



# Top 300 Organizations Granted U.S. Patents in 2018

36<sup>th</sup> Annual Listing

*This list of organizations that received the most U.S. utility patents is being published by IPO for the 36th consecutive year. It is based on data obtained from the U.S. Patent and Trademark Office.*

*Italics identify companies for which patents granted to subsidiaries are combined with patents granted to the parent. See the end notes for more information. IPO makes reasonable efforts to avoid errors but cannot guarantee accuracy.*

*July 2, 2019*

## 2018 Patent Owners Numerical Listing

Use care in interpreting the “percent change from 2017” column. The total number of patents granted by the USPTO in 2018 was 307,759, down 3.5 percent from 2017. The percent change for an individual organization could be affected by mergers, acquisitions, divestitures, inconsistent treatment of subsidiaries in 2017 and 2018, and many other factors.

Rank	Organization	2018 Patents	Percent Change From 2017	Rank	Organization	2018 Patents	Percent Change From 2017
1	<i>International Business Machines Corp.</i>	9,088	1.0	38	<i>Koninklijke Philips N.V.</i>	919	-5.9
2	Samsung Electronics Co., Ltd.	5,836	0.4	39	Denso Corp.	902	4.3
3	<i>Canon K.K.</i>	3,206	-14.3	40	<i>Cisco Technology, Inc.</i>	889	-11.2
4	<i>General Electric Co.</i>	2,769	-7.9	41	<i>Nokia Corp.</i>	881	-56.8
5	Intel Corp.	2,728	-36.6	42	Semiconductor Energy Laboratory Co., Ltd.	870	-11.8
6	<i>Alphabet Inc.</i>	2,597	-18.0	43	Honda Motor Co., Ltd.	860	0.7
7	LG Electronics Inc.	2,473	-9.0	44	Halliburton Energy Services, Inc.	806	8.4
8	Taiwan Semiconductor Manufacturing Co., Ltd.	2,448	1.6	45	SK Hynix Inc.	796	-17.8
9	<i>Microsoft Corp.</i>	2,385	-9.1	46	Texas Instruments, Inc.	785	-17.6
10	Qualcomm, Inc.	2,300	-18.6	47	Murata Manufacturing Co., Ltd.	737	23.6
11	Apple, Inc.	2,147	-3.6	48	<i>HP Inc.</i>	732	13.9
12	<i>Dell Technologies</i>	2,136	21.3	49	NEC Corp.	710	-14.9
13	<i>Toyota Motor Corp.</i>	2,127	new	50	<i>Bayer Intellectual Property GmbH</i>	702	58.7
14	Ford Global Technologies, LLC	2,123	11.6	51	Toshiba Memory Corp.	696	new
15	<i>United Technologies Corp.</i>	2,121	32.9	52	Oracle International Corp.	685	-9.9
16	Amazon Technologies, Inc.	2,035	3.7	53	LG Display Co., Ltd.	681	11.3
17	Samsung Display Co., Ltd.	1,944	-16.6	54	<i>STMicroelectronics, Inc.</i>	659	-2.4
18	Sony Corp.	1,681	-25.9	55	Fujifilm Corp.	652	-6.0
19	Huawei Technologies Co., Ltd.	1,680	12.4	56	<i>3M Innovative Properties Co.</i>	649	7.2
20	BOE Technology Group Co., Ltd.	1,625	15.3	57	<i>Dow Chemical</i>	646	new
21	<i>Siemens AG</i>	1,447	-6.3	58	Sharp Corp.	642	-5.8
22	Hyundai Motor Co.	1,354	4.4	59	<i>Schlumberger Technology Corp.</i>	626	-8.6
23	Telefonaktiebolaget LM Ericsson	1,353	-14.6	60	Shenzhen China Star Optoelectronics Technology Co., Ltd.	623	-13.8
24	Seiko Epson Corp.	1,285	-9.3	61	LG Chem., Ltd.	619	-2.4
25	<i>Medtronic Inc.</i>	1,277	-10.7	62	Infineon Technologies AG	614	-10.3
26	<i>AT&amp;T Corp.</i>	1,264	0.1	63	Brother Kogyo K.K.	612	-15.2
27	Panasonic Intellectual Property Management Co., Ltd.	1,252	-6.9	64	Japan Display Inc.	610	9.3
28	Boeing Co.	1,224	4.3	65	Facebook, Inc.	602	-9.6
29	Mitsubishi Denki K.K.	1,100	-3.8	66	Olympus Corp.	599	-2.3
30	Toshiba Corp.	1,099	-72.1	67	Konica Minolta, Inc.	587	15.7
31	Robert Bosch GmbH	1,053	-10.0		Kyocera Document Solutions Inc.	587	-7.7
32	Ricoh Co., Ltd.	1,043	-9.3	69	<i>Applied Materials, Inc.</i>	581	-1.5
33	GM Global Technology Operations LLC	1,040	-2.2		Globalfoundries Inc.	581	-34.6
34	Fujitsu Ltd.	1,035	-47.9	71	Renesas Electronics Corp.	559	-7.5
	<i>Johnson &amp; Johnson</i>	1,035	-10.8	72	University of California, The Regents of	526	0.4
36	<i>Honeywell International Inc.</i>	991	-4.5				
37	<i>Micron Technology, Inc.</i>	923	12.6				

**2018 Patent Owners  
Numerical Listing**

Rank	Organization	2018 Patents	Percent Change From 2017	Rank	Organization	2018 Patents	Percent Change From 2017
73	Fuji Xerox Co., Ltd.	524	-8.6	115	Massachusetts Institute of Technology	304	-0.7
74	Electronics and Telecommunications Research Institute	514	-13.8	116	Western Digital Technologies, Inc.	302	-177.2
75	<i>Caterpillar Inc.</i>	504	-18.1	117	<i>Koch Industries</i>	299	-3.7
76	<i>Verizon</i>	503	-42.1	118	Whirlpool Corp.	296	4.1
77	<i>Corning Inc.</i>	484	-13.0	119	<i>Dolby Laboratories, Inc.</i>	293	-17.4
78	<i>Roche Holdings, Inc.</i>	483	33.1	120	Raytheon Co.	292	-15.1
79	<i>SAP SE</i>	482	-8.1	121	Saudi Arabian Oil Co.	289	24.6
80	<i>Hewlett Packard Enterprise</i>	464	-8.8	122	<i>InterDigital Technology Corp.</i>	285	-2.1
81	<i>Xerox Corp.</i>	456	-28.5	123	<i>Deere &amp; Co.</i>	284	-15.5
82	Procter & Gamble Co.	450	-4.2		Industrial Technology Research Institute, Taiwan	284	-9.9
83	Intel IP Corp.	446	new		Nissan Motor Co., Ltd.	284	-25.7
84	Kyocera Corp.	439	-15.9	126	Boston Scientific Scimed, Inc.	282	52.5
85	Mediatek Inc.	437	8.9	126	NXP B.V.	282	-5.0
86	<i>DuPont</i>	430	-8.1	128	Avago Technologies General IP (Singapore) Pte. Ltd.	266	-62.0
87	LG Innotek Co., Ltd.	421	-23.5		Juniper Networks, Inc.	266	2.6
88	NXP USA, Inc.	412	-46.1	130	Schaeffler Technologies AG & Co. KG	262	-3.4
89	Commissariat a l'Energie Atomique et aux Energies Alternatives	411	-11.4	131	Rohm Co., Ltd.	255	-12.2
90	Hitachi, Ltd.	407	-20.6	132	ABB (Schweiz) AG	245	0.8
91	<i>Sprint Corp.</i>	398	1.8	133	LAM Research Corp.	243	17.3
92	Seagate Technology, LLC	395	-15.7	134	Illinois Tool Works Inc.	239	-4.6
93	<i>Rolls-Royce PLC</i>	393	8.7	135	Toshiba Medical Systems Corp.	235	new
94	ZTE Corp.	389	-4.6	136	Commscope Technologies LLC	228	-18.4
95	Fanuc Corp.	387	22.7		Disney Enterprises, Inc.	228	0.4
96	Nike, Inc.	386	3.6		Paypal, Inc.	228	11.4
97	Tokyo Electron Ltd.	373	-8.0	139	Hitachi Automotive Systems, Ltd.	227	-3.5
98	Sandisk Technologies Inc.	366	new	140	Stanford University	226	9.7
99	BASF SE	361	-15.0	141	Nikon Corp.	223	4.9
100	<i>ExxonMobil Corp.</i>	357	5.0	142	Ebay Inc.	219	-0.5
101	Futurewei Technologies, Inc.	352	2.0	143	Empire Technology Development LLC	215	-46.0
102	Adobe Inc.	343	2.6	144	ASML Netherlands B.V.	212	-5.2
103	United States of America, Navy	342	-3.5	145	King Fahd University of Petroleum and Minerals	209	20.1
104	United Microelectronics Corp.	338	-3.8	146	Wuhan China Star Optoelectronics Technology Co., Ltd.	208	new
105	Blackberry Ltd.	337	-50.1	147	ARM Ltd.	205	4.9
106	Samsung SDI Co., Ltd.	336	-18.2		Casio Computer Co. Ltd.	205	-0.5
107	Philips Lighting Holding B.V.	335	6.3		Cook Medical Technologies LLC	205	9.3
108	Samsung Electro-Mechanics Co., Ltd.	329	14.6		Nichia Corp.	205	4.4
109	Fuji Electric Co., Ltd.	324	13.9	151	Novartis AG	202	-29.7
110	Tencent Technology (Shenzhen) Co., Ltd.	319	-11.0	152	Sun Patent Trust	201	-1.5
111	Bank of America Corp.	318	9.4	153	State Farm Mutual Automobile Insurance Co.	200	new
112	Yazaki Corp.	316	-10.4				
113	Semiconductor Components Industries, LLC	308	29.5				
114	CNH Industrial America LLC	305	10.8				

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154	Red Hat, Inc.	199	3.5	196	Haier US Appliance Solutions, Inc.	160	-5.0
155	Salesforce.com, Inc.	198	-6.6	197	Kawasaki Jukogyo K.K.	159	11.3
156	Nvidia Corp.	197	-41.6		LSIS Co., Ltd.	159	-6.3
	Shin Etsu Chemical Co., Ltd.	197	-7.1		Marvell International Ltd.	159	-45.3
	Skyworks Solutions, Inc.	197	-4.6		NTT Docomo, Inc.	159	-20.8
159	CA, Inc.	193	-5.7		<i>Xperi Corp.</i>	159	-28.3
160	Sumitomo Electric Industries, Ltd.	193	-32.1	202	<i>Nielsen</i>	158	5.1
161	Continental Automotive GmbH	191	1.0		Nitto Denko Corp.	158	-7.6
162	Infineon Technologies Austria AG	189	-28.0	204	Wisconsin Alumni Research Foundation	157	-3.2
163	Panasonic Intellectual Property Corp. of America	188	9.0	205	Acushnet Co.	155	9.7
	Sonos, Inc.	188	29.3		Evonik Degussa GmbH	155	8.4
165	Bayerische Motoren Werke AG	187	7.0		Societe Naionale d'Etude et de Construction de Moteurs d'Aviation	155	-51.6
	University of Texas	187	-17.1		Thales	155	-14.8
167	Elwha LLC	186	-58.1	209	Qorvo US, Inc.	154	18.8
	TDK Corp.	186	-4.3		Shimano Inc.	154	4.5
169	Eaton Intelligent Power Ltd.	185	new		Sony Interactive Entertainment Inc.	154	new
170	Merck Patent GmbH	184	-12.0	212	AAC Technologies Pte. Ltd.	153	new
	Nippon Steel & Sumitomo Metal Corp.	184	14.7		Mazda Motor Corp.	153	new
	Xiaomi Inc.	184	25.0	214	Advanced Micro Devices, Inc.	151	9.3
173	Lenovo (Singapore) Pte. Ltd.	182	1.6		<i>TE Connectivity</i>	151	-99.3
	Sumitomo Rubber Industries, Ltd.	182	34.6	216	Hitachi High-Technologies Corp.	150	-23.3
175	Thomson Licensing S.A.	181	-33.7	217	Rockwell Automation Technoogies, Inc.	149	-20.1
176	Borgwarner Inc.	180	21.7		Rovi Guides, Inc.	149	14.1
177	Globus Medical Inc.	178	15.7	219	Omron Corp.	148	0.0
178	Audi AG	177	-26.0		Symantec Corp.	148	-44.6
	KLA-Tencor Corp.	177	-8.5	221	Daikin Industries Ltd.	147	-5.4
	<i>Merck &amp; Co., Inc.</i>	177	-14.7	222	Toray Industries Inc.	146	6.8
181	Bridgestone Corp.	175	2.3	223	Comcast Cable Communications, LLC	145	-11.7
	<i>Northrop Grumman Systems Corp.</i>	175	13.1	224	Panasonic Corp.	143	-4.2
183	Synaptics, Inc.	172	14.0	225	Aktiebolaget SKF	142	-24.6
184	Jtekt Corp.	170	15.3		Becton, Dickinson and Co.	142	-179.6
	<i>Visa Inc.</i>	170	new	227	Aisin Seiki K.K.	141	-7.1
186	L'OREAL S.A.	168	11.3		Alibaba Group Holding Ltd.	141	7.8
	<i>Sanofi</i>	168	-69.0		Bose Corp.	141	0.7
	Sumitomo Chemical Co., Ltd.	168	-12.5		Carl Zeiss SMT GmbH	141	-7.1
189	Here Global B.V.	167	11.4		Immersion Corp.	141	new
190	Lockheed Martin Corp.	165	-3.6		Rockwell Collins, Inc.	141	-22.0
191	Ecolab USA Inc.	164	0.6	233	Altera Corp.	140	new
192	California Institute of Technology	163	8.0		Compagnie Generale des Etablissement Michelin	140	0.0
	Mitsubishi Heavy Industries, Ltd.	163	-162.0		Delta Electronics Inc.	140	-2.9
194	<i>Capital One</i>	162	new		HTC Corp.	140	-42.9
195	<i>BAE Systems</i>	161	4.3				

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237	Oath Inc.	139	new	278	Hitachi Metals Ltd.	125	-26.4
238	Mastercard International, Inc.	138	new		Osram Opto Semiconductors GmbH	125	-47.2
	Nestec, S.A.	138	1.4		Rambus, Inc.	125	-28.8
	T-Mobile, USA, Inc.	138	10.1	281	Fujikura Ltd.	124	new
241	Airbus Operations GmbH	137	-46.0	282	Mahle International GmbH	123	-35.8
	Harvard College, President and Fellows	137	-13.9		Weatherford Technology Holdings, LLC	123	new
	National Technology & Engineering Solutions of Sandia, LLC	137	new	284	International Game Technology	122	-29.5
	Xilinx, Inc.	137	2.2		Marvell World Trade Ltd.	122	-23.0
245	Semiconductor Manufacturing International (Shanghai) Corp.	136	-33.8		Toshiba Tec K.K.	122	new
246	Motorola-Mobility, Inc.	135	new	287	Citrix Systems, Inc.	121	-6.6
247	Foxconn Interconnect Technology Ltd.	134	-20.9		Intuit, Inc.	121	new
	Intuitive Surgical Operations, Inc.	134	11.9	289	Autonetworks Technologies, Ltd.	120	new
	United States of America, Army	134	-6.0	290	GoPro Inc.	119	new
	Volkswagen Aktiengesellschaft	134	new		NGK Spark Plug Co., Ltd.	119	2.5
251	Life Technologies Corp.	133	new	292	NetApp, Inc.	118	-105.9
	Shimadzu Corp.	133	-13.5		Nintendo Co., Ltd.	118	-36.4
	Terumo Corp.	133	new		Sony Semiconductor Solutions Corp.	118	new
254	Cree, Inc.	132	-56.1	295	Uber Technologies, Inc.	117	new
	Johns Hopkins University	132	-24.2		United States of America, National Aeronautics and Space Administration	117	0.0
256	United Services Automobile Association	131	new	297	Motorola Solutions, Inc.	116	-10.3
	Walmart Apollo, LLC	131	new		Toyoda Gosei K.K.	116	new
258	Accenture Global Services Ltd.	130	-16.9	299	Cirrus Logic, Inc.	115	new
	Fortinet, Inc.	130	new		Sabic Global Technologies B.V.	115	new
	Syngenta Participations AG	130	-18.5				
	University of Michigan	130	1.5				
262	Colgate-Palmolive Co.	129	0.8				
	Excalibur IP, LLC	129	0.8				
	Open Invention Network, LLC	129	-5.4				
	Stanley Black & Decker, Inc.	129	2.3				
266	JFE Steel Corp.	128	10.2				
	Wistron Corp.	128	-46.1				
268	Arizona State University	127	new				
	AU Optronics Corp.	127	-22.8				
	NGK Insulators Ltd.	127	new				
	United States of America, Department of Health & Human Services	127	-3.9				
272	Arris Enterprises, LLC	126	1.6				
	General Hospital Corp.	126	8.7				
	Jaguar Land Rover Ltd.	126	new				
	Purdue Research Foundation	126	new				
	Tsinghua University	126	-39.7				
	ZF Freidrichshafen, AG	126	-16.7				

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212	AAC Technologies Pte. Ltd.	153	new	63	Brother Kogyo K.K.	612	-15.2
132	ABB (Schweiz) AG	245	0.8	159	CA, Inc.	193	-5.7
258	Accenture Global Services Ltd.	130	-16.9	192	California Institute of Technology	163	8.0
205	Acushnet Co.	155	9.7	3	Canon K.K.	3,206	-14.3
102	Adobe Inc.	343	2.6	194	Capital One	162	new
214	Advanced Micro Devices, Inc.	151	9.3	227	Carl Zeiss SMT GmbH	141	-7.1
241	Airbus Operations GmbH	137	-46.0	147	Casio Computer Co. Ltd.	205	-0.5
227	Aisin Seiki K.K.	141	-7.1	75	Caterpillar Inc.	504	-18.1
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268	Arizona State University	127	new	136	Commscope Technologies LLC	228	-18.4
147	ARM Ltd.	205	4.9	233	Compagnie Generale des Etablissement Michelin	140	0.0
272	Arris Enterprises, LLC	126	1.6	161	Continental Automotive GmbH	191	1.0
144	ASML Netherlands B.V.	212	-5.2	147	Cook Medical Technologies LLC	205	9.3
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99	BASF SE	361	-15.0	136	Disney Enterprises, Inc.	228	0.4
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143	Empire Technology Development LLC	215	-46.0	162	Infineon Technologies Austria AG	189	-28.0
205	Evonik Degussa GmbH	155	8.4	5	Intel Corp.	2,728	-36.6
262	Excalibur IP, LLC	129	0.8	83	Intel IP Corp.	446	new
100	<i>ExxonMobil Corp.</i>	357	5.0	122	<i>InterDigital Technology Corp.</i>	285	-2.1
65	Facebook, Inc.	602	-9.6	1	<i>International Business Machines Corp.</i>	9,088	1.0
95	Fanuc Corp.	387	22.7	284	International Game Technology	122	-29.5
14	Ford Global Technologies, LLC	2,123	11.6	287	Intuit, Inc.	121	new
258	Fortinet, Inc.	130	new	247	Intuitive Surgical Operations, Inc.	134	11.9
247	Foxconn Interconnect Technology Ltd.	134	-20.9	272	Jaguar Land Rover Ltd.	126	new
109	Fuji Electric Co., Ltd.	324	13.9	64	Japan Display Inc.	610	9.3
73	Fuji Xerox Co., Ltd.	524	-8.6	266	JFE Steel Corp.	128	10.2
55	Fujifilm Corp.	652	-6.0	254	Johns Hopkins University	132	-24.2
281	Fujikura Ltd.	124	new	34	<i>Johnson &amp; Johnson</i>	1,035	-10.8
34	Fujitsu Ltd.	1,035	-47.9	184	Jtekt Corp.	170	15.3
101	Futurewei Technologies, Inc.	352	2.0	128	Juniper Networks, Inc.	266	2.6
4	<i>General Electric Co.</i>	2,769	-7.9	197	Kawasaki Jukogyo K.K.	159	11.3
272	General Hospital Corp.	126	8.7	145	King Fahd University of Petroleum and Minerals	209	20.1
69	Globalfoundries Inc.	581	-34.6	178	KLA-Tencor Corp.	177	-8.5
177	Globus Medical Inc.	178	15.7	117	<i>Koch Industries</i>	299	-3.7
33	GM Global Technology Operations LLC	1,040	-2.2	67	Konica Minolta, Inc.	587	15.7
290	GoPro Inc.	119	new	38	<i>Koninklijke Philips N.V.</i>	919	-5.9
196	Haier US Appliance Solutions, Inc.	160	-5.0	84	Kyocera Corp.	439	-15.9
44	Halliburton Energy Services, Inc.	806	8.4	67	Kyocera Document Solutions Inc.	587	-7.7
241	Harvard College, President and Fellows	137	-13.9	133	LAM Research Corp.	243	17.3
189	Here Global B.V.	167	11.4	173	Lenovo (Singapore) Pte. Ltd.	182	1.6
80	<i>Hewlett Packard Enterprise</i>	464	-8.8	61	LG Chem., Ltd.	619	-2.4
139	Hitachi Automotive Systems, Ltd.	227	-3.5	53	LG Display Co., Ltd.	681	11.3
216	Hitachi High-Technologies Corp.	150	-23.3	7	LG Electronics Inc.	2,473	-9.0
278	Hitachi Metals Ltd.	125	-26.4	87	LG Innotek Co., Ltd.	421	-23.5
90	Hitachi, Ltd.	407	-20.6	251	Life Technologies Corp.	133	new
43	Honda Motor Co., Ltd.	860	0.7	190	Lockheed Martin Corp.	165	-3.6
36	<i>Honeywell International Inc.</i>	991	-4.5	186	L'Oreal S.A.	168	11.3
48	<i>HP Inc.</i>	732	13.9	197	LSIS Co., Ltd.	159	-6.3
233	HTC Corp.	140	-42.9	282	Mahle International GmbH	123	-35.8
19	Huawei Technologies Co., Ltd.	1,680	12.4	197	Marvell International Ltd.	159	-45.3
22	Hyundai Motor Co.	1,354	4.4	284	Marvell World Trade Ltd.	122	-23.0
134	Illinois Tool Works Inc.	239	-4.6	115	Massachusetts Institute of Technology	304	-0.7
227	Immersion Corp.	141	new	238	Mastercard International, Inc.	138	new
				212	Mazda Motor Corp.	153	new
				85	Mediatek Inc.	437	8.9

**2018 Patent Owners  
Alphabetical Listing**

Rank	Organization	2018 Patents	Percent Change From 2017	Rank	Organization	2018 Patents	Percent Change From 2017
25	Medtronic Inc.	1,277	-10.7	107	Philips Lighting Holding B.V.	335	6.3
178	Merck & Co., Inc.	177	-14.7	82	Procter & Gamble Co.	450	-4.2
170	Merck Patent GmbH	184	-12.0	272	Purdue Research Foundation	126	new
37	Micron Technology, Inc.	923	12.6	209	Qorvo US, Inc.	154	18.8
9	Microsoft Corp.	2,385	-9.1	10	Qualcomm, Inc.	2,300	-18.6
29	Mitsubishi Denki K.K.	1,100	-3.8	278	Rambus, Inc.	125	-28.8
192	Mitsubishi Heavy Industries, Ltd.	163	-162.0	120	Raytheon Co.	292	-15.1
297	Motorola Solutions, Inc.	116	-10.3	154	Red Hat, Inc.	199	3.5
246	Motorola-Mobility, Inc.	135	new	71	Renesas Electronics Corp.	559	-7.5
47	Murata Manufacturing Co., Ltd.	737	23.6	32	Ricoh Co., Ltd.	1,043	-9.3
241	National Technology & Engineering Solutions of Sandia, LLC	137	new	31	Robert Bosch GmbH	1,053	-10.0
49	NEC Corp.	710	-14.9	78	Roche Holdings, Inc.	483	33.1
238	Nestec, S.A.	138	1.4	217	Rockwell Automation Technologies, Inc.	149	-20.1
292	NetApp, Inc.	118	-105.9	227	Rockwell Collins, Inc.	141	-22.0
268	NGK Insulators Ltd.	127	new	131	Rohm Co., Ltd.	255	-12.2
290	NGK Spark Plug Co., Ltd.	119	2.5	93	Rolls-Royce PLC	393	8.7
147	Nichia Corp.	205	4.4	217	Rovi Guides, Inc.	149	14.1
202	Nielsen	158	5.1	299	Sabir Global Technologies B.V.	115	new
96	Nike, Inc.	386	3.6	155	Salesforce.com, Inc.	198	-6.6
141	Nikon Corp.	223	4.9	17	Samsung Display Co., Ltd.	1,944	-16.6
292	Nintendo Co., Ltd.	118	-36.4	108	Samsung Electro-Mechanics Co., Ltd.	329	14.6
170	Nippon Steel & Sumitomo Metal Corp.	184	14.7	2	Samsung Electronics Co., Ltd.	5,836	0.4
123	Nissan Motor Co., Ltd.	284	-25.7	106	Samsung SDI Co., Ltd.	336	-18.2
202	Nitto Denko Corp.	158	-7.6	98	Sandisk Technologies Inc.	366	new
41	Nokia Corp.	881	-56.8	186	Sanofi	168	-69.0
181	Northrop Grumman Systems Corp.	175	13.1	79	SAP SE	482	-8.1
151	Novartis AG	202	-29.7	121	Saudi Arabian Oil Co.	289	24.6
197	NTT Docomo, Inc.	159	-20.8	130	Schaeffler Technologies AG & Co. KG	262	-3.4
156	Nvidia Corp.	197	-41.6	59	Schlumberger Technology Corp.	626	-8.6
126	NXP B.V.	282	-5.0	92	Seagate Technology, LLC	395	-15.7
88	NXP USA, Inc.	412	-46.1	24	Seiko Epson Corp.	1,285	-9.3
237	Oath Inc.	139	new	113	Semiconductor Components Industries, LLC	308	29.5
66	Olympus Corp.	599	-2.3	42	Semiconductor Energy Laboratory Co., Ltd.	870	-11.8
219	Omron Corp.	148	0.0	245	Semiconductor Manufacturing International (Shanghai) Corp.	136	-33.8
262	Open Invention Network, LLC	129	-5.4	58	Sharp Corp.	642	-5.8
52	Oracle International Corp.	685	-9.9	60	Shenzhen China Star Optoelectronics Technology Co., Ltd.	623	-13.8
278	Osram Opto Semiconductors GmbH	125	-47.2	251	Shimadzu Corp.	133	-13.5
224	Panasonic Corp.	143	-4.2	209	Shimano Inc.	154	4.5
163	Panasonic Intellectual Property Corp. of America	188	9.0	156	Shin Etsu Chemical Co., Ltd.	197	-7.1
27	Panasonic Intellectual Property Management Co., Ltd.	1,252	-6.9	21	Siemens AG	1,447	-6.3
136	Paypal, Inc.	228	11.4	45	SK Hynix Inc.	796	-17.8



**2018 Patent Owners  
Alphabetical Listing**

Rank	Organization	2018 Patents	Percent Change From 2017	Rank	Organization	2018 Patents	Percent Change From 2017
156	Skyworks Solutions, Inc.	197	-4.6	256	United Services Automobile Association	131	new
205	Societe Naionale d'Etude et de Construction de Moteurs d'Aviation	155	-51.6	247	United States of America, Army	134	-6.0
163	Sonos, Inc.	188	29.3	268	United States of America, Department of Health & Human Services	127	-3.9
18	Sony Corp.	1,681	-25.9	295	United States of America, National Aeronautics and Space Administration	117	0.0
209	Sony Interactive Entertainment Inc.	154	new	103	United States of America, Navy	342	-3.5
292	Sony Semiconductor Solutions Corp.	118	new	15	United Technologies Corp.	2,121	32.9
91	Sprint Corp.	398	1.8	72	University of California, The Regents of	526	0.4
140	Stanford University	226	9.7	258	University of Michigan	130	1.5
262	Stanley Black & Decker, Inc.	129	2.3	165	University of Texas	187	-17.1
153	State Farm Mutual Automobile Insurance Co.	200	new	76	Verizon	503	-42.1
54	STMicroelectronics, Inc.	659	-2.4	184	Visa Inc.	170	new
186	Sumitomo Chemical Co., Ltd.	168	-12.5	247	Volkswagen Aktiengesellschaft	134	new
159	Sumitomo Electric Industries, Ltd.	193	-32.1	256	Walmart Apollo, LLC	131	new
173	Sumitomo Rubber Industries, Ltd.	182	34.6	282	Weatherford Technology Holdings, LLC	123	new
152	Sun Patent Trust	201	-1.5	116	Western Digital Technologies, Inc.	302	-177.2
219	Symantec Corp.	148	-44.6	117	Whirlpool Corp.	296	4.1
183	Synaptics, Inc.	172	14.0	204	Wisconsin Alumni Research Foundation	157	-3.2
258	Syngenta Participations AG	130	-18.5	266	Wistron Corp.	128	-46.1
8	Taiwan Semiconductor Manufacturing Co., Ltd.	2,448	1.6	146	Wuhan China Star Optoelectronics Technology Co., Ltd.	208	new
167	TDK Corp.	186	-4.3	81	Xerox Corp.	456	-28.5
214	TE Connectivity	151	-99.3	170	Xiaomi Inc.	184	25.0
23	Telefonaktiebolaget LM Ericsson	1,353	-14.6	241	Xilinx, Inc.	137	2.2
110	Tencent Technology (Shenzhen) Co., Ltd.	319	-11.0	197	Xperi Corp.	159	-28.3
251	Terumo Corp.	133	new	112	Yazaki Corp.	316	-10.4
46	Texas Instruments, Inc.	785	-17.6	272	ZF Freidrichshafen, AG	126	-16.7
205	Thales	155	-14.8	94	ZTE Corp.	389	-4.6
175	Thomson Licensing S.A.	181	-33.7				
238	T-Mobile, USA, Inc.	138	10.1				
97	Tokyo Electron Ltd.	373	-8.0				
222	Toray Industries Inc.	146	6.8				
30	Toshiba Corp.	1,099	-72.1				
135	Toshiba Medical Systems Corp.	235	new				
51	Toshiba Memory Corp.	696	new				
284	Toshiba Tec K.K.	122	new				
297	Toyoda Gosei K.K.	116	new				
13	Toyota Motor Corp.	2,127	new				
272	Tsinghua University	126	-39.7				
295	Uber Technologies, Inc.	117	new				
104	United Microelectronics Corp.	338	-3.8				

## END NOTES:

1. “New” in the percent change column indicates that the company was not on the 2017 Top 300 list.
2. The number of patents granted does not necessarily indicate the value of a company’s technology, the effectiveness of its R&D, or whether it will be profitable. The number of patents per company varies widely from industry to industry and from company to company within an industry.
3. This report was compiled by IPO from data provided by the U.S. Patent and Trademark Office. Patents reported are utility patents granted during calendar year 2018 that listed the organization or a subsidiary as the owner on the printed patent document. Patents in the name of a majority-owned subsidiary are included with patents of the parent organization if the organization asked IPO to include subsidiaries. Patents that were granted to two or more organizations jointly are attributed to the organization listed first on the patent document. Companies for which patents granted to subsidiaries are combined with patents granted to the parent are printed in italics
4. The number of utility patents granted by the USPTO decreased to 307,759 in 2018 from 318,829 in 2017.
5. IPO has published this report annually since 1984 as a service to its members. For annual lists, go to <https://www.ipo.org/index.php/resources/>.
6. For next year’s list, IPO will include patents of majority-owned subsidiaries under the name of the parent if the parent provides the names of such subsidiaries to IPO at [info@ipo.org](mailto:info@ipo.org) by 1 March 2020.