



2004 TOP PATENT OWNERS

Numerical Listing

Rank	Organization	Patents	Rank	Organization	Patents
1	International Business Machines Corp.	3248	41	Hon Hai Precision Ind. Co., Ltd.	486
2	Hitachi, Ltd.	1993	42	LG Electronics Inc.	480
3	Matsushita Electric Industrial Co., Ltd.	1986	43	Taiwan Semiconductor Manufacturing Co., Ltd.	463
4	Canon K.K.	1867	44	Cisco Technology, Inc.	433
5	Hewlett-Packard Co.	1783	45	Pfizer, Inc.	433
6	Micron Technology, Inc.	1760	46	Johnson & Johnson	430
7	Intel Corp.	1605	47	Seagate Technology, LLC	428
8	Samsung Electronics Co., Ltd.	1604	48	University of California	422
9	Sony Corp.	1500	49	Boeing Co.	420
10	Siemens A.G.	1477	50	Procter & Gamble Co.	397
11	Toshiba Corp.	1387	51	Ford Global Technologies, Inc.	390
12	General Electric Co.	1330	52	Telefonaktiebolaget LM Ericsson	390
13	Fujitsu Ltd.	1296	53	BASF Group	388
14	Koninklijke Philips Electronics, N.V.	1221	54	LSI Logic Corporation	378
15	Fuji Photo Film Co., Ltd.	1025	55	Sanyo Electric Co., Ltd.	377
16	Renesas Technology Corp.	913	56	General Motors Corp.	376
17	Robert Bosch GmbH	903	57	Murata Manufacturing Co., Ltd.	373
18	Texas Instruments, Inc.	898	58	Applied Materials, Inc.	360
19	Seiko Epson Corp.	839	59	Hynix Semiconductor Inc.	336
20	NEC Corp.	813	60	Semiconductor Energy Laboratory Co., Ltd.	336
21	Advanced Micro Devices, Inc.	802	61	Bayer A.G.	329
22	Infineon Technologies A.G.	785	62	U.S. Navy	317
23	Mitsubishi Denki K.K.	781	63	OKI Electric Industry Co., Ltd.	306
24	Eastman Kodak Co.	780	64	Kimberly-Clark Worldwide, Inc.	304
25	Honda Motor Co., Ltd.	736	65	LG Philips LCD Co., Ltd.	304
26	Sun Microsystems, Inc.	678	66	Illinois Tool Works, Inc.	301
27	Microsoft Corp.	649	67	Broadcom Corp.	299
28	Agilent Technologies, Inc.	648	68	Boston Scientific Corp.	298
29	Denso Corp.	647	69	Medtronic, Inc.	292
30	Motorola	633	70	Alcatel	288
31	Nokia Corp.	628	71	Qualcomm, Inc.	283
32	Honeywell, Inc.	563	72	Agere Systems, Inc.	274
33	Delphi Technologies, Inc.	546	73	Visteon Global Technologies, LLC	274
34	3M Co.	539	74	Toyota Jishoda K.K.	268
35	Lucent Technologies, Inc.	534	75	NEC Electronics Corp.	264
36	Ricoh Co., Ltd.	531	76	Nissan Motor Co., Ltd.	261
37	Sharp Corp.	529	77	Pioneer Corp.	248
38	Xerox Corp.	514	78	ExxonMobil Corp.	246
39	Nortel Networks Corp.	496	79	United Technologies Corp.	242
40	E.I. du Pont de Nemours and Co.	487	80	Alps Electric Co., Ltd.	239

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81	Corning Inc.	235	128	Freescale Semiconductor, Inc.	135
82	Nikon Corp.	228	129	Rohm Co., Ltd.	135
83	Tokyo Electron Ltd.	223	130	U.S. Army	134
84	National Semiconductor Corp.	219	131	Massachusetts Institute of Technology	132
85	AT&T Corp.	218	132	Dell Products, L.P.	129
86	Daimler-Chrysler A.G.	217	133	Dow Chemical Co.	129
87	Minolta Camera Co., Ltd.	210	134	L'Oreal S.A.	128
88	Halliburton Energy Services, Inc.	209	135	NCR Corp.	128
89	Schlumberger Technology Corp.	206	136	Council of Scientific and Industrial Research	127
90	TDK Corp.	204	137	Sumitomo Rubber Industries, Ltd.	125
91	Yazaki Corp.	202	138	Fujinon Corp.	124
92	Lockheed Martin Corp.	200	139	Baker Hughes Inc.	123
93	Fuji Xerox Co., Ltd.	198	140	Eaton Corp.	123
94	Pentax Corp.	198	141	Pitney Bowes, Inc.	123
95	Industrial Technology Research Institute, Taiwan	197	142	Olympus Optical Co., Ltd.	119
96	Konica Corp.	194	143	Analog Devices, Inc.	118
97	BellSouth Corp.	188	144	Mitsubishi Heavy Industries Co., Ltd.	118
98	Heidelberger Druckmaschinen A.G.	187	145	Degussa A.G.	117
99	3Com Corp.	182	146	Lear Corp.	117
100	Rohm and Haas Co.	181	147	Unisys Corp.	117
101	Olympus Corp.	180	148	U.S. Health & Human Services	117
102	Thomson Licensing S.A.	180	149	InterDigital Communications Corp.	116
103	Sumitomo Electric Industries, Co., Ltd.	177	150	Via Technologies, Inc.	116
104	Raytheon Co.	176	151	Dai Nippon Printing Co., Ltd.	113
105	Cypress Semiconductor Corp.	175	152	Aisin Seiki KK	112
106	Northrop Grumman Corp.	175	153	NSK Ltd.	111
107	Caterpillar Inc.	174	154	Hyundai Motor Co., Ltd.	110
108	Deere & Co.	172	155	Advanced Cardiovascular Systems, Inc.	109
109	Silverbrook Research Pty. Ltd.	172	156	Ericsson, Inc.	109
110	Shell Oil Co.	170	157	Yamaha Corp.	109
111	Shin Etsu Chemical Co., Ltd.	166	158	International Game Technology	108
112	Brother Kogyo K.K.	165	159	Lexmark International, Inc.	108
113	Sumitomo Wiring Systems, Ltd. Co.	164	160	Black & Decker Corp.	107
114	Macronix International Co., Ltd.	162	161	Hyundai Electronics Industries Co., Ltd.	106
115	STMicroelectronics S.R.L.	162	162	Merck Patent GmbH	106
116	Furukawa Electric Co., Ltd.	160	163	Weatherford/Lamb, Inc.	105
117	Sumitomo Chemical Co., Ltd.	152	164	LAM Research Corp.	103
118	Samsung SDI Co., Ltd.	150	165	Sharp Laboratories of America, Inc.	103
119	Unilever	150	166	Tyco Electronics Corp.	103
120	STMicroelectronics S.A.	148	167	Oracle Corp.	102
121	NGK Insulators Ltd.	144	168	STMicroelectronics, Inc.	102
122	Goodyear Tire & Rubber Co.	143	169	U.S. National Aeronautics and Space Administration	102
123	Seiko Instruments Inc.	140	170	Nan Ya Technology Corp.	100
124	Henkel KGaA	138	171	University of Texas	99
125	Xilinx, Inc.	137	172	Ciba Specialty Chemical Corp.	98
126	EMC Corp.	136	173	Bristol-Myers Squibb Co.	96
127	California Institute of Technology	135	174	Ebara Corp.	96

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175	Minebea Co., Ltd.	96	221	Carrier Corp.	77
176	Windbond Electronics Corp.	96	222	Roll-Royce PLC	77
177	ADC Telecommunications Inc.	95	223	United Microelectronics Corp.	77
178	KAO Corp.	95	224	Daikin Industries, Ltd.	76
179	Acushnet Co.	94	225	Hilti A.G.	75
180	Apple Computer, Inc.	94	226	Skyworks Solutions, Inc.	75
181	Johns Hopkins University	94	227	Stanford University	75
182	DaimlerChrysler Corp.	93	228	Fuji Electric Co., Ltd.	74
183	Asahi Glass Co., Ltd.	92	229	NEC LCD Technologies, Ltd.	74
184	Bridgestone Corp.	92	230	Advantest Corp.	73
185	Molex Inc.	92	231	Hill-Rom Co., Inc.	73
186	NGK Spark Plug Co., Ltd.	90	232	Storage Technology Corp.	73
187	Harris Corp.	89	233	Air Products and Chemicals, Inc.	72
188	Nitto Denko Corp.	89	234	Akzo Nobel NV	72
189	Commissariat A l'Energie Atomique	88	235	Battelle Memorial Institute	72
190	Merck & Co., Inc.	87	236	Emerson Electric Co.	72
191	Toyoda Gosei K.K.	88	237	Maytag Corp.	72
192	Applera Corp.	87	238	Metso Paper, Inc.	72
193	Cardiac Pacemakers, Inc.	87	239	Mitsui Chemicals, Inc.	72
194	Delta Electronics Inc.	87	240	Verizon Communications	72
195	Altera Corp.	86	241	Air Liquide Group	71
196	Dana Corp.	86	242	Agfa-Gavaert N.V.	71
197	Electronics and Telecommunications Research Institute	86	243	BAE Systems Information...Inc.	71
198	Omron Corp.	86	244	Becton, Dickinson and Co.	71
199	Showa Denko K.K.	86	245	Fraunhofer-Gesellschaft...E.V.	71
200	Sprint Communications Co., L.P.	86	246	Uni-Charm Corp.	71
201	Victor Company of Japan, Ltd.	86	247	Toyota Jidoshokki K.K.	70
202	Western Digital Technologies, Inc.	85	248	Sandia Corp.	70
203	Astrazeneca A.B.	84	249	PPG Industries Ohio, Inc.	69
204	Wyeth	84	250	Komatsu Ltd.	68
205	ITT Manufacturing Enterprises, Inc.	83	251	UOP	68
206	Milliken & Co.	83	252	Alstom Technology Ltd.	67
207	Nippon Sheet Glass Co., Ltd.	82	253	Goodrich Corp.	67
208	Rockwell Automation Technologies, Inc.	82	254	Ajinomoto Co., Inc.	66
209	Avaya Technology Corp.	81	255	University of Michigan	66
210	Chartered Semiconductor Manufacturing PTE Ltd.	81	256	Abbott Laboratories	65
211	Fuji Jukogyo K.K.	81	257	Chevron U.S.A. Inc.	65
212	Pacesetter, Inc.	81	258	Nippon Shokbai Co.. Ltd.	65
213	SBC Communications	81	259	Nippon Telegraph & Telephone Corp.	65
214	Symbol Technologies, Inc.	81	260	ASML Netherlands B.V.	64
215	Ben Q Corp.	80	261	ConocoPhilips	64
216	Institut Francais du Petrole	79	262	Network Associates, Inc.	64
217	AU Optronics Corp.	78	263	Wisconsin Alumni Research Foundation	64
218	Novartis A.G.	78	264	Hoffmann-La Roche Inc.	63
219	Samsung Electro-Mechanics Co., Ltd.	78	265	Hoya Corp.	63
220	SmithKline Beecham Corp.	78	266	Koito Manufacturing Co. Ltd.	63

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267	Rambus, Inc.	63	287	Shimano Inc.	57
268	Genentech, Inc.	62	288	Tektronix Inc.	57
269	Borgwarner Inc.	61	289	Tokai Rika Denki Seisakusho K.K.	57
270	Fairchild Semiconductor Corp.	61	290	Amkor Technology, Inc.	56
271	Maxtor Corp.	61	291	Asahi Kasei Kogyo K.K.	56
272	Ethicon, Inc.	60	292	Funai Electric Co., Ltd.	56
273	International Rectifier Corp.	60	293	KLA-Tencor Technologies Corp.	56
274	Porsche AG	60	294	Nestec, S.A.	56
275	Zahnradfabrik Friedrichshafen AG	60	295	Advanced Semiconductor Engineering, Inc.	55
276	ATI International SRL	59	296	Cadence Design Systems, Inc.	55
277	Eli Lilly and Co.	59	297	Citizen Watch Co., Ltd.	55
278	Gateway 2000, Inc.	58	298	Koenig & Bauer A.G.	55
279	Michelin Recherche et Technique	58	299	Avery Dennison Corp.	54
280	Mitsumi Electric Co., Ltd.	58	300	Eastman Chemical Co.	54
281	NTN Corp.	58	301	Hughes Electronics Corp.	54
282	Takata Corp.	58	302	Koyo Seiko Co., Ltd.	54
283	University of Illinois	58	303	Matsushita Electric Works, Ltd.	54
284	ISIS Pharmaceuticals, Inc.	57	304	Silicon Graphics, Inc.	54
285	Kaneka Corp.	57	305	SPX Corp.	54
286	Korea Institute of Science and Technology	57			



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Rank	Organization	Patents	Rank	Organization	Patents
99	3Com Corp.	182	245	Becton, Dickinson and Co.	71
34	3M Co.	539	97	BellSouth Corp.	188
257	Abbott Laboratories	65	216	Ben Q Corp.	80
178	Acushnet Co.	94	159	Black & Decker Corp.	107
176	ADC Telecommunications Inc.	95	49	Boeing Co.	420
154	Advanced Cardiovascular Systems, Inc.	109	270	Borgwarner Inc.	61
21	Advanced Micro Devices, Inc.	802	68	Boston Scientific Corp.	298
296	Advanced Semiconductor Engineering, Inc.	55	183	Bridgestone Corp.	92
231	Advantest Corp.	73	172	Bristol-Myers Squibb Co.	96
72	Agere Systems, Inc.	274	67	Broadcom Corp.	299
243	Agfa-Gavaert N.V.	71	111	Brother Kogyo K.K.	165
28	Agilent Technologies, Inc.	648	297	Cadence Design Systems, Inc.	55
242	Air Liquide Group	71	126	California Institute of Technology	135
234	Air Products and Chemicals, Inc.	72	4	Canon K.K.	1867
151	Aisin Seiki KK	112	192	Cardiac Pacemakers, Inc.	87
255	Ajinomoto Co., Inc.	66	222	Carrier Corp.	77
235	Akzo Nobel NV	72	106	Caterpillar Inc.	174
70	Alcatel	288	210	Chartered Semiconductor Manufacturing PTE Ltd.	81
80	Alps Electric Co., Ltd.	239	258	Chevron U.S.A. Inc.	65
253	Alstom Technology Ltd.	67	171	Ciba Specialty Chemical Corp.	98
194	Altera Corp.	86	44	Cisco Technology, Inc.	433
291	Amkor Technology, Inc.	56	298	Citizen Watch Co., Ltd.	55
142	Analog Devices, Inc.	118	188	Commissariat A l'Energie Atomique	88
179	Apple Computer, Inc.	94	262	ConocoPhilips	64
191	Applera Corp.	87	81	Corning Inc.	235
58	Applied Materials, Inc.	360	135	Council of Scientific and Industrial Research	127
182	Asahi Glass Co., Ltd.	92	104	Cypress Semiconductor Corp.	175
292	Asahi Kasei Kogyo K.K.	56	150	Dai Nippon Printing Co., Ltd.	113
261	ASML Netherlands B.V.	64	225	Daikin Industries, Ltd.	76
203	Astrazeneca A.B.	84	86	Daimler-Chrysler A.G.	217
85	AT&T Corp.	218	181	DaimlerChrysler Corp.	93
277	ATI International SRL	59	195	Dana Corp.	86
218	AU Optronics Corp.	78	107	Deere & Co.	172
209	Avaya Technology Corp.	81	144	Degussa A.G.	117
300	Avery Dennison Corp.	54	131	Dell Products, L.P.	129
244	BAE Systems Information...Inc.	71	33	Delphi Technologies, Inc.	546
138	Baker Hughes Inc.	123	193	Delta Electronics Inc.	87
53	BASF Group	388	29	Denso Corp.	647
236	Battelle Memorial Institute	72	132	Dow Chemical Co.	129
61	Bayer A.G.	329	40	E.I. du Pont de Nemours and Co.	487

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Rank	Organization	Patents	Rank	Organization	Patents
301	Eastman Chemical Co.	54	22	Infineon Technologies A.G.	785
24	Eastman Kodak Co.	780	217	Institut Francais du Petrole	79
139	Eaton Corp.	123	7	Intel Corp.	1605
173	Ebara Corp.	96	148	InterDigital Communications Corp.	116
196	Electronics and Telecommunications Research Institute	86	1	International Business Machines Corp.	3248
278	Eli Lilly and Co.	59	157	International Game Technology	108
125	EMC Corp.	136	274	International Rectifier Corp.	60
237	Emerson Electric Co.	72	285	ISIS Pharmaceuticals, Inc.	57
155	Ericsson, Inc.	109	205	ITT Manufacturing Enterprises, Inc.	83
273	Ethicon, Inc.	60	180	Johns Hopkins University	94
78	ExxonMobil Corp.	246	46	Johnson & Johnson	430
271	Fairchild Semiconductor Corp.	61	286	Kaneka Corp.	57
51	Ford Global Technologies, Inc.	390	177	KAO Corp.	95
246	Fraunhofer-Gesellschaft...E.V.	71	64	Kimberly-Clark Worldwide, Inc.	304
127	Freescale Semiconductor, Inc.	135	294	KLA-Tencor Technologies Corp.	56
229	Fuji Electric Co., Ltd.	74	299	Koenig & Bauer A.G.	55
211	Fuji Jukogyo K.K.	81	267	Koito Manufacturing Co. Ltd.	63
15	Fuji Photo Film Co., Ltd.	1025	251	Komatsu Ltd.	68
93	Fuji Xerox Co., Ltd.	198	96	Konica Corp.	194
137	Fujinon Corp.	124	14	Koninklijke Philips Electronics, N.V.	1221
13	Fujitsu Ltd.	1296	287	Korea Institute of Science and Technology	57
293	Funai Electric Co., Ltd.	56	303	Koyo Seiko Co., Ltd.	54
115	Furukawa Electric Co., Ltd.	160	163	LAM Research Corp.	103
279	Gateway 2000, Inc.	58	145	Lear Corp.	117
269	Genentech, Inc.	62	158	Lexmark International, Inc.	108
12	General Electric Co.	1330	42	LG Electronics Inc.	480
56	General Motors Corp.	376	65	LG Philips LCD Co., Ltd.	304
254	Goodrich Corp.	67	92	Lockheed Martin Corp.	200
121	Goodyear Tire & Rubber Co.	143	133	L'Oreal S.A.	128
88	Halliburton Energy Services, Inc.	209	54	LSI Logic Corporation	378
186	Harris Corp.	89	35	Lucent Technologies, Inc.	534
98	Heidelberger Druckmaschinen A.G.	187	113	Macronix International Co., Ltd.	162
123	Henkel KGaA	138	130	Massachusetts Institute of Technology	132
5	Hewlett-Packard Co.	1783	3	Matsushita Electric Industrial Co., Ltd.	1986
232	Hill-Rom Co., Inc.	73	304	Matsushita Electric Works, Ltd.	54
226	Hilti A.G.	75	272	Maxtor Corp.	61
2	Hitachi, Ltd.	1993	238	Maytag Corp.	72
265	Hoffmann-La Roche Inc.	63	69	Medtronic, Inc.	292
41	Hon Hai Precision Ind. Co., Ltd.	486	189	Merck & Co., Inc.	87
25	Honda Motor Co., Ltd.	736	161	Merck Patent GmbH	106
32	Honeywell, Inc.	563	239	Metso Paper, Inc.	72
266	Hoya Corp.	63	280	Michelin Recherche et Technique	58
302	Hughes Electronics Corp.	54	6	Micron Technology, Inc.	1760
59	Hynix Semiconductor Inc.	336	27	Microsoft Corp.	649
160	Hyundai Electronics Industries Co., Ltd.	106	206	Milliken & Co.	83
153	Hyundai Motor Co., Ltd.	110	174	Minebea Co., Ltd.	96
66	Illinois Tool Works, Inc.	301	87	Minolta Camera Co., Ltd.	210
95	Industrial Technology Research Institute, Taiwan	197	23	Mitsubishi Denki K.K.	781

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143	Mitsubishi Heavy Industries Co., Ltd.	118	223	Roll-Royce PLC	77
240	Mitsui Chemicals, Inc.	72	220	Samsung Electro-Mechanics Co., Ltd.	78
281	Mitsumi Electric Co., Ltd.	58	8	Samsung Electronics Co., Ltd.	1604
184	Molex Inc.	92	117	Samsung SDI Co., Ltd.	150
30	Motorola	633	249	Sandia Corp.	70
57	Murata Manufacturing Co., Ltd.	373	55	Sanyo Electric Co., Ltd.	377
169	Nan Ya Technology Corp.	100	213	SBC Communications	81
84	National Semiconductor Corp.	219	89	Schlumberger Technology Corp.	206
134	NCR Corp.	128	47	Seagate Technology, LLC	428
20	NEC Corp.	813	19	Seiko Epson Corp.	839
75	NEC Electronics Corp.	264	122	Seiko Instruments Inc.	140
230	NEC LCD Technologies, Ltd.	74	60	Semiconductor Energy Laboratory Co., Ltd.	336
295	Nestec, S.A.	56	37	Sharp Corp.	529
263	Network Associates, Inc.	64	164	Sharp Laboratories of America, Inc.	103
120	NGK Insulators Ltd.	144	109	Shell Oil Co.	170
185	NGK Spark Plug Co., Ltd.	90	288	Shimano Inc.	57
82	Nikon Corp.	228	110	Shin Etsu Chemical Co., Ltd.	166
207	Nippon Sheet Glass Co., Ltd.	82	199	Showa Denko K.K.	86
259	Nippon Shokbai Co. Ltd.	65	10	Siemens A.G.	1477
260	Nippon Telegraph & Telephone Corp.	65	305	Silicon Graphics, Inc.	54
76	Nissan Motor Co., Ltd.	261	108	Silverbrook Research Pty. Ltd.	172
187	Nitto Denko Corp.	89	227	Skyworks Solutions, Inc.	75
31	Nokia Corp.	628	221	SmithKline Beecham Corp.	78
39	Nortel Networks Corp.	496	9	Sony Corp.	1500
105	Northrop Grumman Corp.	175	200	Sprint Communications Co., L.P.	86
219	Novartis A.G.	78	306	SPX Corp.	54
152	NSK Ltd.	111	228	Stanford University	75
282	NTN Corp.	58	119	STMicroelectronics S.A.	148
63	OKI Electric Industry Co., Ltd.	306	114	STMicroelectronics S.R.L.	162
100	Olympus Corp.	180	167	STMicroelectronics, Inc.	102
141	Olympus Optical Co., Ltd.	119	233	Storage Technology Corp.	73
197	Omron Corp.	86	116	Sumitomo Chemical Co., Ltd.	152
166	Oracle Corp.	102	102	Sumitomo Electric Industries, Co., Ltd.	177
212	Pacesetter, Inc.	81	136	Sumitomo Rubber Industries, Ltd.	125
94	Pentax Corp.	198	112	Sumitomo Wiring Systems, Ltd. Co.	164
45	Pfizer, Inc.	433	26	Sun Microsystems, Inc.	678
77	Pioneer Corp.	248	215	Symbol Technologies, Inc.	81
140	Pitney Bowes, Inc.	123	43	Taiwan Semiconductor Manufacturing Co., Ltd.	463
275	Porsche AG	60	283	Takata Corp.	58
250	PPG Industries Ohio, Inc.	69	90	TDK Corp.	204
50	Procter & Gamble Co.	397	289	Tektronix Inc.	57
71	Qualcomm, Inc.	283	52	Telefonaktiebolaget LM Ericsson	390
268	Rambus, Inc.	63	18	Texas Instruments, Inc.	898
103	Raytheon Co.	176	101	Thomson Licensing S.A.	180
16	Renesas Technology Corp.	913	290	Tokai Rika Denki Seisakusho K.K.	57
36	Ricoh Co., Ltd.	531	83	Tokyo Electron Ltd.	223
17	Robert Bosch GmbH	903	11	Toshiba Corp.	1387
208	Rockwell Automation Technologies, Inc.	82	190	Toyoda Gosei K.K.	88
100	Rohm and Haas Co.	181	248	Toyota Jidoshokki K.K.	70
128	Rohm Co., Ltd.	135	74	Toyota Jishoda K.K.	268

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Rank	Organization	Patents	Rank	Organization	Patents
165	Tyco Electronics Corp.	103	241	Verizon Communications	72
129	U.S. Army	134	149	Via Technologies, Inc.	116
147	U.S. Health & Human Services	117	201	Victor Company of Japan, Ltd.	86
168	U.S. National Aeronautics and Space Administration	102	73	Visteon Global Technologies, LLC	274
62	U.S. Navy	317	162	Weatherford/Lamb, Inc.	105
247	Uni-Charm Corp.	71	202	Western Digital Technologies, Inc.	85
118	Unilever	150	175	Windbond Electronics Corp.	96
146	Unisys Corp.	117	264	Wisconsin Alumni Research Foundation	64
224	United Microelectronics Corp.	77	204	Wyeth	84
79	United Technologies Corp.	242	38	Xerox Corp.	514
48	University of California	422	124	Xilinx, Inc.	137
284	University of Illinois	58	156	Yamaha Corp.	109
256	University of Michigan	66	91	Yazaki Corp.	202
170	University of Texas	99	276	Zahnradfabrik Friedrichshafen AG	60
252	UOP	68			

NOTES

1. For annual lists back to 1984, go to www.ipo.org/TopPatentOwners. IPO makes reasonable efforts to avoid errors, but cannot assure complete accuracy.
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 2004 that listed the owner on the printed patent document. Numbers in this report sometimes are lower than numbers provided by the PTO because of different counting methods. For example, PTO numbers do not reflect patents for which assignments are recorded after the patent is printed. The PTO attributes patents granted jointly to two or more companies to the company listed first on the patent.
3. IPO has combined patents in the names of majority-owned subsidiaries with patents in the names of the parent company if requested by the parent. IPO will list 2005 patents in the name of the parent company that were granted to majority-owned subsidiaries if the parent provides the names of its subsidiaries to IPO by March 1, 2006.