



Intellectual  
Property  
Owners  
Association

# Top 300 Organizations Granted U.S. Patents in 2006

## Numerical and Alphabetical Listings

### NOTE: NUMBERS OF PATENTS AND NEW PATENT QUALITY METRICS

*In January 2007 the U.S. Patent & Trademark Office announced that it will no longer release an annual list of the ten organizations receiving the most U.S. patents. The USPTO said, "In ceasing publication of the top ten list, the USPTO is emphasizing quality over quantity by discouraging any perception that we believe more is better." U.S. patent filings are increasing more than 8 percent annually. According to the World Intellectual Property Organization, worldwide patent filings increased an average of only 4.75 percent annually between 1995 and 2004. Some critics of the U.S. patent system complain that companies are compounding the USPTO's workload problems by applying for too many patents.*

*IPO will continue to publish numbers of patents, however, because they are currently one of the few objective measures of the patent system. IPO does not intend for these numbers to encourage organizations to obtain more patents merely for the sake of obtaining more patents. In the March 2006 President's Column, posted on the IPO website at [www.ipo.org/MeasuringPatentQuality](http://www.ipo.org/MeasuringPatentQuality), Marc S. Adler discussed possible new measures of patent quality and the effect of excessive patent filings. IPO has formed a Quality Metrics Task Force with members including Dupont Co. and IBM Corp. IPO is leading the discussion to create objective measures of patent quality to help everyone focus more on what truly creates enduring value -- quality.*

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## 2006 Patent Owners Numerical Listing

Rank	Organization	Patents	Rank	Organization	Patents
1	International Business Machines Corp.	3,621	45	General Motors Corp.	492
2	Hitachi, Ltd.	2,581	46	3M Innovative Properties Co.	489
3	Samsung Electronics Co., Ltd.	2,451	47	Boeing Co.	478
4	Canon K.K.	2,438	48	Taiwan Semiconductor Manufacturing Co., Ltd.	471
5	Matsushita Electric Industrial Co., Ltd.	2,360	49	Agilent Technologies, Inc.	469
6	Hewlett-Packard Development Company, L.P.	2,111	50	Advanced Micro Devices, Inc.	439
7	Intel Corp.	1,959	51	Hynix Semiconductor Inc.	439
8	Sony Corp.	1,906	52	Hon Hai Precision Ind. Co., Ltd.	432
9	Toshiba Corp.	1,820	53	Qualcomm, Inc.	419
10	Micron Technology, Inc.	1,673	54	Regents of the University of California	410
11	Siemens A.G.	1,622	55	Semiconductor Energy Laboratory Co., Ltd.	405
12	Fujitsu Ltd.	1,487	56	United Technologies Corp.	393
13	Microsoft Corp.	1,473	57	Delphi Technologies, Inc.	389
14	General Electric Co.	1,414	58	LSI Logic Corp.	385
15	Koninklijke Philips Electronics N.V.	1,355	59	Toyota Jidosha K.K.	384
16	Seiko Epson Corp.	1,200	60	Ford Global Technologies, LLC	379
17	Infineon Technologies AG	914	61	Applied Materials, Inc.	375
18	Fuji Photo Film Co., Ltd.	906	62	Procter & Gamble Co.	359
19	Texas Instruments, Inc.	883	63	Telefonaktiebolaget LM Ericsson	359
20	Sun Microsystems, Inc.	849	64	BASF Group	350
21	Honda Motor Co., Ltd.	778	65	Pfizer Inc.	345
22	Nokia Corp.	755	66	Seagate Technology, LLC	345
23	Denson Corp.	732	67	Konica Corp.	328
24	NEC Corp.	728	68	Nissan Motor Co., Ltd.	328
25	Eastman Kodak Co.	706	69	Nortel Networks Ltd.	321
26	LG Electronics Inc.	694	70	OKI Electric Industry Co., Ltd.	318
27	Ricoh Co., Ltd.	693	71	ASML Netherlands B.V.	298
28	Motorola, Inc.	681	72	TDK Corp.	292
29	Sharp Corp.	665	73	Freescale Semiconductor, Inc.	287
30	Broadcom Corp.	660	74	Halliburton Energy Services, Inc.	279
31	Robert Bosch GmbH	651	75	United States of America, Navy	270
32	Cisco Technology, Inc.	649	76	Pioneer Corp.	266
33	Honeywell International Inc.	643	77	Xilinx, Inc.	261
34	AT&T Corp.	641	78	National Semiconductor Corp.	259
35	Mitsubishi Denki K.K.	610	79	Illinois Tool Works Inc.	255
36	Renesas Technology Corp.	583	80	Industrial Technology Research Institute, Taiwan	255
37	Lucent Technologies Inc.	552	81	Alcatel	251
38	E. I. du Pont de Nemours and Co.	531	82	Olympus Corp.	248
39	Sanyo Electric Co., Ltd.	516	83	Thomson Licensing S.A.	248
40	Johnson & Johnson	516	84	Fuji Xerox Co., Ltd.	247
41	Boston Scientific Corp.	514	85	Schlumberger Technology Corp.	246
42	Silverbrook Research Pty., Ltd.	510	86	Altera Corp.	245
43	Xerox Corp.	501	87	Agere Systems Inc.	240
44	STMicroelectronics N.V.	495	88	Brother Kogyo K.K.	238

**2006 Patent Owners  
Numerical Listing**

Rank	Organization	Patents	Rank	Organization	Patents
89	Medtronic Inc.	233	135	Verizon	138
90	ExxonMobil Corp.	229	136	Visteon Global Technologies, Inc.	138
91	Lockheed Martin Corp.	229	137	Eaton Corp.	136
92	Kimberly-Clark Worldwide, Inc.	224	138	NTT Docomo, Inc.	135
93	Black & Decker Inc.	219	139	Baker Hughes Inc.	134
94	Interdigital Technology Corp.	215	140	Sumitomo Wiring Systems, Ltd.	134
95	NEC Electronics Corp.	215	141	Corning Inc.	133
96	Oracle International Corp.	214	142	Hyundai Motor Co.	133
97	Tokyo Electron Ltd.	211	143	Finisar Corp.	130
98	Raytheon Co.	207	144	Goodyear Tire & Rubber Co.	130
99	Bristol-Myers Squibb Co.	201	145	Merck & Co., Inc.	130
100	Lear Corp.	198	146	KLA-Tencor Technologies Corp.	128
101	Sprint Communications Co., L.P.	193	147	Minebea Co., Ltd.	128
102	VIA Technologies, Inc.	188	148	Samsung Electro-Mechanics Co., Ltd.	126
103	Alps Electric Co., Ltd.	187	149	Acushnet Co.	125
104	Shell Oil Co.	185	150	NGK Insulators Ltd.	125
105	Daimler-Chrysler AG	183	151	Council of Scientific and Industrial Research	123
106	United States of America, Army	181	152	United States of America, Health & Human Services	122
107	Sanofi-Aventis Deutschland GmbH	178	153	Battelle Memorial Institute	121
108	Murata Manufacturing Co., Ltd.	176	154	Symbol Technologies, Inc.	121
109	Electronics and Telecommunications Research Institute	171	155	Dell Products, L.P.	119
110	Minolta Camera Co., Ltd.	169	156	Lexmark International, Inc.	118
111	Yamaha Corp.	169	157	Cadence Design Systems, Inc.	117
112	AU Optronics Corp.	168	158	Schering Corp.	117
113	Sharp Laboratories of America, Inc.	164	159	ADC Telecommunications, Inc.	116
114	Cypress Semiconductor Corp.	163	160	Wyeth	116
115	GlaxoSmithKline	163	161	California Institute of Technology Corp.	115
116	Rohm Co. Ltd.	163	162	Alstom Technology Ltd.	114
117	Northrop Grumman Corp.	162	163	Ciba Specialty Chemicals Corp.	114
118	Samsung SDI Co., Ltd.	162	164	Funai Electric Co., Ltd.	114
119	EMC Corp.	161	165	Ben Q Corp.	112
120	Sumitomo Electric Industries Co., Ltd.	160	166	NCR Corp.	112
121	Deere & Co.	159	167	LAM Research Corp.	110
122	EADS	157	168	Rockwell Automation Technologies, Inc.	110
123	Weatherford/Lamb, Inc.	154	169	AstraZeneca AB	109
124	Yazaki Corp.	154	170	Macronix International Co., Ltd.	109
125	L'Oreal S.A.	153	171	Nitto Denko Corp.	109
126	Bayer AG	148	172	Tyco Electronics Corp.	109
127	Roche Holdings	147	173	Marvell International Ltd.	108
128	Genentech, Inc.	146	174	Shin Etsu Chemical Co., Ltd.	107
129	Pentax Corp.	143	175	University of Texas	107
130	Caterpillar Inc.	142	176	Apple, Inc.	106
131	Nikon Corp.	142	177	CNH America LLC	106
132	Rohm and Haas Co.	142	178	Mediatek Inc.	106
133	Analog Devices, Inc.	140	179	Rolls-Royce PLC	106
134	Massachusetts Institute of Technology	139	180	Unisys Corp.	106

**2006 Patent Owners  
Numerical Listing**

Rank	Organization	Patents	Rank	Organization	Patents
181	United Microelectronics Corp.	106	227	Headway Technologies, Inc.	81
182	Western Digital Technologies, Inc.	106	228	International Game Technology (IGT)	81
183	Omron Corp.	105	229	Goodrich Corp.	80
184	Shimano Inc.	105	230	Lenovo PTE Ltd.	80
185	BAE Systems Information and Electronic Systems Integration, Inc.	104	231	Ebara Corp.	78
186	Dai Nippon Printing Co. Ltd.	103	232	Mitsubishi Electric Research Laboratories, Inc.	78
187	Amgen, Inc.	102	233	Ciena Corp.	77
188	Nvidia Corp.	102	234	Hilti AG	77
189	Sumitomo Chemical Co., Ltd.	102	235	Asahi Glass Co., Ltd.	76
190	Novartis AG	101	236	Digimarc Corp.	76
191	Rambus, Inc.	101	237	Nippon Telegraph & Telephone Corp.	76
192	Wisconsin Alumni Research Foundation	101	238	Applera Corp.	75
193	Delta Electronics Inc.	100	239	Hamamatsu Photonics K.K.	75
194	Merck Patent GmbH	100	240	National Instruments Corp.	75
195	Pacesetter, Inc.	99	241	Seiko Instruments Inc.	75
196	Stanford University	98	242	Avaya Technology Corp.	74
197	Aisin Seiki K.K.	97	243	Nan Ya Technology Corp.	74
198	KAO Corp.	97	244	Abbott Laboratories	72
199	Harris Corp.	96	245	Sumitomo Rubber Industries, Ltd.	71
200	ITT Manufacturing Enterprises, Inc.	93	246	Dongbu Electronics Co., Ltd.	70
201	Commissariat a l'Energie Atomique	92	247	Furukawa Electric Co., Ltd.	70
202	Fanuc Ltd.	91	248	Institut Francais du Petrole	70
203	Johns Hopkins University	91	249	NTN Corp.	69
204	Pitney-Bowes, Inc.	91	250	University of Michigan	69
205	Toyoda Gosei K.K.	91	251	Advanced Cardiovascular Systems, Inc.	68
206	Victor Company of Japan, Ltd.	91	252	Agfa-Gevaert N.V.	68
207	Degussa AG	90	253	ConocoPhillips Co.	68
208	Fujinon Corp.	90	254	Fuji Electric Co., Ltd.	68
209	NSK Ltd.	90	255	Komatsu Ltd.	68
210	Snecma Moteurs	90	256	Mitsubishi Heavy Industries, Ltd.	68
211	Dow Chemical Co.	89	257	NEC LCD Technologies, Ltd.	68
212	Showa Denko K.K.	88	258	SRI Sports Ltd.	68
213	Advantest Corp.	86	259	Air Products and Chemicals, Inc.	67
214	Juniper Networks, Inc.	86	260	Borgwarner Inc.	67
215	Molex Inc.	86	261	Dongbuanam Semiconductor Inc.	67
216	DaimlerChrysler Corp.	85	262	Koito Manufacturing Co. Ltd.	67
217	Henkel KGaA	85	263	Yamaha Motor Co., Ltd.	66
218	Research In Motion Ltd.	84	264	Fraunhofer-Gesellschaft zur Foerderung der Angewandten Forschung E.V.	65
219	Unilever	84	265	HRL Laboratories, LLC	65
220	3Com Corp.	83	266	McAfee, Inc.	65
221	Advanced Semiconductor Engineering, Inc.	83	267	Becton, Dickinson and Co.	64
222	Michelin Recherche et Technique S.A.	83	268	Dainippon Screen Mfg. Co., Ltd.	64
223	SanDisk Corp.	83	269	Invensys Systems, Inc.	64
224	Zahnradfabrik Friedrichshafen AG	82	270	Milliken & Co.	64
225	Boehringer Ingelheim Pharmaceuticals, Inc.	81	271	Monsanto Technology, LLC	64
226	Callaway Golf Co.	81	272	Shimadzu Corp.	64

**2006 Patent Owners  
Numerical Listing**

<b>Rank</b>	<b>Organization</b>	<b>Patents</b>	<b>Rank</b>	<b>Organization</b>	<b>Patents</b>
273	Winbond Electronics Corp.	64			
274	ARM Ltd.	63			
275	Baxter International Inc.	63			
276	Carl Zeiss SMT AG	63			
277	Kawasaki Jukogyo K.K.	63			
278	Koyo Seiko Co., Ltd.	63			
279	Thales	63			
280	Fuji Jukogyo K.K.	62			
281	Japan Science and Technology Agency	62			
282	Olympus Optical Co., Ltd.	62			
283	United States of America, National Aeronautics and Space Administration	62			
284	Ajinomoto Co. Inc.	61			
285	Chartered Semiconductor Manufacturing Ltd.	61			
286	Cornell Research Foundation Inc.	61			
287	Emerson Electric Co.	61			
288	International Rectifier Corp.	61			
289	Network Appliance, Inc.	61			
290	SDGI Holdings, Inc.	61			
291	Stine Seed Farm, Inc.	61			
292	Kaneka Corp.	60			
293	PPG Industries Ohio Inc.	60			
294	University of Florida Research Foundation, Inc.	60			
295	Adobe Systems, Inc.	59			
296	Integrated Device Technology, Inc.	59			
297	NGK Spark Plug Co., Ltd.	59			
298	Nike, Inc.	59			
299	SPX Corp.	59			
300	Uni-Charm Corp.	59			

## 2006 Patent Owners

### Alphabetical Listing

Rank	Organization	Patents	Rank	Organization	Patents
220	3Com Corp.	83	260	Borgwarner Inc.	67
46	3M Innovative Properties Co.	489	41	Boston Scientific Corp.	514
244	Abbott Laboratories	72	99	Bristol-Myers Squibb Co.	201
149	Acushnet Co.	125	30	Broadcom Corp.	660
159	ADC Telecommunications, Inc.	116	88	Brother Kogyo K.K.	238
295	Adobe Systems, Inc.	59	157	Cadence Design Systems, Inc.	117
251	Advanced Cardiovascular Systems, Inc.	68	161	California Institute of Technology	115
50	Advanced Micro Devices, Inc.	439	226	Callaway Golf Co.	81
221	Advanced Semiconductor Engineering, Inc.	83	4	Canon K.K.	2,438
213	Advantest Corp.	86	276	Carl Zeiss SMT AG	63
87	Agere Systems Inc.	240	130	Caterpillar Inc.	142
252	Agfa-Gevaert N.V.	68	285	Chartered Semiconductor Manufacturing Ltd.	61
49	Agilent Technologies, Inc.	469	163	Ciba Specialty Chemicals Corp.	114
259	Air Products and Chemicals, Inc.	67	233	Ciena Corp.	77
197	Aisin Seiki K.K.	97	32	Cisco Technology, Inc.	649
284	Ajinomoto Co. Inc.	61	177	CNH America LLC	106
81	Alcatel	251	201	Commissariat a l'Energie Atomique	92
103	Alps Electric Co., Ltd.	187	253	ConocoPhillips Co.	68
162	Alstom Technology Ltd.	114	286	Cornell Research Foundation Inc.	61
86	Altera Corp.	245	141	Corning Inc.	133
187	Amgen, Inc.	102	151	Council of Scientific and Industrial Research	123
133	Analog Devices, Inc.	140	114	Cypress Semiconductor Corp.	163
176	Apple, Inc.	106	186	Dai Nippon Printing Co. Ltd.	103
238	Applera Corp.	75	105	Daimler-Chrysler AG	183
61	Applied Materials, Inc.	375	216	DaimlerChrysler Corp.	85
274	ARM Ltd.	63	268	Dainippon Screen Mfg. Co., Ltd.	64
235	Asahi Glass Co., Ltd.	76	121	Deere & Co.	159
71	ASML Netherlands B.V.	298	207	Degussa AG	90
169	AstraZeneca AB	109	155	Dell Products, L.P.	119
34	AT&T Corp.	641	57	Delphi Technologies, Inc.	389
112	AU Optronics Corp.	168	193	Delta Electronics Inc.	100
242	Avaya Technology Corp.	74	23	Denson Corp.	732
185	BAE Systems Information and Electronic Systems Integration, Inc.	104	236	Digimarc Corp.	76
139	Baker Hughes Inc.	134	246	Dongbu Electronics Co., Ltd.	70
64	BASF Group	350	261	Dongbuanam Semiconductor Inc.	67
153	Battelle Memorial Institute	121	211	Dow Chemical Co.	89
275	Baxter International Inc.	63	38	E. I. du Pont de Nemours and Co.	531
126	Bayer AG	148	122	EADS	157
267	Becton, Dickinson and Co.	64	25	Eastman Kodak Co.	706
165	Ben Q Corp.	112	137	Eaton Corp.	136
93	Black & Decker Inc.	219	231	Ebara Corp.	78
225	Boehringer Ingelheim Pharmaceuticals, Inc.	81	109	Electronics and Telecommunications Research Institute	171
47	Boeing Co.	478	119	EMC Corp.	161

**2006 Patent Owners  
Alphabetical Listing**

Rank	Organization	Patents	Rank	Organization	Patents
287	Emerson Electric Co.	61	200	ITT Manufacturing Enterprises, Inc.	93
90	ExxonMobil Corp.	229	281	Japan Science and Technology Agency	62
202	Fanuc Ltd.	91	203	Johns Hopkins University	91
143	Finisar Corp.	130	40	Johnson & Johnson	516
60	Ford Global Technologies, LLC	379	214	Juniper Networks, Inc.	86
264	Fraunhofer-Gesellschaft zur Foerderung der Angewandten Forschung E.V.	65	292	Kaneka Corp.	60
73	Freescale Semiconductor, Inc.	287	198	KAO Corp.	97
254	Fuji Electric Co., Ltd.	68	277	Kawasaki Jukogyo K.K.	63
280	Fuji Jukogyo K.K.	62	92	Kimberly-Clark Worldwide, Inc.	224
18	Fuji Photo Film Co., Ltd.	906	146	KLA-Tencor Technologies Corp.	128
84	Fuji Xerox Co., Ltd.	247	262	Koito Manufacturing Co. Ltd.	67
208	Fujinon Corp.	90	255	Komatsu Ltd.	68
12	Fujitsu Ltd.	1,487	67	Konica Corp.	328
164	Funai Electric Co., Ltd.	114	15	Koninklijke Philips Electronics N.V.	1,355
247	Furukawa Electric Co., Ltd.	70	278	Koyo Seiko Co., Ltd.	63
128	Genentech, Inc.	146	167	LAM Research Corp.	110
14	General Electric Co.	1,414	100	Lear Corp.	198
45	General Motors Corp.	492	230	Lenovo PTE Ltd.	80
115	GlaxoSmithKline	163	156	Lexmark International, Inc.	118
229	Goodrich Corp.	80	26	LG Electronics Inc.	694
144	Goodyear Tire & Rubber Co.	130	91	Lockheed Martin Corp.	229
74	Halliburton Energy Services, Inc.	279	125	L'Oreal S.A.	153
239	Hamamatsu Photonics K.K.	75	58	LSI Logic Corp.	385
199	Harris Corp.	96	37	Lucent Technologies Inc.	552
227	Headway Technologies, Inc.	81	170	Macronix International Co., Ltd.	109
217	Henkel KGaA	85	173	Marvell International Ltd.	108
6	Hewlett-Packard Development Company, L.P.	2,111	134	Massachusetts Institute of Technology	139
234	Hilti AG	77	5	Matsushita Electric Industrial Co., Ltd.	2,360
2	Hitachi, Ltd.	2,581	266	McAfee, Inc.	65
52	Hon Hai Precision Ind. Co., Ltd.	432	178	Mediatek Inc.	106
21	Honda Motor Co., Ltd.	778	89	Medtronic Inc.	233
33	Honeywell International Inc.	643	145	Merck & Co., Inc.	130
265	HRL Laboratories, LLC	65	194	Merck Patent GmbH	100
51	Hynix Semiconductor Inc.	439	222	Michelin Recherche et Technique S.A.	83
142	Hyundai Motor Co.	133	10	Micron Technology, Inc.	1,673
79	Illinois Tool Works Inc.	255	13	Microsoft Corp.	1,473
80	Industrial Technology Research Institute, Taiwan	255	270	Milliken & Co.	64
17	Infineon Technologies AG	914	147	Minebea Co., Ltd.	128
248	Institut Francais du Petrole	70	110	Minolta Camera Co., Ltd.	169
296	Integrated Device Technology, Inc.	59	35	Mitsubishi Denki K.K.	610
7	Intel Corp.	1,959	232	Mitsubishi Electric Research Laboratories, Inc.	78
94	Interdigital Technology Corp.	215	256	Mitsubishi Heavy Industries, Ltd.	68
1	International Business Machines Corp.	3,621	215	Molex Inc.	86
228	International Game Technology (IGT)	81	271	Monsanto Technology, LLC	64
288	International Rectifier Corp.	61	28	Motorola, Inc.	681
269	Invensys Systems, Inc.	64	108	Murata Manufacturing Co., Ltd.	176
			243	Nan Ya Technology Corp.	74



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Rank	Organization	Patents	Rank	Organization	Patents
240	National Instruments Corp.	75	148	Samsung Electro-Mechanics Co., Ltd.	126
78	National Semiconductor Corp.	259	3	Samsung Electronics Co., Ltd.	2,451
166	NCR Corp.	112	118	Samsung SDI Co., Ltd.	162
24	NEC Corp.	728	223	SanDisk Corp.	83
95	NEC Electronics Corp.	215	107	Sanofi-Aventis Deutschland GmbH	178
257	NEC LCD Technologies, Ltd.	68	39	Sanyo Electric Co., Ltd.	516
289	Network Appliance, Inc.	61	158	Schering Corp.	117
150	NGK Insulators Ltd.	125	85	Schlumberger Technology Corp.	246
297	NGK Spark Plug Co., Ltd.	59	290	SDGI Holdings, Inc.	61
298	Nike, Inc.	59	66	Seagate Technology, LLC	345
131	Nikon Corp.	142	16	Seiko Epson Corp.	1,200
237	Nippon Telegraph & Telephone Corp.	76	241	Seiko Instruments Inc.	75
68	Nissan Motor Co., Ltd.	328	55	Semiconductor Energy Laboratory Co., Ltd.	405
171	Nitto Denko Corp.	109	29	Sharp Corp.	665
22	Nokia Corp.	755	113	Sharp Laboratories of America, Inc.	164
69	Nortel Networks Ltd.	321	104	Shell Oil Co.	185
117	Northrop Grumman Corp.	162	272	Shimadzu Corp.	64
190	Novartis AG	101	184	Shimano Inc.	105
209	NSK Ltd.	90	174	Shin Etsu Chemical Co., Ltd.	107
249	NTN Corp.	69	212	Showa Denko K.K.	88
138	NTT Docomo, Inc.	135	11	Siemens A.G.	1,622
188	Nvidia Corp.	102	42	Silverbrook Research Pty., Ltd.	510
70	OKI Electric Industry Co., Ltd.	318	210	Snecma Moteurs	90
82	Olympus Corp.	248	8	Sony Corp.	1,906
282	Olympus Optical Co., Ltd.	62	101	Sprint Communications Co., L.P.	193
183	Omron Corp.	105	299	SPX Corp.	59
96	Oracle International Corp.	214	258	SRI Sports Ltd.	68
195	Pacesetter, Inc.	99	196	Stanford University	98
129	Pentax Corp.	143	291	Stine Seed Farm, Inc.	61
65	Pfizer Inc.	345	44	STMicroelectronics N.V.	495
76	Pioneer Corp.	266	189	Sumitomo Chemical Co., Ltd.	102
204	Pitney-Bowes, Inc.	91	120	Sumitomo Electric Industries Co., Ltd.	160
293	PPG Industries Ohio Inc.	60	245	Sumitomo Rubber Industries, Ltd.	71
62	Procter & Gamble Co.	359	140	Sumitomo Wiring Systems, Ltd.	134
53	Qualcomm, Inc.	419	20	Sun Microsystems, Inc.	849
191	Rambus, Inc.	101	154	Symbol Technologies, Inc.	121
98	Raytheon Co.	207	48	Taiwan Semiconductor Manufacturing Co., Ltd.	471
54	Regents of the University of California	410	72	TDK Corp.	292
36	Renesas Technology Corp.	583	63	Telefonaktiebolaget LM Ericsson	359
218	Research In Motion Ltd.	84	19	Texas Instruments, Inc.	883
27	Ricoh Co., Ltd.	693	279	Thales	63
31	Robert Bosch GmbH	651	83	Thomson Licensing S.A.	248
127	Roche Holdings	147	97	Tokyo Electron Ltd.	211
168	Rockwell Automation Technologies, Inc.	110	9	Toshiba Corp.	1,820
132	Rohm and Haas Co.	142	205	Toyota Gosei K.K.	91
116	Rohm Co. Ltd.	163	59	Toyota Jidosha K.K.	384
179	Rolls-Royce PLC	106	172	Tyco Electronics Corp.	109

**2006 Patent Owners  
Alphabetical Listing**

<b>Rank</b>	<b>Organization</b>	<b>Patents</b>	<b>Rank</b>	<b>Organization</b>	<b>Patents</b>
300	Uni-Charm Corp.	59			
219	Unilever	84			
180	Unisys Corp.	106			
181	United Microelectronics Corp.	106			
106	United States of America, Army	181			
152	United States of America, Health & Human Services	122			
283	United States of America, National Aeronautics and Space Administration	62			
75	United States of America, Navy	270			
56	United Technologies Corp.	393			
294	University of Florida Research Foundation, Inc.	60			
250	University of Michigan	69			
175	University of Texas	107			
135	Verizon	138			
102	VIA Technologies, Inc.	188			
206	Victor Company of Japan, Ltd.	91			
136	Visteon Global Technologies, Inc.	138			
123	Weatherford/Lamb, Inc.	154			
182	Western Digital Technologies, Inc.	106			
273	Winbond Electronics Corp.	64			
192	Wisconsin Alumni Research Foundation	101			
160	Wyeth	116			
43	Xerox Corp.	501			
77	Xilinx, Inc.	261			
111	Yamaha Corp.	169			
263	Yamaha Motor Co., Ltd.	66			
124	Yazaki Corp.	154			
224	Zahnradfabrik Friedrichshafen AG	82			

### Notes

1. 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.
2. 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 2006 that listed the organization or a subsidiary as the owner on the printed patent document. If an assignment of rights to an organization or its subsidiary was recorded after the patent document was printed, the patent was not counted. 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.
3. The number of patents granted by the PTO increased to 173,771 in 2006 from 143,806 in 2005. The number of patents granted to the average organization on this list was higher in 2006 than in 2005.
4. IPO has published this report annually since 1984 as a service to its members. For annual lists go to [www.ipo.org/TopPatentOwners](http://www.ipo.org/TopPatentOwners).
5. Next year IPO will list patents under the name of the parent organization that are granted to majority-owned subsidiaries if the organization provides the names of its majority-owned subsidiaries to IPO by March 1, 2008.
6. IPO makes reasonable efforts to avoid errors, but cannot assure complete accuracy.

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**Intellectual Property Owners Association (IPO)**

1255 Twenty-Third Street, NW, Suite 200  
Washington, DC 20037-1174

P: 202.466.2396 F: 202.466.2893  
E: [info@ipo.org](mailto:info@ipo.org) W: [www.ipo.org](http://www.ipo.org)