother-of-pearl, meerschaum, beeswax, plastic or plaster namely figurines, holiday ornaments for walls, sculptures, trophies, baskets, not of metal, fishing baskets, kennels, nesting boxes and beds for household pets, portable ladders and mobile boarding stairs of wood or synthetic materials, bamboo curtains, roller indoor blinds [for interiors], slatted indoor blinds, vertical indoor blinds, bead curtains for decoration, curtain hooks, curtain rings, curtain tie-backs, curtain rods, non-metal wheel chocks, hand-operated non-electric cleaning instruments and appliances: brushes, except paintbrushes, steel chips for cleaning, sponges for cleaning, steel wool for cleaning, cloths of textile for cleaning, gloves for dishwashing, non-electric polishing machines for household purposes, brooms for carpets, mops,

toothbrushes, electric
toothbrushes, dental floss,
shaving brushes, hair brushes,
combs, non-electric
household or kitchen utensils,
[other than forks, knives,
spoons], services [dishes],
pots and pans, bottle openers,
flower pots, drinking straws,
non-electric cooking utensils,
ironing boards and shaped
covers therefor, drying racks
for washing, clothes drying
hangers, cages for household
pets, indoor aquariums,
vivariums and indoor
terrariums for animals and
plant cultivation, ornaments
and decorative goods of
glass, porcelain, earthenware
or clay namely statues,
figurines, vases and trophies,
mouse traps, insect traps,
electric devices for attracting
and killing flies and insects,
fly catchers, fly swatters,
perfume burners, perfume
sprayers, perfume vaporizers,
electric or non-electric make-
up removing appliances,
powder puffs, toilet cases,
nozzles for sprinkler hose,
nozzles for watering cans,
watering devices, garden
watering cans, unworked or
semi-worked glass, except
building glass, mosaics of
glass and powdered glass for
decoration, except for
building, glass wool other
than for insulation or textile
use, ropes, strings, rope
ladders, hammocks, fishing
nets, tents, awnings,
tarpaulins, sails, vehicle
covers, not fitted, bags of
textile, for packaging,
padding and stuffing
materials, except of rubber
and plastics, wool and cotton,
synthetic fibers for textile
use, raw spun fiber, glass
fibers for textile use, yarns
and threads for textile use,
threads and yarns for sewing,
embroidery and knitting,

thread, elastic yarns and
threads for textile use, woven
or non-woven textile fabrics,
textile goods for household
use, curtains, bed covers,
sheets (textile), pillowcases,
blankets, quilts, towels, flags,
pennants, labels of textile,
swaddling blankets, sleeping
bags for camping, clothing,
underwear and outer clothing,
other than special purpose
protective clothing, socks,
mufflers [clothing], shawls,
bandanas, scarves, belts
[clothing], footwear, shoes,
slippers, sandals, headgear,
hats, caps with visors, berets,
caps [headwear], skull caps,
laces and embroidery,
guipure lace, festoons,
ribbons (haberdashery),
ribbons and braid, reinforcing
tapes for clothing, cords for
clothing, letters and numerals
for marking linen,
embroidered emblems,
badges for wear, not of
precious metal, shoulder pads
for clothing, buttons for
clothing, fastenings for
clothing, eyelets for clothing,
zippers, buckles for shoes and
belts, rivet buttons, adhesive
tapes [haberdashery],
fasteners, pins, other than
jewellery, needles, sewing
needles, needles for sewing
machines, lacing needles,
needles for knitting and
embroidery, boxes for
needles, needle cushions,
artificial flowers, artificial
fruits, hair pins, hair buckles,
hair bands, decorative articles
for the hair, not made of
precious metal, wigs, hair
extensions, electric or non-
electric hair curlers, other
than hand implements,
carpets, rugs, mats, prayer
rugs, linoleum, artificial turf,
linoleum for covering floors,
gymnasium mats, wallpaper,
wall hangings not of textile,
games and toys, arcade video

game machines, game apparatus and machines for use with an external display screen and monitor, coin-operated, toys for animals, toys for outdoor playgrounds, parks and game parks, gymnastic and sporting articles, fishing tackle, artificial fishing bait, decoys for hunting and fishing, artificial Christmas trees, ornaments for Christmas trees, artificial snow for Christmas trees, rattles (playthings), novelties for parties, novelty toys for playing jokes and for parties, paper party hats, meat, fish, poultry and game, processed meat products, dried pulses, soups, bouillon, processed olives, olive paste, milks of animal origin, milks of herbal origin, milk products, butter, edible oils, dried, preserved, frozen, cooked, smoked or salted fruits and vegetables, tomato paste, prepared nuts and dried fruits as snacks, hazelnut spreads and peanut butter, tahini (sesame seed paste), eggs and powdered eggs, potato chips, coffee, cocoa, coffee or cocoa based beverages, chocolate based beverages, pasta, stuffed dumplings, noodles, pastries and bakery products based on flour, desserts based on flour and chocolate, bread, simit [Turkish ring-shaped bagel covered with sesame seeds], poğaç [Turkish bagel], pita, sandwiches, katmer [Turkish pastry], pies, cakes, baklava [Turkish dessert based on dough coated with syrup], kadayıf [Turkish dessert based on dough], desserts based on dough coated with syrup, puddings, custard, kazandibi [Turkish pudding], rice pudding, keşkül [Turkish pudding], honey, bee glue for human consumption, propolis

for food purposes, condiments for foodstuff, vanilla (flavoring), spices, sauces (condiments), tomato sauce, yeast, baking powder, flour, semolina, starch for food, sugar, cube sugar, powdered sugar, tea, iced tea, confectionery, chocolate, biscuits, crackers, wafers, chewing gums, ice-cream, edible ices, salt, cereal-based snack food, popcorn, crushed oats, corn chips, breakfast cereals, processed wheat for human consumption, crushed barley for human consumption, processed oats for human consumption, processed rye for human consumption, rice, molasses for food, agricultural and horticultural products, seeds, forestry products, live animals, fertilized eggs for hatching, plants, dried plants for decoration, fresh garden herbs, dried garden herbs for decoration, animal foodstuffs, malt not for human consumption, underlays for pets, cat litters, beers, preparations for making beer, mineral water, spring water, table water, soda water, fruit juices and vegetable juices [beverages], fruit and vegetable concentrates for making beverages and non-alcoholic fruit extracts for making beverages, soft drinks, energy drinks, protein-enriched sports beverages, alcoholic beverages (except beers), wines, raki [traditional Turkish alcoholic drink], whisky, liqueurs, alcoholic cocktails, tobacco, chewing tobacco, cigarettes, cigars, smokers' articles, made of precious metals: pipes, mouthpieces for cigars and cigarettes, ashtrays, tobacco boxes, pocket apparatus for rolling cigarettes, cigarette

	paper, tobacco pipes, firestones, lighters for smokers, electronic cigarettes and their cartridges, matches) enabling customers to conveniently view and purchase those goods, such services may be provided by retail stores, wholesale outlets, by means of electronic media or through mail order catalogues.		design, updating and rental of computer software, providing search engines for the internet, hosting websites, consultancy in the design and development of computer hardware, rental of computer hardware; industrial design services, other than engineering, computer and architectural design; graphic arts designing; authenticating works of art.
Class 38.	Radio and television broadcasting services; telecommunication services; providing access to the Internet; news agencies.	Class 45.	Legal services, legal consultancy in the fields of intellectual and industrial property rights; security services for the physical protection of property and individuals; marriage agencies; funeral services; clothing rental; fire-fighting services; escorting in society (chaperoning); consultancy relating to workplace safety; social networking services.
Class 41.	Education and training; arranging and conducting of conferences, congresses and seminars; sporting and cultural activities; entertainment; ticket reservation and booking services for entertainment, sporting and cultural events, including ticket reservation and booking services for theatres, cinemas, museums and concerts; publication and editing of printed matter, including magazines, books, newspapers, other than publicity texts; electronic publication services; production of movie films, radio and television programmes; news reporters services; photographic reporting services; photography; translation.		
Class 42.	Scientific and industrial analysis and research services; engineering; engineering and architectural design services; testing services for the certification of quality and standards; computer services, namely, computer programming, computer virus protection services, computer system design, creating, maintaining and updating websites for others, computer software		

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

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



VisuaLingo

1863248 10/04/2025

- Class 9. Downloadable and recorded content; apparatus for scientific and laboratory research, educational apparatus and simulators; information technology, audiovisual, multimedia and photographic equipment.
- Class 41. Education, entertainment and sporting activities; ticket reservation services for educational, entertainment and sports activities and events; translation and interpretation; publishing, editing of reports and writing of texts.
- Class 42. Design services; information technology services; scientific and technological services.

Priority Date Claimed: 13 December 2024 Spain
WordList Visual Learning, C/ Alberto Aguilera 54
1º izda, E-28015 Madrid, Spain

Colour Claimed: Turquoise, green, red, black, white, orange and yellow.,
Turquoise chameleon with green and red crest; black glasses with white; background orange to yellow.

LET'S GET TROPICAL

1863333 09/05/2025

- Class 3. Cosmetics; cosmetic preparations for skin and body care; non-medicated skin and body care preparations, namely, body lotions, body creams, body wash; non-medicated toiletry preparations; cosmetic creams and lotions for skin and body care; moisturizers for the skin and body; skin lotion; body lotion; body cream; body butter; moisturising body lotion; non-medicated skin and body cleansers; body scrub; beauty serum; non-medicated skin serum; beauty masks; cosmetic preparations for bath and shower; bath and shower gel; bath and shower foam; bath and shower cream; bathing lotion; body oil; bath and shower oil for use on skin; bath bombs; body wash; soap, namely, skin soap, beauty soap; bath and shower soap; body spray; fragrances.

Priority Date Claimed: 12 November 2024 United Kingdom

The Boots Company PLC, Nottingham NG2 3AA, United Kingdom

Representative: The Boots Company PLC,
Group Intellectual Property,
Legal Department, D90 WF20,
Nottingham NG90 1BS, United Kingdom

Hi!Video

1863660 13/03/2025

Class 35. Outdoor advertising; advertising; television advertising; advertising agency services; online advertising on a computer network; rental of advertising time on communication media; production of advertising films; pay per click advertising; development of advertising concepts in the nature of logos; advertising planning services.

Beijing Goobird Technology Co., Ltd., 707, 6th Floor, No.12 C, Guanghua Road, Chaoyang District, 100000 Beijing, China

Representative: Beijing Gaowo International Intellectual Property Agency, Room 603, Floor 6, Huayi Holdings Tower, No. 11 Caihefang Road, Haidian District, Beijing, China



1863756 10/03/2025

Class 5. Vitamins and vitamin preparations; vitamin tablets; vitamin drops; vitamin drinks; vitamin powders; vitamin supplements; dietary and nutritional supplements; dietetic preparations; extracts of medicinal herbs.

Priority Date Claimed: 03 March 2025 Hungary

SynergyTech International S.L., Carretera General Del Norte, Finca Zamora, Casa Zamorita 15, E-38410 Los Realejos, Santa Cruz de Tenerife, Spain

Colour Claimed: The letters have the color so called "chocolate brown", and the background's color is "sand".

Representative: Judit Lantos Law Firm, Keleti Károly utca 9., H-1024 Budapest, Hungary

EVERAI.RECRUITER

1863803 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

CANIRANER

1863906 04/06/2025

Class 5. Veterinary preparations.

Priority Date Claimed: 05 December 2024 Slovenia
KRKA, tovarna zdravil, d.d., Novo mesto, Šmarješka
cesta 6, SI-8000 Novo mesto, Slovenia

AFLUTOTAL

1863911 06/06/2025

Class 5. Veterinary preparations.

Priority Date Claimed: 12 December 2024 Slovenia

KRKA, tovarna zdravil, d.d., Novo mesto, Šmarješka
cesta 6, SI-8000 Novo mesto, Slovenia

BRAFELIO

1863977 06/06/2025

Class 5. Veterinary preparations.

Priority Date Claimed: 12 December 2024 Slovenia
KRKA, tovarna zdravil, d.d., Novo mesto, Šmarješka
cesta 6, SI-8000 Novo mesto, Slovenia

MOXILANER

1863978 06/06/2025

Class 5. Veterinary preparations.

Priority Date Claimed: 12 December 2024 Slovenia
KRKA, tovarna zdravil, d.d., Novo mesto, Šmarješka
cesta 6, SI-8000 Novo mesto, Slovenia

DramaBox

1864016 18/04/2025

- Class 9. Interactive touchscreen terminals; downloadable mobile applications; computer software applications, downloadable; computer game software, downloadable; computer operating programs, recorded; electronic publications, downloadable; computer programs, downloadable; computer software, recorded; face recognition equipment; pedometers.
- Class 41. Providing films, not downloadable, via video-on-demand services; providing television programmes, not downloadable, via video-on-demand services; screenplay writing; production of video; providing online videos, not downloadable; writing of texts; publication of texts, other than publicity texts; providing online electronic publications, not downloadable; online publication of electronic books and journals; instruction services; organization of cultural and arts events; games services provided online from a computer network; zoological garden services; modelling for artists; online library services in the nature of providing electronic library services featuring newspapers, magazines, photos and pictures through online computer networks; online short drama production and distribution.

Building 3, No. 9 Courtyard, Yongfeng Road,
Haidian District, Beijing, 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

Priority Date Claimed: 13 December 2024 China
Beijing Short Drama Snapshot Technology Co., Ltd.,
No. 538, Middle Section of the 2nd Floor, Block A,