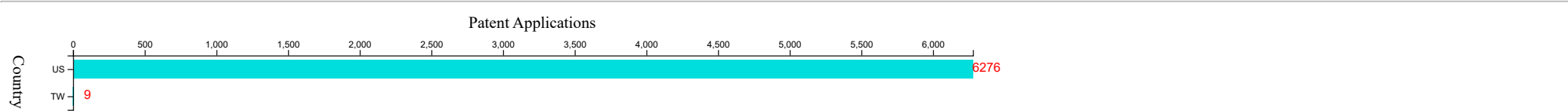
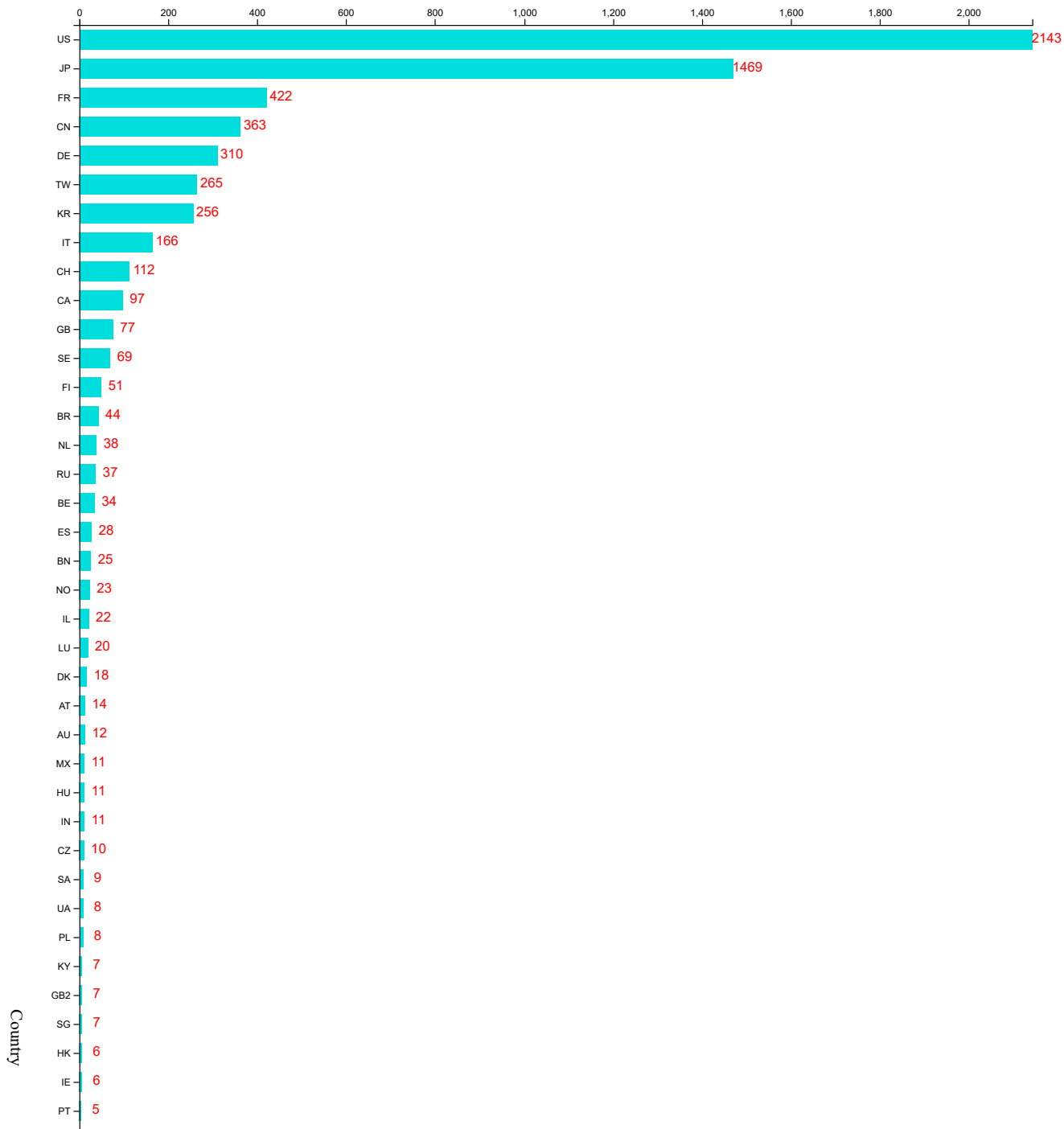


Patent Amount Patent Amount by Country
Patent Database : ALL
Data : Issue Date/Publication Date
Select years from : 1976~2025



Country	Patent applications Average 3142.50	Patentee Average 2551.00	Patent Applications/Patentee Average: 0.91
US	6276	5093	0.81
TW	9	9	1.00

Patent Applications

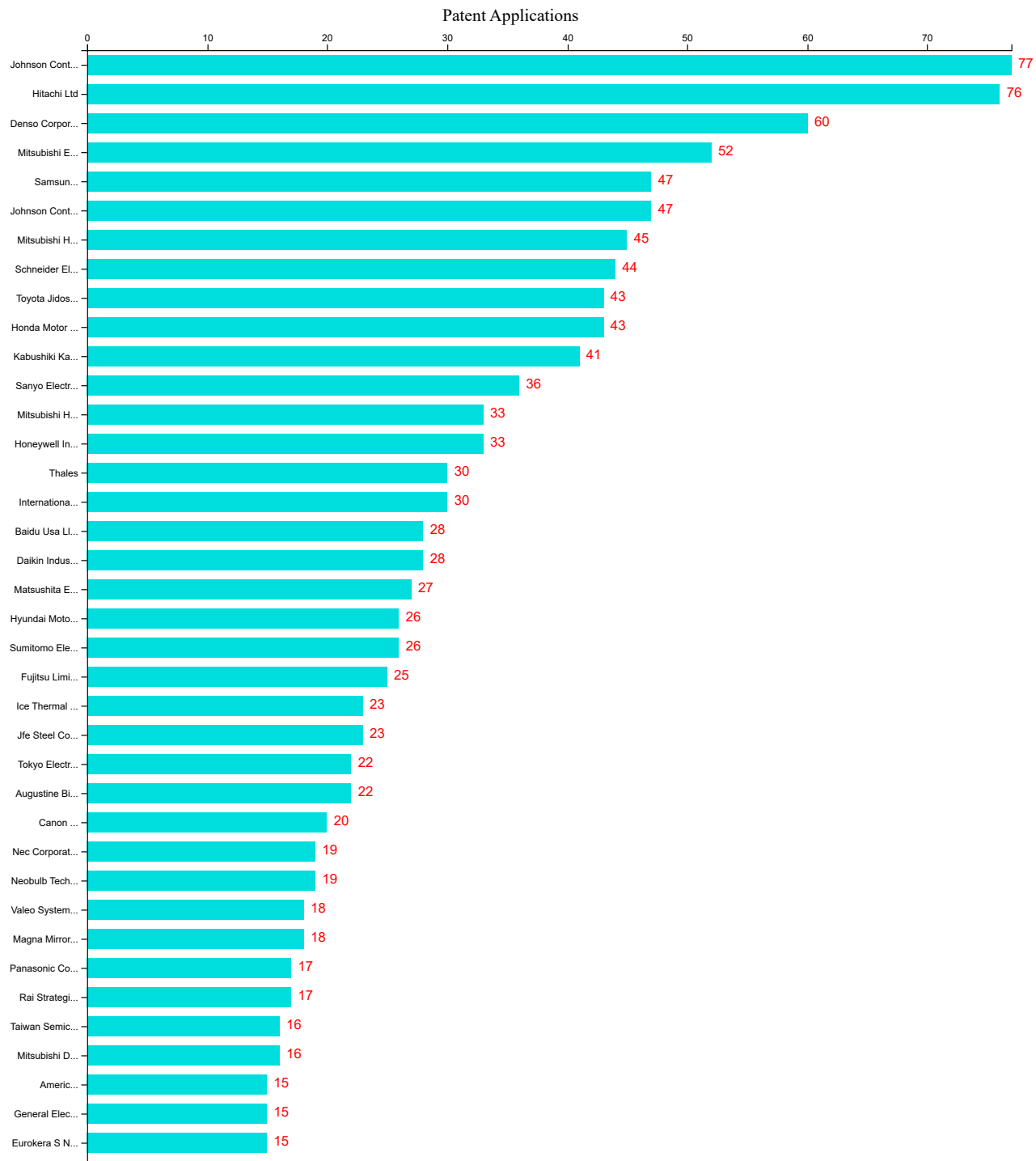


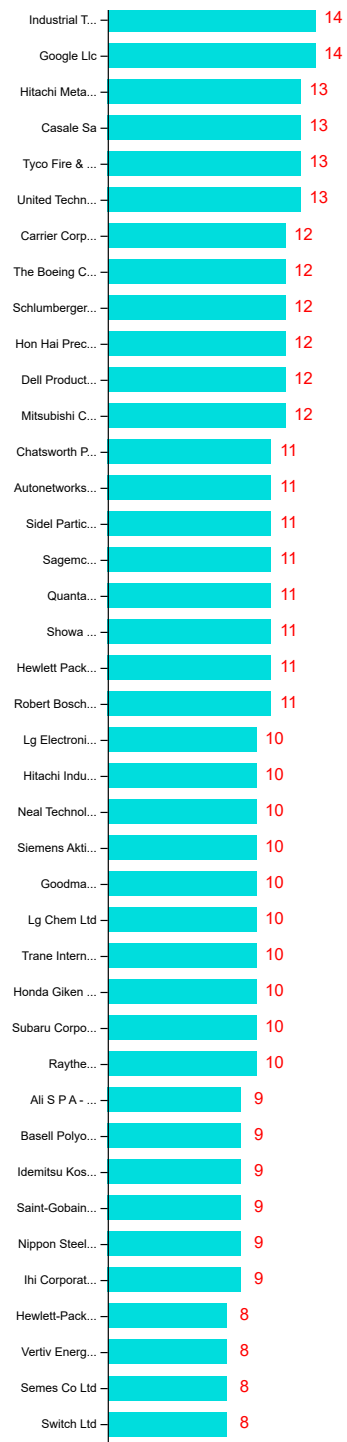
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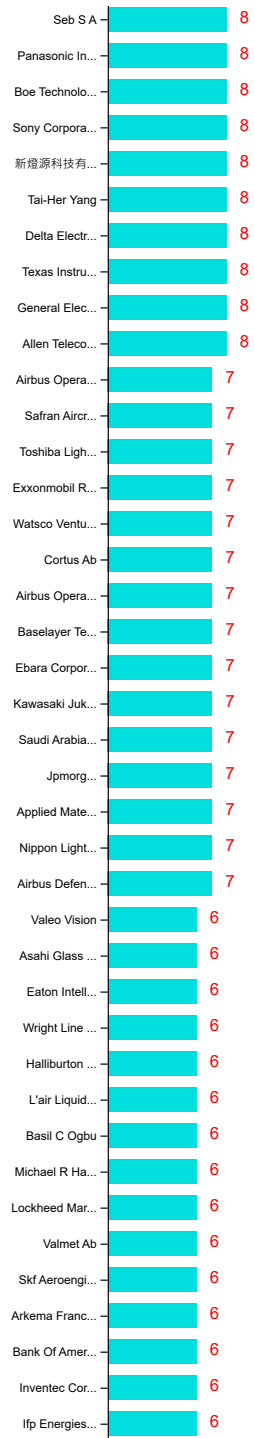
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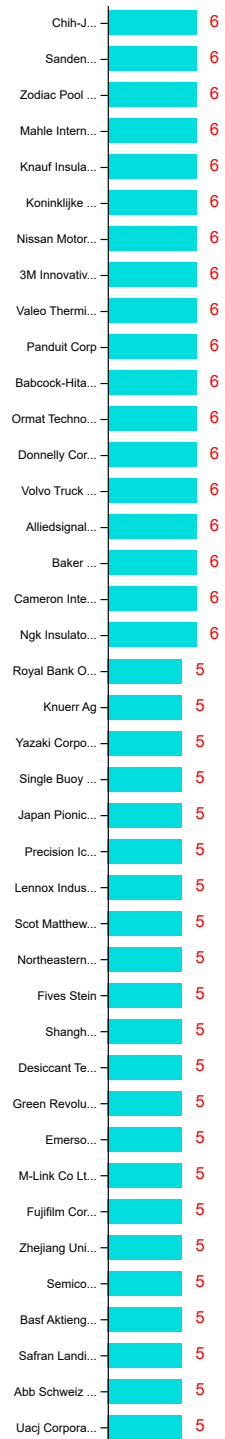
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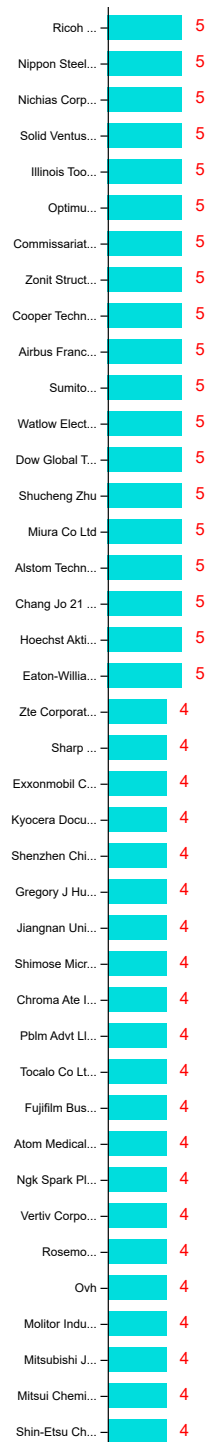
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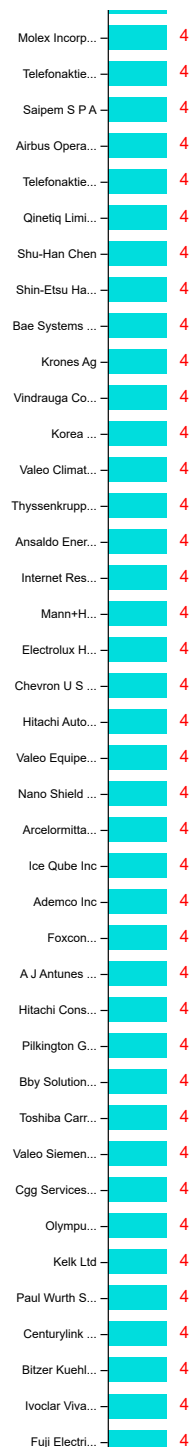


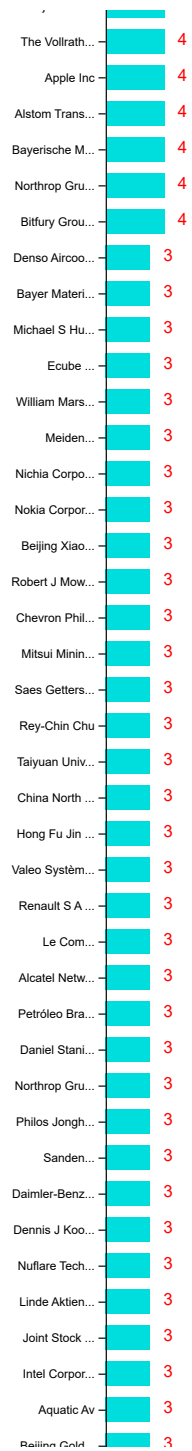




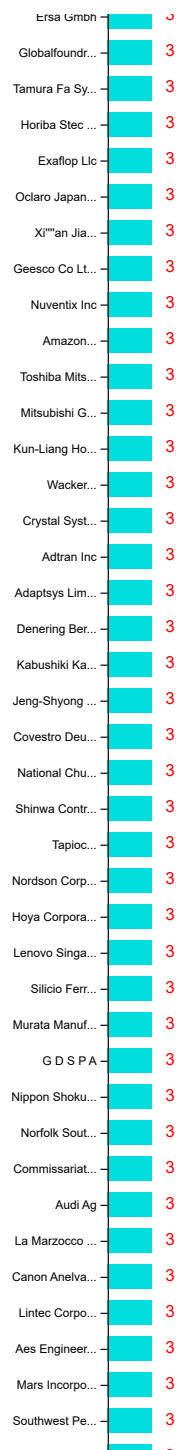


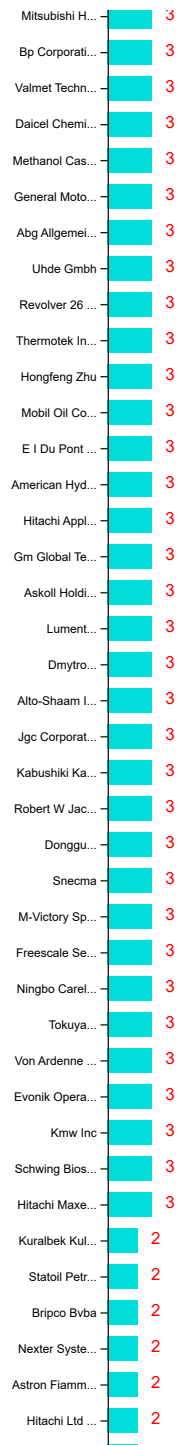
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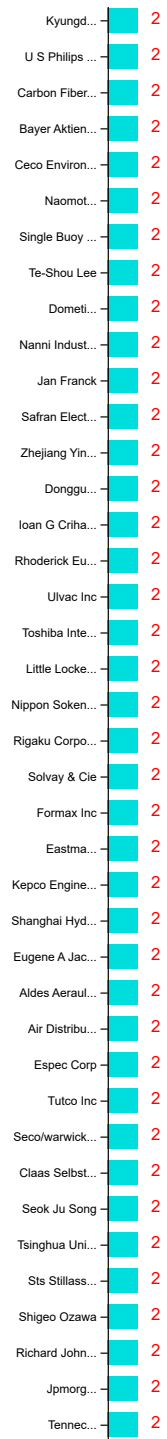


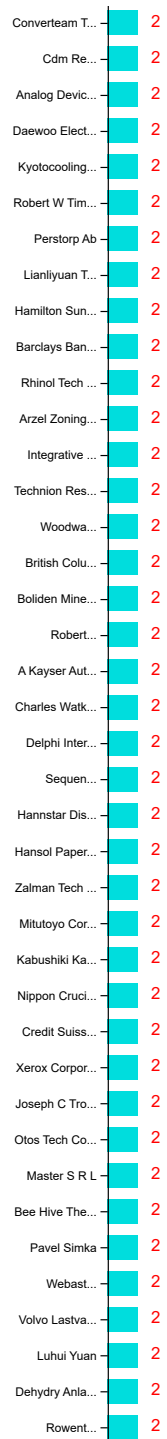
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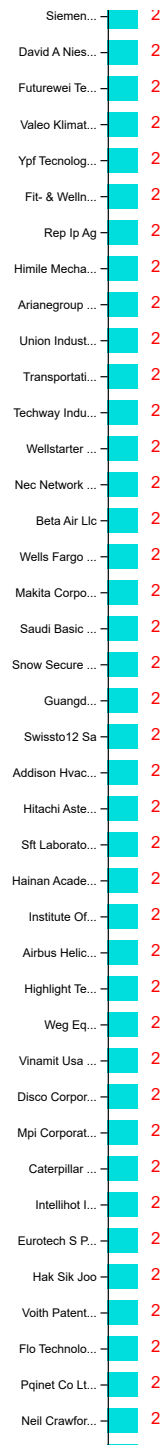
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Siemens Ener...	1
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Marcin Wojty...	1
Trina Stora...	1
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Özgür Karayi...	1
Wuhu Maty Ai...	1
Venturi Lab ...	1
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Robert Poiri...	1
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Aurora Plumb...	1
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Igor Sergeev...	1
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Kogaku...	1
Shangh...	1
Spx Cooling ...	1
Harbin Unive...	1
Herman...	1

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Innovation B...	1
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Toyo Rubber ...	1
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Association ...	1
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Ferdinand Ka...	1
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Service Dyna...	1
Toyota Jidos...	1

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Thermaltake ...	1
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Asia Vital C...	1
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Nikolai Dani...	1
Joint Stock ...	1
Sk Chemicals...	1
Mitsubishi H...	1
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Cathyor Engi...	1
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Eaton Univer...	1
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Fio-Tech Llc	1
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William Marsh...	1
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Sunlight Sau...	1
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Dresser Inc	1
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Takeki Yoshi...	1
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Custom Metal...	1
Richard J De...	1
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Calzaturific...	1
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Victor Compa...	1
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Aerospatiale...	1
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M C Electron...	1
Dako Corpora...	1
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Goldma...	1
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Henkel...	1
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Mita Industr...	1
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Gerald Fishe...	1
Naico Chemic...	1
John Bean Te...	1
Kokusai Elec...	1
Agriculture ...	1
Minolta Co L...	1
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Wilhelm Hedr...	1
Chin-Chun Ts...	1
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Don W Seiber	1
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Pelonis Usa ...	1
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Sansha Elect...	1
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Flexico-Fran...	1
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Hoshizaki De...	1
Lunar Corpor...	1
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Sensata Tech...	1
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East West Ba...	1
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Hsin-Tsung H...	1
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Hubbell Inco...	1
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Leonard R Bo...	1
Fisher & Pay...	1
Nippon Sanso...	1
Pulse ...	1
Despatch Ind...	1
Philips Elec...	1
Nenniger Joh...	1
Telefonaktie...	1
Nippon Kokan...	1
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Reynol...	1
Willi Sturtz...	1
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Tioxide Grou...	1
Ithaco Inc	1
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Blanco...	1
Jakob Van De...	1
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Aerojet Rock...	1
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Charle...	1
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Sumito...	1
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Vilmos Fockt...	1
Cheng-...	1
James Spita...	1
Kazuhiro Har...	1
Btr New Mate...	1
James Turek	1
Negesati Di ...	1
Industrial O...	1
Morgan Stanl...	1
Powerchip Se...	1
Urbain Du Pl...	1
Hiroyuki Hon...	1
Sun Microsys...	1
Schaerer Ag	1
Toshio Nakag...	1
Peter Hampel	1
Tetsuji Kiha...	1
Koichiro Kin...	1
Jose Neto	1
Sunlighten I...	1
Millacron Inc	1
David Smith	1
Transpacific...	1
Guntra...	1
Rolf Degenha...	1
Herrera Oren...	1
Well Resourc...	1
Kazuyuki Mik...	1
Tooru Aramak...	1
Mtu Aero Eng...	1
Akihiro Sato	1
Sabre Intell...	1
Tetuo Sukiok...	1
Ronald Rober...	1
The New Indu...	1
Terry Dwight...	1

Charles Grif...	1
Pascal Guerr...	1
Stk Technolo...	1
Wolfgang Fiw...	1
Mamoru Ishid...	1
Jin Hwa Ener...	1
Centro De Di...	1
Aurel Enache	1
Ming-Chang L...	1
Eva Gu...	1
John Azar	1
Minebea Co L...	1
Asphalt Tech...	1
The Universi...	1
Fuel Tech In...	1
Toppan Print...	1
Leica Biosys...	1
Ben Laurence...	1
Promau...	1
Ashe Morris ...	1
Vehtec Ab	1
Tinoco Caval...	1
Enthenergy L...	1
Aisin Aw Co ...	1
Frost-Trol S...	1
Shanghai Qin...	1
Dai Nippon P...	1
Webasto Ag	1
The Fu...	1
William L. Ma...	1
Hitachi Cabl...	1
Schur Flexib...	1
Centro Nacio...	1
Shenzhen Chi...	1
Obshchestvo ...	1
Gilcotubi S ...	1
Faurecia Aut...	1
Valmet Power...	1
Becklin Hold...	1
David M Seeg...	1

Todd Rubright...	1
Wyomin...	1
Norsk Miljok...	1
Plumbfreeze ...	1
Global Stand...	1
Sumitono Ele...	1
Energy Unite...	1
Gunther Heis...	1
Jose Vilani ...	1
Zhen Fang	1
Sergiy Yuriy...	1
Getac Techno...	1
Tecnica En I...	1
Boris Jovan ...	1
Beijing Zhon...	1
Draeger Safe...	1
Anhydro A/s	1
Equipement V...	1
Formaster S ...	1
Swilion Busi...	1
Technische U...	1
Zdenek Krato...	1
Turner Logis...	1
Xu Wanqun	1
Ip React Llc	1
Waikeu...	1
4Energy Ltd	1
Václav Holus...	1
Insultab Inc	1
Mares S P A	1
Coda O...	1
Sartorius St...	1
Andrei Kemp	1
Oracle Ameri...	1
Bialetti Ind...	1
Henry Norrby	1
Yoshio Igara...	1
Kraft Foods ...	1
Columbia Ene...	1
Seiji Okamur...	1

322533...	1
Tellabs Peta...	1
Kjell Ivar K...	1
Babybl...	1
John Mccarth...	1
Baraldi Lubr...	1
Jiri Petlach	1
Fundacao De ...	1
Joy Magic Co...	1
Mitsuba Corp...	1
Jiangsu Tian...	1
Coskata Inc	1
Aaron C Andr...	1
Jason Steven...	1
Industrias B...	1
Caterpillar ...	1
Eleonore Han...	1
Tomono Akira	1
Richard G Wh...	1
Heated Wear ...	1
Techint Comp...	1
Sgc Advisors...	1
Karl Mayer T...	1
Tellans Vien...	1
Centrotherm ...	1
Hui Jen Szut...	1
Willems Rony	1
Vetcogray Sc...	1
Techspace Ae...	1
Tianli Zhu	1
Sumito...	1
Arthur E Lar...	1
Nippon Oil C...	1
Daniele Bres...	1
Chun-Jung Li...	1
Gabor Gode	1
Spinel S R L	1
Alcan Packag...	1
Na Com...	1
Lentikat's A...	1

Ziemek Cable...	1
The Nippon S...	1
Gerbing's He...	1
Unifill S R ...	1
Socotherm S ...	1
Robert V Dun...	1
M-I L L C	1
Takasago Int...	1
Miltope Corp...	1
Preston Harr...	1
Sichuan Gush...	1
Bsh Bo...	1
Martin Carri...	1
De' Longhi S...	1
Ikuo Sakurai	1
Htc Corporat...	1
Taiyo Nippon...	1
Kazuhisa Sat...	1
Victor M Bol...	1
Jin-Sheng La...	1
Mitsuru Tsum...	1
Ryuji Katsur...	1
Carl Zeiss S...	1
Jean-Nicolas...	1
Ichiro Seto	1
Timo Heikkil...	1
Luciano Butt...	1
Bitfury Ip B...	1
Nicholas E S...	1
Shunpe...	1
Cymer Llc	1
Toray Indust...	1
Randall D Hu...	1
Masaharu Miy...	1
Jun Sugihara	1
Masanori Kik...	1
Carlos Marti...	1
Showa ...	1
Sergei V Kov...	1
G Yale Eastm...	1

Michael Ficc...	1
Kazimierz Sz...	1
Gerard Gille	1
Heraeus Tene...	1
Bernar...	1
Optis Wirele...	1
Toshihiko Fu...	1
Nya Sprinter...	1
Campag...	1
Jx Nippon Oi...	1
Delight Plas...	1
Micro Denshi...	1
Japan Electe...	1
Gimar Tecno ...	1
First Nation...	1
Joseph...	1
Michael J Pe...	1
Akitoshi Tsu...	1
Thin Film Te...	1
Jpmorg...	1
Melodian Co ...	1
Charles B De...	1
Advanc...	1
Chung-Kai Hu...	1
Kenji Sakai	1
John A Blank...	1
Oki Semicond...	1
Dsd Druckgus...	1
Kyowa ...	1
Edward T Rie...	1
John Carlisl...	1
Kevin Kompr...	1
Adolfo Ferna...	1
Leister Tech...	1
Masami...	1
Harri Tikka	1
Enriko Berid...	1
Clark Soluti...	1
Cambridge Cr...	1
Science And	1

Shanghai...	1
Kawasaki Rai...	1
Diamon...	1
Panasonic Ho...	1
Zhejiang Boc...	1
43 Degree Sp...	1
Cmotion Tech...	1
Yung-C...	1
Xi'an Jiaot...	1
State Atomic...	1
Water Challe...	1
Kulkea Llc	1
Joint Stock ...	1
Sidel Packin...	1
James Zeeff	1
Fujian Puhui...	1
Zea Bioscien...	1
Shanghai Luy...	1
Altec Indust...	1
Sky Tech Inc	1
Risesu...	1
Eisenm...	1
L'air Liqui...	1
William Honj...	1
Smart ...	1
Pharma...	1
Cockerill Ma...	1
Huawei Digit...	1
Walmart Apol...	1
Frederick Cl...	1
Amx—Au...	1
Power ...	1
Zhongcheng I...	1
Bowlingball C...	1
Sartorius La...	1
Ming Jang Hw...	1
Jorma ...	1
Tokyo Electr...	1
Kabushiki Ka...	1
Kei Fukushim...	1
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Getner Found...	1
Masaha...	1
Nobutoshi Ao...	1
Nidec Global...	1
Petróleo Bra...	1
Sekisui Hous...	1
Xi'an Zhong...	1
Chengdu Univ...	1
Japan Agency...	1
Paul Charles...	1
Donggu...	1
Commissariat...	1
Bowlingball ...	1
Xianjiaotong...	1
Dasan Co Ltd	1
SK On Co Ltd	1
Netzero V2G ...	1
Elmedix Bvba	1
Ono Foods In...	1
Telsmith Inc	1
Asml Netherl...	1
Gerald Hein	1
Coreless Mot...	1
Barilla G E ...	1
Semico...	1
De'longhi S ...	1
Hitachi High...	1
Lmt Medical ...	1
Laser X Co L...	1
Thermal Take...	1
Nippon Sheet...	1
Feracitas Oy	1
Ki-Yeong Noh	1
Welding Inst...	1
Ivan Petkov	1
Essilor Inte...	1
Koyo Thermo ...	1
Paul Walsh	1
Jose Gonzale...	1
Andrea Conte	1
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Corinox S R ...	1
Maestro Gran...	1
Ammono...	1
Crystal Grow...	1
Saint Gobain...	1
Longitude Se...	1
Shih-Chin Hu...	1
Tokyo Gas Co...	1
Pioneering T...	1
Mikado Tarad...	1
Gree Green R...	1
University O...	1
Nirafon Oy	1
Pi Technolog...	1
Hiroshi Mori...	1
Om Energy Li...	1
Douglas Smit...	1
Paloheimo Ra...	1
Mitsui & Co ...	1
Masaya...	1
Evergreen In...	1
Duna Enterpr...	1
Centrum Voor...	1
Jyh-Ch...	1
Stanislaw Ro...	1
L'air Liquid...	1
Hideo Shidar...	1
Rwe Tr...	1
Hung-Yi Lin	1
Taiwan Paiho...	1
Ben Schwartz	1
Degremont	1
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Rikiya Kamim...	1
Yu-Ken...	1
Denso Corpor...	1
James ...	1
Vanderbilt U...	1
Oy Kvaerner ...	1
Rational Ag	1

Yoshihito Su...	1
Gemalto Sa	1
Sbm Atlantia...	1
Daniel Attia...	1
Daniel Roy S...	1
Lam Re...	1
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Komage...	1
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Nastrificio ...	1
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U S Bank Nat...	1
Luvata Espoo...	1
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Ashland Lice...	1
Gemtek...	1
Brian D Thom...	1
Thermax Limi...	1
Ausimont S P...	1
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Excelerate E...	1
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Spence...	1

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Randy Carrol...	1
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Schweitzer E...	1
Dresser Inte...	1
Toyoda Koki ...	1
Obschestvo S...	1
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Sms De...	1
Mgs - Modula...	1
Avago Techno...	1
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Icipc - Inst...	1
Arris Enterp...	1
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Sindesy - Io...	1
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Maximiliano ...	1
Rosemount In...	1
Standex Inte...	1
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John Walsh	1
Powermig Aut...	1
Nautilus Dat...	1
Yts Science ...	1

Outotec Finl...	1
C E R M E X ...	1
Cps Co...	1
Honglin Yuan	1
Action Techn...	1
Nio Usa Inc	1
Klaus Ming	1
Institute Of...	1
Fandis S P A	1
Changz...	1
Fraunhofer-G...	1
Winding Rive...	1
Shing Fuh Ta...	1
Casing Macro...	1
Gabor Gelenc...	1
Xiao Dong	1
Shen Wang	1
Enerallies I...	1
L7 Drive Oy	1
Adelte Airpo...	1
Jetinn Globa...	1
Zf Friedrich...	1
Plasma Giken...	1
Daniel W Plo...	1
Eisenmann Se	1
Shlomo...	1
Insectergy L...	1
Stefan Fitze...	1
Juliet Pamel...	1
Ignas Samuel...	1
Obshchestvo ...	1
Hitachi Chem...	1
State Atomic...	1
Tangsh...	1
Moteurs Lero...	1
Dariusz Habi...	1
Dan Yitzhaki	1
Miklos Somog...	1
Gustav Gerst...	1
Unitika Ltd	1

Tech Design ...	1
Jiatsong Jas...	1
Public Joint...	1
Alexander An...	1
Shichang Lin	1
Patrick Rich...	1
Shiseido Com...	1
Ignacio Vega	1
Heat Recover...	1
Modular Eyes...	1
Valeo System...	1
Pim Korea Co...	1
Valeo System...	1
Board Of Reg...	1
Boyce Techno...	1
Sergei Samok...	1
Hatch Ltd	1
Shenzhen Btr...	1
Tai Oil Ltd	1
Action Techn...	1
Brace Integr...	1
Steve Wilson	1
Peiyiing Feng	1
Live-Tech S ...	1
Miravas	1
Dan Carter	1
Shirong Chen	1
Seiichi Yuya...	1
Lappee...	1
Jinping Bao	1
Teledyne Ins...	1
Sica S P A	1
Kaneka...	1
High Cedar E...	1
Jeffery Lynn...	1
Ross Video L...	1
Nikolai Dani...	1
Xiaomi Inc	1
Cathyor Engi...	1
Guangd...	1

Lennox Lndus...	1
Gree Green R...	1
Wishing Star...	1
Giorgio Torc...	1
Aethra Siste...	1
Xavier...	1
Gwang ...	1
Litel Infrar...	1
Phc Holdings...	1
Bhupendra R ...	1
House Foods ...	1
Scalematrix	1
Golden Lion ...	1
Ka Yan Chan	1
National Tai...	1
Volvo Constr...	1
Greate...	1
Toshiba Mits...	1
Hydro Engine...	1
Sapa Srl Soc...	1
David R Pach...	1
Joint Stock ...	1
Nugeneration...	1
Cleanquip Sy...	1
Zkw Gr...	1
Jerome Drexl...	1
Xylem Ip Man...	1
Open Joint S...	1
Lindauer Dor...	1
Mühlba...	1
Yanmar...	1
Suzhou Xingl...	1
Netcom...	1
Victor Mitja...	1
Nihon Shokuh...	1
Wireless Net...	1
Societ...	1
Zengqiang Xu	1
Wei-Yuan Pao	1
China Univer...	1

Briggs & Str...	1
Zhengz...	1
Mu-Chun Tsai	1
Huons Medite...	1
Eyvind Norma...	1
Weir Mineral...	1
Seavar Lic	1
9351-0...	1
University O...	1
Nelson Perel...	1
Andritz Novi...	1
Mark David O...	1
1901543 Albe...	1
David Isaac ...	1
Amibit D O O	1
Devang...	1
Sebastian Ve...	1
Oasis Charge...	1
Zhenqiao Yan...	1
Sveral Ab	1
Bwxt Isotope...	1
Seon Hwa Kim	1
Eddy P...	1
Açoforja Ind...	1
Tzero Resear...	1
Refined Tech...	1
Red Bull Gmb...	1
Danjrial Bec...	1
Bodyph...	1
Universal Pa...	1
Ningbo Xinru...	1
Safran Helic...	1
Bat Cozy Lic	1
Ebara Refrig...	1
Lenovo Globa...	1
Yanmar Holdi...	1
Mewe Inc	1
Wuyi Univers...	1
Contemporary...	1
Michael Curt...	1

Suncor Energ...	1
Shandong Jin...	1
Bortigin Llc	1
Eneos Corpor...	1
Noria Water ...	1
Skilleux Ele...	1
Hpcl-Mittal ...	1
Corning Rese...	1
Qummy Inc	1
Shenzh...	1
Iti Co Ltd	1
Caracol S R ...	1
Huawei Digit...	1
Chang On Kim	1
Frank J Mich...	1
Commissariat...	1
Elmedix Nv	1
Tex Tech Ind...	1
Christian Ha...	1
Citic Guoan ...	1
Dandelion En...	1
Cerage...	1
Jun-Ho Hwang	1
Ion Defense ...	1
Jibo Hou	1
Conopco Inc ...	1
Lavm Llc	1
Tsutomu Tana...	1
Kokam Co Ltd	1
Thin Gold Li...	1
Yung-Y...	1
Dell Product...	1
Kyungd...	1
Obshchestvo ...	1
Diamond Elec...	1
Piedmo...	1
Nippon Seiki...	1
Paul Harrima...	1
Daniel Norri...	1
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Milwaukee El...	1
Fork Farms H...	1
Dsm Ip Asset...	1
Hyllum Indus...	1
Joint Stock ...	1
Walmart Apol...	1
Nicholas Pan...	1
Minh Tam Do	1
Beijing Phas...	1
Bob Burkett	1
Larry Jack M...	1
Jose Javier ...	1
Adaptive Agr...	1
Skytech Co L...	1
Bong G...	1
Alexander Ch...	1
Embraco Indú...	1
Silcotek Cor...	1
Heatventors ...	1
Zhenglie Li	1
Oleksandr Yu...	1
Shangh...	1
Jheeco E-Dri...	1
Yungang Zhou	1
Changx...	1
Qingdao Glor...	1
Frank Forste...	1
Cockerill Ma...	1
Amx - Automa...	1
lee Internat...	1
Tuofushi She...	1
Uulu Usenkul...	1
Toa Industry...	1
Saint-Gobain...	1
Solomon Iora...	1
Zhengh...	1
Hokuetsu Kis...	1
Samsun...	1
Fismidth A S	1
.. .. .	4

Jian-Yan Liu	1
Culver Indus...	1
Schlager Dan	1
Metokote Cor...	1
James E Robi...	1
Gerald...	1
Chia Cherne ...	1
Pontificia U...	1
University O...	1
Standardgrap...	1
Gem En...	1
Masonite Cor...	1
Delaval Hold...	1
Westerngeco ...	1
Padraig Mcal...	1
National Mac...	1
Lin Li	1
Public Joint...	1
Seco-E P B	1
Macronix Int...	1
Hong Wang	1
Cash D...	1
Heatvu Inc	1
Degree Contr...	1
Yakov Kuzmic...	1
Clariter Ip ...	1
Robert...	1
Beihang Univ...	1
E-Cam Inc	1
Valmet Power...	1
Emile Colong...	1
Wik Far East...	1
National Pin...	1
Blackbird Te...	1
Universidad ...	1
Sppt Pesquis...	1
Zhejiang Boy...	1
Edwige Truyt...	1
Mitsubishi E...	1
Soilmec S P ...	1
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Cheil Indust...	1
Li-Tec Batte...	1
Jade Long Jo...	1
Taiwan...	1
Turbocoating...	1
Lothar Saige...	1
Tonlier Ener...	1
Formia Emiss...	1
Airbus Group...	1
Stulz Gmbh	1
Industria De...	1
Kemira Oyj	1
Neng B...	1
Mahle Clevit...	1
Richard Evan...	1
Power Distri...	1
Yang Jae Gu	1
Structured A...	1
Microtec S R...	1
Yang Gyu Shi...	1
Rio Tinto Al...	1
Endress + Ha...	1
Dragonjet Co...	1
Valeo Embray...	1
Bery Intelle...	1
Performance ...	1
Shinshu Univ...	1
Airlight Ene...	1
Michae...	1
Inergy Autom...	1
Rebecc...	1
Arcelormitta...	1
Denivaldo Go...	1
West Heat Ra...	1
Luis Maria A...	1
Aisin Takaok...	1
Huawei Techn...	1
Torok Aprad	1
It Construct...	1
Uptime Produ...	1

Lapis Semico...	1
De'longhi Ap...	1
Duplan Phili...	1
Abg Allegeme...	1
Wilfrid John...	1
Yang Ju	1
Posnan...	1
S David Tong	1
Kens F...	1
Ralph Schmit...	1
Stratec Se	1
Robert Wilfr...	1
Peter Paul S...	1
Dps Bristol ...	1
Compas...	1
Renault Truc...	1
Solin Develo...	1
Compag...	1
Pierre Viron...	1
China Electr...	1
Luiz Filipe ...	1
Bongrain Sa	1
Mark Randal ...	1
Toyoda Iron ...	1
Kevin Lin	1
Seibu Giken ...	1
Rafael Polan...	1
Greentec-Usa...	1
Ian Raymond ...	1
Compos...	1
Suez Environ...	1
Hashimoto El...	1
Volker Probs...	1
Japan Advanc...	1
Fionia Light...	1
Mei S R L	1
Somfy Sas	1
Melzer Masch...	1
Ralph Denver...	1
Ammoni...	1

Worksafe Tec...	1
Telefonaktei...	1
Jyske Bank A...	1
Ab Svenskt K...	1
Universite D...	1
Pioneer Ener...	1
Ammann...	1
Halla Visteo...	1
Leaderman & ...	1
Fundacion Te...	1
Brenmiller E...	1
Rouzbe...	1
Airboss Engi...	1
Tzu-Che Lin	1
Bethel Co LT...	1
Pacecontrols...	1
Opus B...	1
Pel Yu	1
Saitoh Keiko	1
Fjord It As	1
Kevin Kremey...	1
Ulmatec Pyro...	1
Eaton Electr...	1
Citic Dicast...	1
Toshib...	1
Elodys Inter...	1
Bosch Corpor...	1
Razionale Ene...	1
Young...	1
Hefei Boe Op...	1
Evonik Oil A...	1
Weg Eq...	1
Bigland Elec...	1
Adrian Ilinc...	1
William Davi...	1
Re-Fer Ag	1
Wenzho...	1
Kenneth Hill...	1
Rigel Techno...	1
Walter Ferra...	1

Internationa...	1
Bayotech Inc	1
Derric Juano	1
Xylem Ip Man...	1
Hefei Instit...	1
Stratec Biom...	1
Public Joint...	1
Margarita Ka...	1
Carl Snyder	1
Well-Life He...	1
Siliconfile ...	1
Yueh-H...	1
Otkrytoe Akt...	1
Quick-Sling ...	1
Société Mull...	1
Ticona Llc	1
Mapper Litho...	1
Kun Yuan Ton...	1
Houghton Tec...	1
Alis Soluçõe...	1
Airbus Group...	1
Joint Stock ...	1
Boyce Techno...	1
Genthe...	1
Georgia Tech...	1
Xuchang Xuji...	1
Habalan Med ...	1
Showa ...	1
Ashok Sabata	1
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Eugene...	1
Robert Denni...	1
Marvell Inte...	1
Technische U...	1
Gsi Helmholt...	1
George T C L...	1
Kevin Mark H...	1
Nissin Ion E...	1
Dong H...	1
Safran Nacel...	1

Emerso...	1
Nanmat...	1
Ntnu Technol...	1
Step Energy ...	1
Rolls-Royce ...	1
Jyung...	1
797709...	1
Tyco Electro...	1
H T Solution...	1
Endahric Sb ...	1
Shanghai Fub...	1
Kemex Ltd	1
Shih-Kan Lia...	1
Cloud Dynami...	1
Mirza Kamalu...	1
Shenzhen Cit...	1
H3 Polimeros...	1
Florence Moo...	1
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Kookje Elect...	1
Tmw	1
Xiamen...	1
Mitsubishi H...	1
Office Ichim...	1
Jeffrey Chun...	1
Dgs Co...	1
Smr Inventec...	1
Adc Technolo...	1
Voll Will En...	1
Robo-T...	1
Gianfranco N...	1
Zakrytoe Akt...	1
Cheng Uei Pr...	1
Gtherm Geo I...	1
Jorj Nofal	1
Iván Raisz	1
Xi'an Heavy ...	1
Korea Instit...	1
Heesun...	1
Ústav Anorga...	1

Philippe Rhu...	1
Shenya...	1
Wei-Hu...	1
Cirrascale C...	1
Coincident I...	1
Shang-Lin Ts...	1
Vulcan Intel...	1
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Patentee	Patent application Average 2.10	Proportion of patent applications
Total	6285	100%
Johnson Controls Technology Company	77	1.23%
Hitachi Ltd	76	1.21%
Denso Corporation	60	0.96%
Mitsubishi Electric Corporation	52	0.83%
Samsung Electronics Co Ltd	47	0.75%
Johnson Controls Tyco Ip Holdings Llp	47	0.75%
Mitsubishi Heavy Industries Ltd	45	0.72%
Schneider Electric It Corporation	44	0.7%
Toyota Jidosha Kabushiki Kaisha	43	0.68%
Honda Motor Co Ltd	43	0.68%
Kabushiki Kaisha Toshiba	41	0.65%
Sanyo Electric Co Ltd	36	0.57%
Mitsubishi Hitachi Power Systems Ltd	33	0.53%
Honeywell International Inc	33	0.53%
Thales	30	0.48%
International Business Machines Corporation	30	0.48%
Baidu Usa Llc	28	0.45%
Daikin Industries Ltd	28	0.45%
Matsushita Electric Industrial Co Ltd	27	0.43%
Hyundai Motor Company	26	0.41%
Sumitomo Electric Industries Ltd	26	0.41%
Fujitsu Limited	25	0.4%
Ice Thermal Harvesting Llc	23	0.37%
Jfe Steel Corporation	23	0.37%
Tokyo Electron Limited	22	0.35%
Augustine Biomedical + Design Llc	22	0.35%
Canon Kabushiki Kaisha	20	0.32%
Nec Corporation	19	0.3%
Neobulb Technologies Inc	19	0.3%
Valeo Systemes Thermiques	18	0.29%
Magna Mirrors Of America Inc	18	0.29%
Panasonic Corporation	17	0.27%
Rai Strategic Holdings Inc	17	0.27%
Taiwan Semiconductor Manufacturing Co Ltd	16	0.26%
Mitsubishi Denki Kabushiki Kaisha	16	0.26%

American Power Conversion Corporation	15	0.24%
General Electric Technology Gmbh	15	0.24%
Eurokera S N C	15	0.24%
Industrial Technology Research Institute	14	0.22%
Google Llc	14	0.22%
Hitachi Metals Ltd	13	0.21%
Casale Sa	13	0.21%
Tyco Fire & Security Gmbh	13	0.21%
United Technologies Corporation	13	0.21%
Carrier Corporation	12	0.19%
The Boeing Company	12	0.19%
Schlumberger Technology Corporation	12	0.19%
Hon Hai Precision Industry Co Ltd	12	0.19%
Dell Products L P	12	0.19%
Mitsubishi Chemical Corporation	12	0.19%
Chatsworth Products Inc	11	0.18%
Autonetworks Technologies Ltd	11	0.18%
Sidel Participations	11	0.18%
Sagemcom Broadband Sas	11	0.18%
Quanta Computer Inc	11	0.18%
Showa Denko K K	11	0.18%
Hewlett Packard Enterprise Development Lp	11	0.18%
Robert Bosch Gmbh	11	0.18%
Lg Electronics Inc	10	0.16%
Hitachi Industrial Equipment Systems Co Ltd	10	0.16%
Neal Technologies Inc	10	0.16%
Siemens Aktiengesellschaft	10	0.16%
Goodman Manufacturing Company Lp	10	0.16%
Lg Chem Ltd	10	0.16%
Trane International Inc	10	0.16%
Honda Giken Kogyo Kabushiki Kaisha	10	0.16%
Subaru Corporation	10	0.16%
Raytheon Company	10	0.16%
Ali S P A - Carpigiani Group	9	0.14%
Basell Polyolefine Gmbh	9	0.14%
Idemitsu Kosan Co Ltd	9	0.14%
Saint-Gobain Glass France	9	0.14%
Nippon Steel Corporation	9	0.14%
Ihi Corporation	9	0.14%
Hewlett-Packard Development Company L P	8	0.13%
Vertiv Energy Systems Inc	8	0.13%
Semes Co Ltd	8	0.13%
Switch Ltd	8	0.13%
Seb S A	8	0.13%
Panasonic Intellectual Property Management Co Ltd	8	0.13%
Boe Technology Group Co Ltd	8	0.13%
Sony Corporation	8	0.13%
新燈源科技有限公司	8	0.13%
Tai-Her Yang	8	0.13%

Delta Electronics Inc	8	0.13%
Texas Instruments Incorporated	8	0.13%
General Electric Company	8	0.13%
Allen Telecom Llc	8	0.13%
Airbus Operations Sas	7	0.11%
Safran Aircraft Engines	7	0.11%
Toshiba Lighting & Technology Corporation	7	0.11%
Exxonmobil Research And Engineering Company	7	0.11%
Watsco Ventures Llc	7	0.11%
Cortus Ab	7	0.11%
Airbus Operations S A S	7	0.11%
Baselayer Technology Llc	7	0.11%
Ebara Corporation	7	0.11%
Kawasaki Jukogyo Kabushiki Kaisha	7	0.11%
Saudi Arabian Oil Company	7	0.11%
Jpmorgan Chase Bank N A As Collateral Agent	7	0.11%
Applied Materials Inc	7	0.11%
Nippon Light Metal Company Ltd	7	0.11%
Airbus Defence And Space Sas	7	0.11%
Valeo Vision	6	0.1%
Asahi Glass Company Limited	6	0.1%
Eaton Intelligent Power Limited	6	0.1%
Wright Line Llc	6	0.1%
Halliburton Energy Services Inc	6	0.1%
L'air Liquide Societe Anonyme Pour L'etude Et L'exploitation Des Procedes Georges Claude	6	0.1%
Basil C Ogbu	6	0.1%
Michael R Hawkins	6	0.1%
Lockheed Martin Corporation	6	0.1%
Valmet Ab	6	0.1%
Skf Aeroengine France	6	0.1%
Arkema France	6	0.1%
Bank Of America N A As Administrative Agent	6	0.1%
Inventec Corporation	6	0.1%
Ifp Energies Nouvelles	6	0.1%
Chih-Juh Wong	6	0.1%
Sanden Automotive Climate Systems Corporation	6	0.1%
Zodiac Pool Systems Llc	6	0.1%
Mahle International Gmbh	6	0.1%
Knauf Insulation	6	0.1%
Koninklijke Philips N V	6	0.1%
Nissan Motor Co Ltd	6	0.1%
3M Innovative Properties Company	6	0.1%
Valeo Thermique Moteur	6	0.1%
Panduit Corp	6	0.1%
Babcock-Hitachi Kabushiki Kaisha	6	0.1%
Ormat Technologies Inc	6	0.1%
Donnelly Corporation	6	0.1%
Volvo Truck Corporation	6	0.1%
Alliedsignal Inc	6	0.1%

Baker Hughes Incorporated	6	0.1%
Cameron International Corporation	6	0.1%
Ngk Insulators Ltd	6	0.1%
Royal Bank Of Canada As The Collateral Agent	5	0.08%
Knuerr Ag	5	0.08%
Yazaki Corporation	5	0.08%
Single Buoy Moorings Inc	5	0.08%
Japan Pionics Co Ltd	5	0.08%
Precision Iceblast Corporation	5	0.08%
Lennox Industries Inc	5	0.08%
Scot Matthew Duncan	5	0.08%
Northeastern University	5	0.08%
Fives Stein	5	0.08%
Shanghai Ocean University	5	0.08%
Desiccant Technology Corporation	5	0.08%
Green Revolution Cooling Inc	5	0.08%
Emerson Network Power Energy Systems North America Inc	5	0.08%
M-Link Co Ltd	5	0.08%
Fujifilm Corporation	5	0.08%
Zhejiang University	5	0.08%
Semiconductor Energy Laboratory Co Ltd	5	0.08%
Basf Aktiengesellschaft	5	0.08%
Safran Landing Systems	5	0.08%
Abb Schweiz Ag	5	0.08%
Uacj Corporation	5	0.08%
Ricoh Company Ltd	5	0.08%
Nippon Steel & Sumitomo Metal Corporation	5	0.08%
Nichias Corporation	5	0.08%
Solid Ventus Inc	5	0.08%
Illinois Tool Works Inc	5	0.08%
Optimum Energy Llc	5	0.08%
Commissariat A L'energie Atomique Et Aux Energies Alternatives	5	0.08%
Zonit Structured Solutions Llc	5	0.08%
Cooper Technologies Company	5	0.08%
Airbus France	5	0.08%
Sumitomo Chemical Company Limited	5	0.08%
Watlow Electric Manufacturing Company	5	0.08%
Dow Global Technologies Llc	5	0.08%
Shucheng Zhu	5	0.08%
Miura Co Ltd	5	0.08%
Alstom Technology Ltd	5	0.08%
Chang Jo 21 Co Ltd	5	0.08%
Hoechst Aktiengesellschaft	5	0.08%
Eaton-Williams Group Limited	5	0.08%
Zte Corporation	4	0.06%
Sharp Kabushiki Kaisha	4	0.06%
Exxonmobil Chemical Patents Inc	4	0.06%
Kyocera Document Solutions Inc	4	0.06%
Shenzhen China Star Optoelectronics Technology Co Ltd	4	0.06%

Gregory J Hummer	4	0.06%
Jiangnan University	4	0.06%
Shimose Microbes Laboratory Corporation	4	0.06%
Chroma Ate Inc	4	0.06%
Pblm Advt Llc	4	0.06%
Tocalo Co Ltd	4	0.06%
Fujifilm Business Innovation Corp	4	0.06%
Atom Medical Corporation	4	0.06%
Ngk Spark Plug Co Ltd	4	0.06%
Vertiv Corporation	4	0.06%
Rosemount Aerospace Inc	4	0.06%
Ovh	4	0.06%
Molitor Industries Inc	4	0.06%
Mitsubishi Jukogyo Kabushiki Kaisha	4	0.06%
Mitsui Chemicals Inc	4	0.06%
Shin-Etsu Chemical Co Ltd	4	0.06%
Gene Neal	4	0.06%
Southwest Research Institute	4	0.06%
Lasalle National Bank	4	0.06%
Joint Stock Company "rosenergoatom"	4	0.06%
L""air Liquide Société Anonyme Pour L""etude Et L""exploitation Des Procédés Georges Claude	4	0.06%
Siemens Industry Inc	4	0.06%
Verizon Patent And Licensing Inc	4	0.06%
Battelle Memorial Institute	4	0.06%
Faurecia Automotive Industrie	4	0.06%
Semitec Corporation	4	0.06%
Terydon Inc	4	0.06%
Ling Long	4	0.06%
R J Reynolds Tobacco Company	4	0.06%
Clean Power Research L L C	4	0.06%
Shenzhen Yaorong Technology Co Ltd	4	0.06%
Ushio Denki Kabushiki Kaisha	4	0.06%
Schroff Technologies International Inc	4	0.06%
Entegris Inc	4	0.06%
Daihatsu Industria E Comercio De Moveis E Aparelhos Eletricos Ltda	4	0.06%
Alcatel	4	0.06%
Kanken Techno Co Ltd	4	0.06%
Outotec Oyj	4	0.06%
Clean Air Engineering Inc	4	0.06%
Korea Institute Of Machinery & Materials	4	0.06%
Eaton Corporation	4	0.06%
Peugeot Citroen Automobiles Sa	4	0.06%
Fujikin Incorporated	4	0.06%
United Microelectronics Corp	4	0.06%
Wells Fargo Bank National Association	4	0.06%
Rinnai Corporation	4	0.06%
Ranco Incorporated Of Delaware	4	0.06%
Fuji Xerox Co Ltd	4	0.06%
Konica Minolta Business Technologies Inc	4	0.06%

Seiko Epson Corporation	4	0.06%
Hideo Taniguchi	4	0.06%
Omega Credit Opportunities Master Fund Lp	4	0.06%
Alcatel-Lucent Usa Inc	4	0.06%
Ecolab Usa Inc	4	0.06%
Rohr Inc	4	0.06%
Vincent Medical Dong Guan Manufacturing Co Ltd	4	0.06%
Molex Incorporated	4	0.06%
Telefonaktiebolaget L M Ericsson Publ	4	0.06%
Saipem S P A	4	0.06%
Airbus Operations Gmbh	4	0.06%
Telefonaktiebolaget Lm Ericsson Publ	4	0.06%
Qinetiq Limited	4	0.06%
Shu-Han Chen	4	0.06%
Shin-Etsu Handotai Co Ltd	4	0.06%
Bae Systems Plc	4	0.06%
Krones Ag	4	0.06%
Vindrauga Corporation	4	0.06%
Korea Kumho Petrochemical Co Ltd	4	0.06%
Valeo Climatisation	4	0.06%
Thyssenkrupp Uhde Gmbh	4	0.06%
Ansaldo Energia Switzerland Ag	4	0.06%
Internet Research Institute Inc	4	0.06%
Mann+Hummel Gmbh	4	0.06%
Electrolux Home Products Corporation N V	4	0.06%
Chevron U S A Inc	4	0.06%
Hitachi Automotive Systems Ltd	4	0.06%
Valeo Equipements Electriques Moteur	4	0.06%
Nano Shield Technology Co Ltd	4	0.06%
Arcelormittal	4	0.06%
Ice Qube Inc	4	0.06%
Ademco Inc	4	0.06%
Foxconn Kunshan Computer Connector Co Ltd	4	0.06%
A J Antunes & Co	4	0.06%
Hitachi Construction Machinery Co Ltd	4	0.06%
Pilkington Group Limited	4	0.06%
Bby Solutions Inc	4	0.06%
Toshiba Carrier Corporation	4	0.06%
Valeo Siemens Eautomotive France Sas	4	0.06%
Cgg Services Sas	4	0.06%
Olympus Corporation	4	0.06%
Kelk Ltd	4	0.06%
Paul Wurth S A	4	0.06%
Centurylink Intellectual Property Llc	4	0.06%
Bitzer Kuehlmaschinenbau Gmbh	4	0.06%
Ivoclar Vivadent Ag	4	0.06%
Fuji Electric Co Ltd	4	0.06%
The Vollrath Company L L C	4	0.06%
Apple Inc	4	0.06%

Alstom Transport Technologies	4	0.06%
Bayerische Motoren Werke Aktiengesellschaft	4	0.06%
Northrop Grumman Systems Corporation	4	0.06%
Bitfury Group Limited	4	0.06%
Denso Aircool Corporation	3	0.05%
Bayer Materialsscience Ag	3	0.05%
Michael S Hulen	3	0.05%
Ecube Computing Gmbh	3	0.05%
William Marsh Rice University	3	0.05%
Meidensha Corporation	3	0.05%
Nichia Corporation	3	0.05%
Nokia Corporation	3	0.05%
Beijing Xiaomi Mobile Software Co Ltd	3	0.05%
Robert J Mowris	3	0.05%
Chevron Phillips Chemical Company Lp	3	0.05%
Mitsui Mining & Smelting Co Ltd	3	0.05%
Saes Getters S P A	3	0.05%
Rey-Chin Chu	3	0.05%
Taiyuan University Of Technology	3	0.05%
China North Magnetic & Electronic Technology Co Ltd	3	0.05%
Hong Fu Jin Precision Industry Shenzhen Co Ltd	3	0.05%
Valeo Systèmes D'essuyage	3	0.05%
Renault S A S	3	0.05%
Le Commissariat A L'energie Atomique The French Atomic Energy Commission	3	0.05%
Alcatel Network Systems Inc	3	0.05%
Petróleo Brasileiro S A - Petrobras	3	0.05%
Daniel Stanimirovic	3	0.05%
Northrop Grumman Corporation	3	0.05%
Philos Jongho Ko	3	0.05%
Sanden Corporation	3	0.05%
Daimler-Benz Aktiengesellschaft	3	0.05%
Dennis J Koop	3	0.05%
Nuflare Technology Inc	3	0.05%
Linde Aktiengesellschaft	3	0.05%
Joint Stock Company "atomenergoproekt"	3	0.05%
Intel Corporation	3	0.05%
Aquatic Av	3	0.05%
Beijing Goldtech Co Ltd	3	0.05%
Terumo Kabushiki Kaisha	3	0.05%
Space Systems/loral Llc	3	0.05%
Sunnyside Technologies Inc	3	0.05%
Chengdu En-Shain Technology Incorporation	3	0.05%
Fulian Precision Electronics Tianjin Co Ltd	3	0.05%
Bridgestone Corporation	3	0.05%
Harris Corporation	3	0.05%
Ali Group S R L - Carpigiani	3	0.05%
Advanced Micro-Fabrication Equipment Inc China	3	0.05%
Whirlpool S A	3	0.05%
Midrex Technologies Inc	3	0.05%

Tien Tsai Lin	3	0.05%
Abb Research Ltd	3	0.05%
Sidel	3	0.05%
Ibiden Co Ltd	3	0.05%
Kawasaki Steel Corporation	3	0.05%
Taiwan Semiconductor Manufacturing Company Ltd	3	0.05%
Nitto Denko Corporation	3	0.05%
Inglass S P A	3	0.05%
Azbil Corporation	3	0.05%
Webasto Se	3	0.05%
Camoplast Inc	3	0.05%
Omron Corporation	3	0.05%
Microsoft Technology Licensing Llc	3	0.05%
Jpmorgan Chase Bank N A As Administrative Agent	3	0.05%
Rolls-Royce Plc	3	0.05%
Yanmar Co Ltd	3	0.05%
Solvay Societe Anonyme	3	0.05%
Nortek Global Hvac Uk Limited	3	0.05%
L"air Liquide Societe Anonyme Pour L"etude Et L"exploitation Des Procedes Georges Claude	3	0.05%
University Of Cape Town	3	0.05%
Volvo Construction Equipment Holding Sweden Ab	3	0.05%
Valeo Climatisation S A	3	0.05%
Aligned Energy Llc	3	0.05%
Nan Ya Plastics Corporation	3	0.05%
Mazda Motor Corporation	3	0.05%
Sekisui Chemical Co Ltd	3	0.05%
Centre National De La Recherche Scientifique	3	0.05%
Visibelle Derma Institute Inc	3	0.05%
Ersa Gmbh	3	0.05%
Globalfoundries Inc	3	0.05%
Tamura Fa System Corporation	3	0.05%
Horiba Stec Co Ltd	3	0.05%
Exaflop Llc	3	0.05%
Oclaro Japan Inc	3	0.05%
Xi""an Jiaotong University	3	0.05%
Geesco Co Ltd	3	0.05%
Nuventix Inc	3	0.05%
Amazon Technologies Inc	3	0.05%
Toshiba Mitsubishi-Electric Industrial Systems Corporation	3	0.05%
Mitsubishi Gas Chemical Company Inc	3	0.05%
Kun-Liang Hong	3	0.05%
Wacker Chemie Ag	3	0.05%
Crystal Systems Corporation	3	0.05%
Adtran Inc	3	0.05%
Adaptsys Limited	3	0.05%
Denering Berrio	3	0.05%
Kabushiki Kaisha Kobe Seiko Sho Kobe Steel Ltd	3	0.05%
Jeng-Shyong Wu	3	0.05%
Covestro Deutschland Ag	3	0.05%

National Chung Shan Institute Of Science And Technology	3	0.05%
Shinwa Controls Co Ltd	3	0.05%
Tapioca-Comercio E Servicos Sociedade Unipessoal Lda	3	0.05%
Nordson Corporation	3	0.05%
Hoya Corporation	3	0.05%
Lenovo Singapore Pte Ltd	3	0.05%
Silicio Ferrosolar S L	3	0.05%
Murata Manufacturing Co Ltd	3	0.05%
G D S P A	3	0.05%
Nippon Shokubai Co Ltd	3	0.05%
Norfolk Southern Corporation	3	0.05%
Commissariat A L'energie Atomique	3	0.05%
Audi Ag	3	0.05%
La Marzocco S R L	3	0.05%
Canon Anelva Corporation	3	0.05%
Lintec Corporation	3	0.05%
Aes Engineering Ltd	3	0.05%
Mars Incorporated	3	0.05%
Southwest Petroleum University	3	0.05%
Mitsubishi Heavy Industries Thermal Systems Ltd	3	0.05%
Bp Corporation North America Inc	3	0.05%
Valmet Technologies Inc	3	0.05%
Daicel Chemical Industries Ltd	3	0.05%
Methanol Casale S A	3	0.05%
General Motors Corporation	3	0.05%
Abg Allgemeine Baumaschinen-Gesellschaft Mbh	3	0.05%
Uhde Gmbh	3	0.05%
Revolver 26 Investment Corporation	3	0.05%
Thermotek Inc	3	0.05%
Hongfeng Zhu	3	0.05%
Mobil Oil Corporation	3	0.05%
E I Du Pont De Nemours And Company	3	0.05%
American Hydrotherm Corporation	3	0.05%
Hitachi Appliances Inc	3	0.05%
Gm Global Technology Operations Llc	3	0.05%
Askoll Holding S R L	3	0.05%
Lumentum Japan Inc	3	0.05%
Dmytro Khachaturov	3	0.05%
Alto-Shaam Inc	3	0.05%
Jgc Corporation	3	0.05%
Kabushiki Kaisha Toyota Jidoshokki	3	0.05%
Robert W Jacobi	3	0.05%
Dongguan Eontec Co Ltd	3	0.05%
Snecma	3	0.05%
M-Victory Specific Material Co Ltd	3	0.05%
Freescale Semiconductor Inc	3	0.05%
Ningbo Careline Electric Appliance Co Ltd	3	0.05%
Tokuyama Corporation	3	0.05%
Von Ardenne Anlagentechnik Gmbh	3	0.05%

Evonik Operations Gmbh	3	0.05%
Kmw Inc	3	0.05%
Schwing Bioset Inc	3	0.05%
Hitachi Maxell Ltd	3	0.05%
Kuralbek Kulazhanov	2	0.03%
Statoil Petroleum As	2	0.03%
Bripco Bvba	2	0.03%
Nexter Systems	2	0.03%
Astron Fiamm Safety Sarl	2	0.03%
Hitachi Ltd A Corp Of Japan	2	0.03%
Advanced Distributor Products Llc	2	0.03%
Smeg S P A	2	0.03%
Inergy Automotive Systems Research S A	2	0.03%
Chao-Hsiung Liang	2	0.03%
Michael Gian	2	0.03%
Yongyouth Damabhorn	2	0.03%
Asteer Co Ltd	2	0.03%
Guangwei Wang	2	0.03%
Nec Display Solutions Ltd	2	0.03%
Guangdong Jinbei Energy-Efficient Technology Co Ltd	2	0.03%
Molecor Tecnologia S L	2	0.03%
Hamid Hojaji	2	0.03%
Qingdao Hisense Laser Display Co Ltd	2	0.03%
Dowa Metals & Mining Co Ltd	2	0.03%
Negesat Di Boer Fabrizio & C S N C	2	0.03%
Abc Medical S R L	2	0.03%
Qualcomm Incorporated	2	0.03%
Pallas Systems Llc	2	0.03%
Danny Earp	2	0.03%
Yoshino Kogyosho Co Ltd	2	0.03%
Guangdong Magnetic Electronic Co Ltd	2	0.03%
Imhotep Creation	2	0.03%
S E S Co Ltd	2	0.03%
Jsp Corporation	2	0.03%
Total S A	2	0.03%
Hitachi Kokusai Electric Inc	2	0.03%
Qualitau Inc	2	0.03%
T5 Technologies Inc	2	0.03%
Meyer Intellectual Properties Limited	2	0.03%
Kobe Steel Ltd	2	0.03%
Nhk Spring Co Ltd	2	0.03%
Astra Veicoli Industriali S P A	2	0.03%
Bank Of New York The	2	0.03%
Mdi Motor Development International S A	2	0.03%
Exias Medical Gmbh	2	0.03%
Oem-Ali S P A	2	0.03%
Techest Co Ltd	2	0.03%
New World Zgm Limited	2	0.03%
National Institute Of Advanced Industrial Science And Technology	2	0.03%

Fei Company	2	0.03%
Kyungdong One Corporation	2	0.03%
U S Philips Corporation	2	0.03%
Carbon Fiber Recycle Industry Ltd	2	0.03%
Bayer Aktiengesellschaft	2	0.03%
Ceco Environmental Ip Inc	2	0.03%
Naomoto Corporation	2	0.03%
Single Buoy Moorings Inc Switzerland Corporation	2	0.03%
Te-Shou Lee	2	0.03%
Dometic Sweden Ab	2	0.03%
Nanni Industries	2	0.03%
Jan Franck	2	0.03%
Safran Electronics & Defense	2	0.03%
Zhejiang Yintlun Machinery Co Ltd	2	0.03%
Dongguan Fumeikang Electrical Technology Co Ltd	2	0.03%
Ioan G Crihan	2	0.03%
Rhoderick Euan McGown	2	0.03%
Ulvac Inc	2	0.03%
Toshiba International Corporation	2	0.03%
Little Locker Room Llc	2	0.03%
Nippon Soken Inc	2	0.03%
Rigaku Corporation	2	0.03%
Solvay & Cie	2	0.03%
Formax Inc	2	0.03%
Eastman Chemical Company	2	0.03%
Kepco Engineering & Construction Company Inc	2	0.03%
Shanghai Hydrogen Mobile Refrmer Instrument Co Ltd	2	0.03%
Eugene A Jacobs	2	0.03%
Aldes Aeraulique	2	0.03%
Air Distribution Technologies Ip Llc	2	0.03%
Espec Corp	2	0.03%
Tutco Inc	2	0.03%
Seco/warwick S A	2	0.03%
Claas Selbstfahrende Erntemaschinen Gmbh	2	0.03%
Seok Ju Song	2	0.03%
Tsinghua University	2	0.03%
Sts Stillasservice	2	0.03%
Shigeo Ozawa	2	0.03%
Richard Johnson	2	0.03%
Jpmorgan Chase Bank N A	2	0.03%
Tenneco Chemicals Inc	2	0.03%
Converteam Technology Ltd	2	0.03%
Cdm Resource Management Llc	2	0.03%
Analog Devices Inc	2	0.03%
Daewoo Electronics Corporation	2	0.03%
Kyotocooling International B V	2	0.03%
Robert W Timmerman	2	0.03%
Perstorp Ab	2	0.03%
Lianliyuan Technology Co Ltd	2	0.03%

Hamilton Sundstrand Corporation	2	0.03%
Barclays Bank Plc	2	0.03%
Rhinol Tech Corp	2	0.03%
Arzel Zoning Technology Inc	2	0.03%
Integrative Engineering Llc	2	0.03%
Technion Research & Development Foundation Limited	2	0.03%
Woodward T King	2	0.03%
British Columbia Hydro And Power Authority	2	0.03%
Boliden Mineral Ab	2	0.03%
Robert Symons	2	0.03%
A Kayser Automotive Systems Gmbh	2	0.03%
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Tapioca-Comercio E Services	1	0.02%
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Gea Process Engineering Inc	1	0.02%
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Mitsubishi Hitachi Powers Systems Ltd	1	0.02%
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Cathor Engineering S A	1	0.02%
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Google Inc	1	0.02%
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Schaerer Ag	1	0.02%
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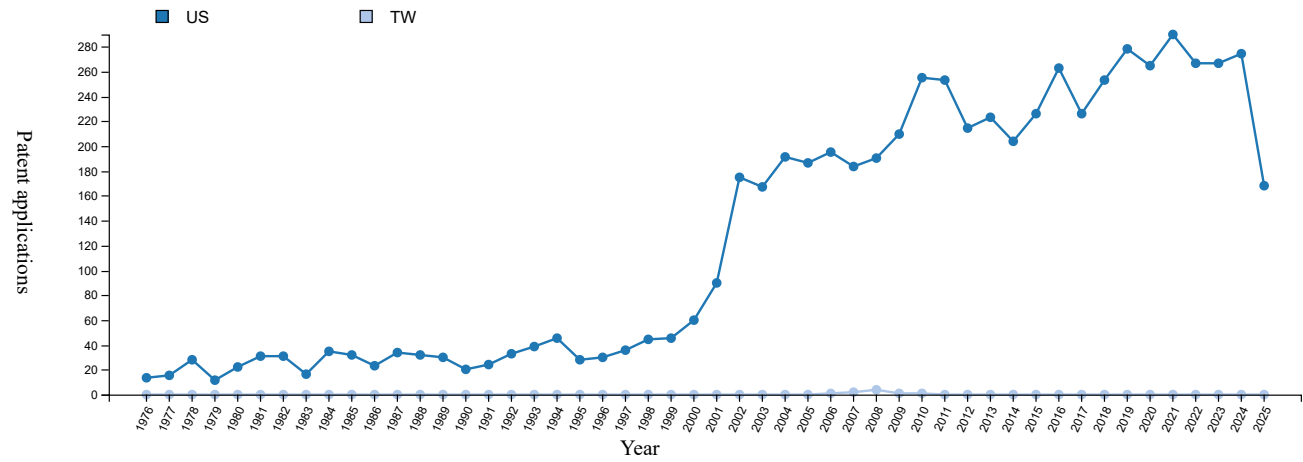
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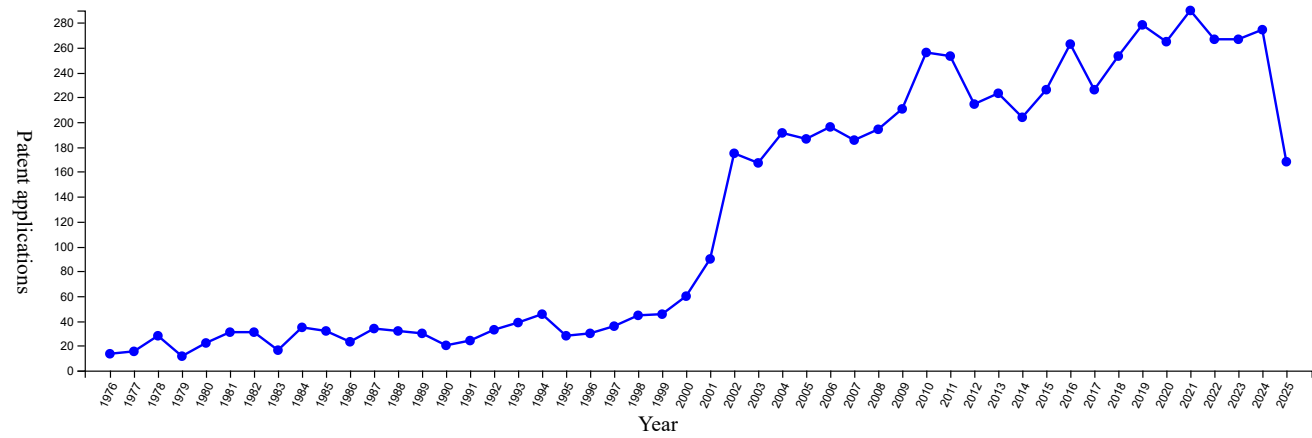
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2025	168	0	168
2024	275	0	275
2023	267	0	267
2022	267	0	267
2021	290	0	290
2020	265	0	265
2019	278	0	278
2018	253	0	253
2017	226	0	226

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2023	267	4.00 %
2022	267	4.00 %
2021	290	5.00 %
2020	265	4.00 %
2019	278	4.00 %
2018	253	4.00 %
2017	226	4.00 %