

TECHNOLOGY ASSESSMENT AND FORECAST REPORT

ELECTRICAL CLASSES

1977 - December 2006



September 2007
U.S. PATENT AND TRADEMARK OFFICE
ELECTRONIC INFORMATION PRODUCTS DIVISION- PTMT
MDW 4C18, ALEXANDRIA, VA 22313-1450
tel (571) 272-5600 / FAX (571) 273-0110

A PATENT TECHNOLOGY MONITORING TEAM REPORT

Technology Profile Report - ELECTRICAL Classes

Explanation of Data

This Technology Profile Report profiles the patent activity for U.S. utility patents * granted between **1977** and **December 2006** in ELECTRICAL technology discipline classes within the U.S. Patent Classification System (USPCS).

The report is generated by identifying appropriate Patent and Trademark Office (PTO) classes, i.e., those entirely or substantially pertinent to the technology discipline of interest. The patents in these classes are then included in the profile. This procedure results, in most cases, in the inclusion of the majority of patents relevant to the technology discipline and few, if any, patents which are not relevant. However, any patent listing provided should not be considered to be inclusive of all relevant patents, nor exclusive of all irrelevant patents.

Data Distribution By Date of Grant and By Date of Application

Parts A1 and A2

Part A1 distributes utility patent GRANT data by year of patent grant ("Patents Granted By Date of Patent Grant"). Part A2 distributes patent GRANT data by the year in which the patented application was filed ("Patents Granted By Date of Patent Application"). Parts A1 and A2 each provide patent counts (pages A1-1 and A2-1) and percent distributions (pages A1-2 and A2-2).

Patent data, as shown in the "**Pre 1993**" column, correspond to selected patents * in the data base which were granted during the period **1977 to 1992**.

Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since 1977. Data are presented by the year in which the patent was granted ("Patents By Year of Grant") and the year the patented application was filed ("Patents by Year of Application").

DATA FOR THOSE APPLICATIONS WHICH WERE FILED BUT NEVER ISSUED (ROUGHLY 30% OF TOTAL FILINGS) ARE NOT INCLUDED IN THIS REPORT.

Since the average time period between filing for a patent and the issuing of the patent (i.e., a patent's "pendency") is now about 24 months, the patented application data for applications filed from **2000 to DECEMBER 2006** are incomplete.** This is because a significant number of the applications filed from **2000 to DECEMBER 2006**, which will ultimately become patents, were still pending in **DECEMBER 2006**. Since they had not yet become patents at the time this report was prepared, they were not included in this report.

Patented application data are of significant value since the date an application was filed more accurately reflects when the technology was developed. Additionally, fluctuations in data based on application date are much more likely to reflect changes in technological activity, since such fluctuations would for the most part be immune from changes in PTO processing such as occurred in 1986 when the PTO issued fewer patents than would normally have been expected due to a lack

of funds to print patents; in 2005, PTO also issued fewer patents than would have normally been expected because of administrative reasons. Note that a patent's "pendency" can be quite variable from one patent to another thereby affecting the date of patent grant. Such variation in pendency is determined by many factors, including PTO workload (which varies between technologies), budget and manpower levels, patent printing schedules, etc.

"Patents Granted By Date of Patent Application", as shown in the "**Pre 1993**" column, correspond to patent grants in the report which were filed prior to **1993**.

Parts of the Report

Parts A1 and A2 present tables which show, by number and percent, the patent activity in the technology discipline. Part A1 presents data by year of patent grant ("Patents Granted By Date of Patent Grant"). Part A2 redistributes grant data by year of patent application ("Patents Granted By Date of Patent Application"). The location of patent origin is determined by the residence of the first-named inventor at the time of grant.

Patent ownership information reflects ownership at the time of patent grant and does not include subsequent changes in ownership. If more than one assignee was declared at the time of grant, the patent ownership is attributed to the first-named assignee. The U.S. and Foreign Corporations ownership categories count predominantly corporate patents; however, patents assigned to other organizations such as small businesses, nonprofit organizations, universities, etc. are also included in this category. While U.S. Government patent ownership includes only patents granted to the Federal Government, no such distinction is made for the Foreign Government ownership category.

Part B is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) which have received U.S. patents since **1977**.* Data line 1 for each listed organization ("Patents By Year of Grant") distributes counts of patent grants by year of grant. Data line 2 for each organization ("Patents By Year of Application") redistributes those same patent grants by year in which the patented applications were filed. Information on patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

* The term "patent", as used above, refers to "utility" patents. Other patent documents (i.e., design, plant and reissue patents, statutory invention registrations, defensive publications) are not included in this profile report.

** As of **12/31/2006**, utility patent application data were approximately **94%** complete for patent applications filed in **2000**, **86%** complete for **2001** filings, **76%** complete for **2002** filings, **54%** complete for **2003** filings, and **27%** complete for **2004** filings. They were essentially complete for applications filed prior to **2000**.

CHEMICAL, ELECTRICAL, MECHANICAL CLASSES

DECEMBER 2006

CHEMICAL	8	23	44	48	51	55	65	71	75	95	96	106	117	127
	136	148	149	156	159	162	196	201	202	203	204	205	208	209
	210	216	252	260	261	264	376	419	420	422	423	424	426	427
	428	429	430	435	436	438	442	501	502	504	507	508	510	512
	514	516	518	520	521	522	523	524	525	526	527	528	530	532
	534	536	540	544	546	548	549	552	554	556	558	560	562	564
	568	570	585	588	800	930	976	987						

The following subclasses are also Chemical: 134/1-42; 131/274-279; 505/100-126, 300-512, 725-785, 800-824, 951

ELECTRICAL	174	178	191	200	218	219	235	250	257	290	307	310	313	314
	315	318	320	322	323	324	326	327	329	330	331	332	333	334
	335	336	337	338	340	341	342	343	345	346	348	349	355	358
	360	361	362	363	365	367	368	369	370	372	373	375	377	378
	379	380	381	382	383	386	388	392	396	398	399	455	503	505
	700	701	702	703	704	705	706	707	708	709	710	711	712	713
	714	715	716	717	718	719	720	725	726	902				

The following subclasses are also Electrical: 84/600-746; 385/1-52; 359/1-108, 237-361, 558-590, 901-902; 968/876-977; 984/300-398

MECHANICAL		2	4	5	7	12	14	15	16	19	24	26	27	28
	29	30	33	34	36	37	38	40	42	43	47	49	52	53
	54	56	57	59	60	62	63	66	68	69	70	72	73	74
	76	79	81	82	83	84	86	87	89	91	92	99	100	101
	102	104	105	108	109	110	111	112	114	116	118	119	122	123
	124	125	126	128	131	132	134	135	137	138	139	140	141	142
	144	147	150	152	157	160	163	164	165	166	168	169	171	172
	173	175	177	180	181	182	184	185	186	187	188	190	192	193
	194	198	199	206	211	212	213	215	217	220	221	222	223	224
	225	226	227	228	229	231	232	234	236	237	238	239	241	242
	244	245	246	248	249	251	254	256	258	266	267	269	270	271
	273	276	277	278	279	280	281	283	285	289	291	292	293	294
	295	296	297	298	299	300	301	303	305	312	347	351	352	353
	356	359	366	374	384	385	400	401	402	403	404	405	406	407
	408	409	410	411	412	413	414	415	416	417	418	425	431	432
	433	434	439	440	441	445	446	449	450	451	452	453	454	460
	462	463	464	470	472	473	474	475	476	477	482	483	492	493
	494	600	601	602	604	606	607	623	901	968	984			

The following subclasses are also Mechanical: 209/3.1-3.3, 44-44.4, 509-707, 900-942; 8/147-159

TECHNOLOGY ASSESSMENT AND FORECAST PROGRAM TECHNOLOGY DISCIPLINES FOR
 U.S. PATENT CLASSIFICATION SYSTEM CLASSES AS OF DECEMBER 2006
CHEMICAL, ELECTRICAL, MECHANICAL

Class	Class	Class	Class	Class	Class	Class	Class
2M	91M	174E	245M	332E	406M	494M	710E
4M	92M	175M	246M	333E	407M	501C	711E
5M	95C	177M	248M	334E	408M	502C	712E
7M	96C	178E	249M	335E	409M	503E	713E
8C*	99M	180M	250E	336E	410M	504C	714E
12M	100M	181M	251M	337E	411M	505E*	715E
14M	101M	182M	252C	338E	412M	507C	716E
15M	102M	184M	254M	340E	413M	508C	717E
16M	104M	185M	256M	341E	414M	510C	718E
19M	105M	186M	257E	342E	415M	512C	719E
23C	106C	187M	258M	343E	416M	514C	720E
24M	108M	188M	260C	345E	417M	516C	725E
26M	109M	190M	261C	346E	418M	518C	726E
27M	110M	191E	264C	347M	419C	520C	800C
28M	111M	192M	266M	348E	420C	521C	901M
29M	112M	193M	267M	349E	422C	522C	902E
30M	114M	194M	269M	351M	423C	523C	930C
33M	116M	196C	270M	352M	424C	524C	968M*
34M	117C	198M	271M	353M	425M	525C	976C
36M	118M	199M	273M	355E	426C	526C	984M*
37M	119M	200E	276M	356M	427C	527C	987C
38M	122M	201C	277M	358E	428C	528C	
40M	123M	202C	278M	359M*	429C	530C	
42M	124M	203C	279M	360E	430C	532C	
43M	125M	204C	280M	361E	431M	534C	
44C	126M	205C	281M	362E	432M	536C	
47M	127C	206M	283M	363E	433M	540C	
48C	128M	208C	285M	365E	434M	544C	
49M	131M*	209C*	289M	366M	435C	546C	
51C	132M	210C	290E	367E	436C	548C	
52M	134M*	211M	291M	368E	438C	549C	
53M	135M	212M	292M	369E	439M	552C	
54M	136C	213M	293M	370E	440M	554C	
55C	137M	215M	294M	372E	441M	556C	
56M	138M	216C	295M	373E	442C	558C	
57M	139M	217M	296M	374M	445M	560C	
59M	140M	218E	297M	375E	446M	562C	
60M	141M	219E	298M	376C	449M	564C	
62M	142M	220M	299M	377E	450M	568C	
63M	144M	221M	300M	378E	451M	570C	
65C	147M	222M	301M	379E	452M	585C	
66M	148C	223M	303M	380E	453M	588C	
68M	149C	224M	305M	381E	454M	600M	
69M	150M	225M	307E	382E	455E	601M	
70M	152M	226M	310E	383E	460M	602M	
71C	156C	227M	312M	384M	462M	604M	
72M	157M	228M	313E	385M*	463M	606M	
73M	159C	229M	314E	386E	464M	607M	
74M	160M	231M	315E	388E	470M	623M	
75C	162C	232M	318E	392E	472M	700E	
76M	163M	234M	320E	396E	473M	701E	
79M	164M	235E	322E	398E	474M	702E	
81M	165M	236M	323E	399E	475M	703E	
82M	166M	237M	324E	400M	476M	704E	
83M	168M	238M	326E	401M	477M	705E	
84M*	169M	239M	327E	402M	482M	706E	
86M	171M	241M	329E	403M	483M	707E	
87M	172M	242M	330E	404M	492M	708E	
89M	173M	244M	331E	405M	493M	709E	

*8/147-159 are mechanical

*84/600-746 are electrical

*131/274-279 are chemical

*134/1-42 are chemical

*209/3.1-3.3, 44-44.4, 509-707, 900-942 are mechanical

*359/1-108, 237-361, 558-590, 901-902 are electrical

*385/1-52 are electrical

*505/100-126, 300-512, 725-785, 800-824, 951 are chemical

*968/876-977 are electrical

*984/300-398 are electrical

Part A1

Patent Grants as Distributed By Year of Patent Grant

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2006) ----

	NUMBER OF PATENTS															
	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
Total	263626	25260	28278	29860	34368	33958	50174	51400	53163	57133	60622	63782	69148	63433	83995	968200
U.S. Origin	134836	11957	13755	14752	17432	17294	25564	26654	27845	29729	30588	32117	34806	32049	42576	491954
Foreign Origin	128790	13303	14523	15108	16936	16664	24610	24746	25318	27404	30034	31665	34342	31384	41419	476246
JAPAN	73353	8976	9716	9893	10874	10468	14969	14530	14342	15115	16455	17197	18154	16179	20945	271166
GERMANY	16857	1021	1071	1096	1161	1174	1729	1806	2087	2453	2682	2947	3067	2856	3441	45448
SOUTH KOREA	776	405	550	614	805	1001	1832	2036	1867	1947	1963	2107	2492	2536	3679	24610
FRANCE	8761	688	697	735	783	714	959	985	1002	1030	1132	1076	1155	1041	1342	22100
UNITED KINGDOM	8182	506	559	630	666	640	965	1015	1037	1157	1239	1220	1334	1302	1578	22030
TAIWAN	860	225	246	332	411	502	884	963	1166	1329	1757	1891	2320	2232	3093	18211
CANADA	3663	318	330	369	479	466	717	803	883	954	959	1014	1228	1081	1479	14743
NETHERLANDS	4049	237	274	312	328	287	474	424	402	443	516	519	539	414	706	9924
SWEDEN	1686	104	150	165	237	213	301	424	501	568	607	525	461	430	508	6880
SWITZERLAND	3172	181	199	178	195	181	227	217	233	244	283	280	342	284	355	6571
ITALY	1999	168	163	135	229	222	327	275	352	407	414	405	376	348	439	6259
ISRAEL	571	86	113	142	174	200	301	290	334	404	448	557	544	529	725	5418
FINLAND	395	68	101	106	123	118	225	260	256	316	397	455	508	415	633	4376
AUSTRALIA	651	52	53	62	53	57	102	87	116	121	153	202	277	245	440	2671
BELGIUM	524	56	60	70	102	79	118	104	119	114	103	120	148	131	147	1995
AUSTRIA	559	38	41	43	37	45	48	65	90	89	93	139	147	137	208	1779
SINGAPORE	33	17	19	20	43	40	52	60	80	106	169	194	246	181	236	1496
CHINA,HONG KONG S.A.R	200	22	19	26	26	31	59	61	69	84	74	94	129	123	134	1151
DENMARK	327	13	15	17	20	21	26	59	53	62	72	100	101	86	139	1111
CHINA P.REP.	57	7	8	15	9	14	18	16	15	33	71	78	152	148	292	933
IRELAND	113	15	13	21	27	30	26	23	40	66	66	77	100	70	99	786
INDIA	15	2	5	7	9	10	10	9	16	35	46	87	118	162	222	753
NORWAY	221	24	23	23	19	12	27	34	33	38	44	49	60	63	78	748
U.S.S.R.	726	7	7	1	3	1	1	1	1	1	1	1	1	1	1	747
RUSSIAN FEDERATION		1	10	27	18	26	49	63	48	74	63	74	61	61	77	652
SPAIN	111	17	15	8	20	27	35	18	37	35	43	40	59	61	80	606
NEW ZEALAND	83	3	6	8	9	14	30	16	26	29	28	29	23	30	34	368
SOUTH AFRICA	142	7	10	11	22	17	19	11	15	19	20	14	20	19	21	367
HUNGARY	150	4	4	3	2	4	10	8	5	13	8	31	9	16	12	279
MALAYSIA	8	4	5	2	1	8	3	12	14	13	14	16	30	47	71	248
MEXICO	53	5	3	2	2	4	4	8	10	11	14	19	26	26	21	208
BRAZIL	45	6	5	3	7	5	11	10	8	11	17	17	19	16	17	197
ARGENTINA	40	2	6	4	1	2	4	2	6	4	3	3	6		10	93
POLAND	42			1	2		2	1	1	3	3	2	6	9	12	84
BULGARIA	67	2									1	1	1	2	3	77
CZECH REPUBLIC						1	3	4	6	5	12	13	7	11	10	72
Others (83)	299	16	27	27	39	30	44	46	48	72	65	73	77	93	133	1089
Ownership:																
U.S. Corporations	119001	10880	12464	13504	16077	16090	24052	25012	25927	27858	28490	29874	32575	30238	39988	452030
U.S. Government	5845	372	469	372	343	290	314	283	303	304	294	272	275	249	284	10269
U.S. Individuals	18979	1374	1494	1681	1877	1853	2425	2402	2478	2373	2257	2254	2308	2053	2842	48650
Foreign Corporations	110069	11973	13226	13618	15338	14983	22308	22755	23464	25566	28427	30284	32922	29915	39682	434530
Foreign Government	1637	111	86	80	73	71	68	38	26	18	35	27	21	24	16	2331
Foreign Individuals	8095	550	539	605	660	671	1007	910	965	1014	1119	1071	1047	954	1183	20390

Part A2

Patent Grants as Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2006) ----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
Total	317531	30245	37620	45333	51424	62167	63276	67928	73065	72841	64368	47865	26601	7509	427	968200
U.S. Origin	161104	15170	18718	23638	26634	32366	33666	36128	38095	36312	31523	22649	12353	3385	213	491954
Foreign Origin	156427	15075	18902	21695	24790	29801	29610	31800	34970	36529	32845	25216	14248	4124	214	476246
JAPAN	91973	9791	12344	13804	14864	17513	16322	16701	18619	19519	16555	13048	7373	2602	138	271166
GERMANY	18875	1054	1268	1515	1726	2112	2326	2916	3253	3351	3474	2207	1154	205	12	45448
SOUTH KOREA	1765	569	847	1163	1991	2298	2470	2105	2330	2483	2480	2351	1454	293	11	24610
FRANCE	10152	782	837	911	973	1123	1140	1336	1418	1214	1103	733	311	66	1	22100
UNITED KINGDOM	9324	642	766	885	997	1317	1299	1443	1503	1494	1300	704	285	65	6	22030
TAIWAN	1239	289	390	587	806	1010	1229	1585	1567	2117	2625	2586	1753	404	24	18211
CANADA	4277	430	511	646	768	1057	1194	1210	1277	1162	1019	741	344	102	5	14743
NETHERLANDS	4537	311	382	403	494	509	471	492	550	655	571	316	211	21	1	9924
SWEDEN	1938	181	249	298	319	655	661	683	706	524	347	197	100	22		6880
SWITZERLAND	3529	185	215	224	218	254	256	331	336	357	325	201	110	28	2	6571
ITALY	2323	169	223	274	294	355	366	399	439	504	411	300	164	38		6259
ISRAEL	792	151	211	241	294	387	437	645	637	670	507	274	127	45		5418
FINLAND	556	110	122	164	316	357	337	542	642	578	332	197	100	22	1	4376
AUSTRALIA	769	69	54	78	113	104	204	203	291	211	265	172	113	23	2	2671
BELGIUM	636	69	96	103	135	120	153	157	138	135	115	95	36	6	1	1995
AUSTRIA	639	44	43	46	62	70	84	130	108	168	159	120	87	18	1	1779
SINGAPORE	66	27	47	47	55	85	120	141	194	240	218	144	85	26	1	1496
CHINA,HONG KONG S.A.R	243	22	33	41	49	73	63	82	101	139	127	116	51	10	1	1151
DENMARK	355	22	20	26	38	60	62	117	93	142	104	50	17	5		1111
CHINA P.REP.	72	11	15	13	13	22	24	41	104	141	177	138	112	46	4	933
IRELAND	142	15	40	27	28	39	65	69	102	88	91	44	25	11		786
INDIA	22	8	8	13	11	12	20	74	107	129	140	120	67	22		753
NORWAY	272	22	15	21	21	39	44	56	67	63	58	48	14	8		748
U.S.S.R.	738	4	2	1		1	1									747
RUSSIAN FEDERATION	7	21	30	33	47	62	65	77	100	84	52	48	21	5		652
SPAIN	139	14	28	25	34	27	28	51	57	71	61	46	17	8		606
NEW ZEALAND	95	3	16	17	28	21	27	28	34	41	32	17	7	1	1	368
SOUTH AFRICA	159	17	19	22	16	19	13	19	24	23	15	13	7	1		367
HUNGARY	158	4	2	8	7	10	9	21	16	19	13	9	2	1		279
MALAYSIA	15	4	2	8	2	18	8	19	19	25	31	60	31	6		248
MEXICO	61	2	4	4	6	8	13	20	21	29	15	17	6	2		208
BRAZIL	57	2	12	5	9	8	10	15	15	19	19	21	5			197
ARGENTINA	46	5	3	2	4	2	5	6	1	5	5	3	4	2		93
POLAND	42	1	2		2	1	3	4	5	7	12	3	1	1		84
BULGARIA	69						1	1	1	1	1	3	1			77
CZECH REPUBLIC			1		3	4	6	8	12	17	10	5	6			72
Others (83)	345	25	45	40	47	49	75	73	83	104	76	69	47	9	2	1089
Ownership:																
U.S. Corporations	142865	13882	17248	22165	25150	30514	31509	33770	35494	34141	29750	20964	11280	3107	191	452030
U.S. Government	6660	437	360	368	281	311	335	280	295	277	273	210	140	41	1	10269
U.S. Individuals	21854	1664	2130	2321	2339	2624	2448	2656	2779	2413	2230	1796	1048	326	22	48650
Foreign Corporations	135184	13575	17084	19612	22661	27623	27992	30050	33259	34718	30971	23996	13685	3914	206	434530
Foreign Government	1827	82	80	67	73	40	33	26	26	26	24	20	7			2331
Foreign Individuals	9141	605	718	800	920	1055	959	1146	1212	1266	1120	879	441	121	7	20390

Part B

Ranked Listing of Organizations with PATENT GRANTS

As Distributed By Year of Patent Grant

and As Distributed By Year of Patent Application

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL	
INTERNATIONAL BUSINESS MACHINES CORPORATION																	
Patents By Year of Grant:	5779	823	1001	1112	1545	1406	2228	2200	2233	2646	2606	2800	2759	2528	3194	34860	
Patents By Year of Application:	8046	1001	1492	2111	2282	2993	3090	3573	3387	2845	2024	1351	540	121	4	34860	
CANON KABUSHIKI KAISHA																	
Patents By Year of Grant:	5128	600	714	706	987	914	1323	1173	1169	1110	1130	1153	1160	1216	1676	20159	
Patents By Year of Application:	6460	853	1307	1587	1355	1616	1180	1259	1112	1196	851	736	441	191	15	20159	
HITACHI, LTD																	
Patents By Year of Grant:	6442	617	704	659	724	649	835	771	765	885	1152	1330	1115	929	1372	18949	
Patents By Year of Application:	8058	646	711	837	749	819	733	968	1158	1470	1199	815	611	159	16	18949	
TOSHIBA CORPORATION																	
Patents By Year of Grant:	6286	749	733	742	692	659	895	922	942	859	858	949	1067	1043	1387	18783	
Patents By Year of Application:	7755	659	839	803	953	1035	1008	866	931	1063	1087	895	694	181	14	18783	
NEC CORPORATION																	
Patents By Year of Grant:	3319	509	754	859	869	871	1361	1483	1549	1481	1424	995	740	594	680	17488	
Patents By Year of Application:	4548	664	1135	1025	1381	1881	1882	1702	1418	1030	514	215	74	17	2	17488	
SONY CORPORATION																	
Patents By Year of Grant:	3029	443	506	582	678	646	1081	1145	1102	1120	1172	1069	1063	901	1484	16021	
Patents By Year of Application:	4008	600	730	917	1173	1661	1294	1370	1265	1208	709	489	205	387	5	16021	
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																	
Patents By Year of Grant:	2539	436	537	579	573	507	706	739	770	1000	1131	1276	1410	1256	1760	15219	
Patents By Year of Application:	3530	555	657	641	744	893	967	1166	1446	1562	1261	1074	567	148	8	15219	
FUJITSU LIMITED																	
Patents By Year of Grant:	2200	342	469	586	723	757	1016	1008	939	998	1018	1120	1103	1000	1315	14594	
Patents By Year of Application:	3099	532	846	1020	1116	1222	1245	1074	1188	1220	901	620	356	151	4	14594	
MITSUBISHI DENKI KABUSHIKI KAISHA																	
Patents By Year of Grant:	3832	605	695	710	738	670	858	795	762	848	1028	953	597	474	463	14028	
Patents By Year of Application:	5144	661	752	857	826	895	796	840	957	1056	701	321	169	53	0	14028	
MOTOROLA, INC.																	
Patents By Year of Grant:	3935	571	660	814	878	844	1171	980	992	636	552	491	491	415	528	13958	
Patents By Year of Application:	5111	781	989	1141	1141	1125	845	581	784	504	502	316	121	16	1	13958	
SAMSUNG ELECTRONICS CO., LTD.																	
Patents By Year of Grant:	370	239	327	323	366	424	929	1119	989	1049	936	918	1141	1170	1758	12058	
Patents By Year of Application:	978	322	370	478	1143	1180	1352	1093	985	1063	1067	1179	716	125	7	12058	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
INTEL CORPORATION																
Patents By Year of Grant:	312	98	183	251	393	371	658	657	692	713	942	1379	1357	1276	1650	10932
Patents By Year of Application:	581	290	424	573	759	918	987	1207	1413	1332	1200	829	343	73	3	10932
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	4681	210	212	247	266	282	397	435	558	493	463	440	514	499	644	10341
Patents By Year of Application:	5075	218	292	324	408	527	590	676	595	569	479	347	201	40	0	10341
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	5644	357	317	418	396	396	589	575	577	578	215	3	2	0	2	10069
Patents By Year of Application:	6308	380	477	565	613	630	581	372	129	14	0	0	0	0	0	10069
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	5013	277	312	267	280	234	280	279	286	453	514	392	405	369	471	9832
Patents By Year of Application:	5540	272	301	284	297	297	371	545	573	418	337	354	179	58	6	9832
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	2345	225	317	334	425	423	473	446	481	578	554	601	667	577	693	9139
Patents By Year of Application:	2892	387	498	577	424	570	512	615	618	698	604	459	226	59	0	9139
AT&T CORP.																
Patents By Year of Grant:	4336	283	446	484	425	44	145	271	286	280	278	203	211	196	259	8147
Patents By Year of Application:	5024	517	365	187	214	482	332	283	254	269	108	60	36	16	0	8147
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	89	66	55	24	81	157	334	523	654	821	930	932	1002	927	968	7563
Patents By Year of Application:	203	34	47	199	329	681	822	827	923	1001	1027	716	577	168	9	7563
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	2164	277	352	299	287	300	444	385	436	398	388	376	418	380	568	7472
Patents By Year of Application:	2804	315	326	374	444	454	480	369	510	465	376	338	180	37	0	7472
XEROX CORPORATION																
Patents By Year of Grant:	2184	285	312	302	402	333	451	375	276	360	335	350	285	266	332	6848
Patents By Year of Application:	2735	361	392	418	395	346	543	518	402	255	225	153	79	26	0	6848
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	2175	365	356	309	358	358	464	410	331	260	216	228	301	302	387	6820
Patents By Year of Application:	2858	288	355	349	516	480	457	249	380	260	281	201	131	14	1	6820
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	0	0	0	0	235	596	767	864	1027	819	573	545	488	367	521	6802
Patents By Year of Application:	15	54	334	717	783	1031	1311	1065	685	328	216	182	66	13	2	6802

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
--	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-------

HEWLETT-PACKARD COMPANY

Patents By Year of Grant:	1249	208	287	291	307	311	521	552	561	571	623	216	0	5	8	5710
Patents By Year of Application:	1757	266	322	382	599	671	642	521	322	214	12	0	1	1	0	5710

MICROSOFT CORPORATION

Patents By Year of Grant:	15	15	23	46	97	194	330	348	342	393	495	493	617	731	1450	5589
Patents By Year of Application:	102	67	156	263	373	500	632	717	890	631	517	255	313	163	10	5589

RICOH COMPANY, LTD.

Patents By Year of Grant:	1680	193	209	190	212	252	296	293	291	243	208	268	370	315	507	5527
Patents By Year of Application:	2076	203	238	281	313	312	311	317	296	324	332	306	162	54	2	5527

FUJI PHOTO FILM CO., LTD

Patents By Year of Grant:	2147	179	145	142	146	179	208	216	196	231	260	330	411	327	408	5525
Patents By Year of Application:	2464	150	157	211	249	258	255	336	421	392	271	208	117	33	3	5525

SUN MICROSYSTEMS, INC.

Patents By Year of Grant:	98	59	65	59	108	147	415	540	448	420	481	540	657	624	765	5426
Patents By Year of Application:	234	60	114	305	602	645	484	541	631	746	722	273	59	10	0	5426

ADVANCED MICRO DEVICES, INC.

Patents By Year of Grant:	509	74	67	105	146	203	407	533	580	517	547	456	460	325	269	5198
Patents By Year of Application:	653	111	157	294	400	716	558	535	638	469	384	197	77	9	0	5198

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	872	1234	1299	1666	5071
Patents By Year of Application:	0	1	0	1	4	23	92	297	843	1432	1126	926	262	61	3	5071

KONINKLIJKE PHILIPS ELECTRONICS N.V.

Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	6	666	1048	1007	668	793	4188
Patents By Year of Application:	2	1	1	10	23	33	158	510	894	1339	920	229	60	8	0	4188

TELEFONAKTIEBOLAGET LM ERICSSON

Patents By Year of Grant:	332	44	61	76	140	104	189	339	434	464	476	449	382	325	351	4166
Patents By Year of Application:	446	91	123	211	227	567	606	590	652	403	148	68	27	7	0	4166

UNITED STATES OF AMERICA, NAVY

Patents By Year of Grant:	2052	131	160	150	136	116	150	142	159	131	166	148	154	129	133	4057
Patents By Year of Application:	2401	143	136	151	131	167	162	122	144	149	142	118	74	17	0	4057

SEIKO EPSON CORPORATION

Patents By Year of Grant:	218	94	88	86	111	133	178	148	176	235	295	422	471	514	729	3898
Patents By Year of Application:	407	100	134	173	160	180	267	309	390	495	483	449	295	56	0	3898

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL	
MINOLTA CAMERA CO., LTD.																	
Patents By Year of Grant:	1714	180	115	78	115	106	221	234	192	173	140	139	164	122	158	3851	
Patents By Year of Application:	2014	91	134	129	205	274	271	216	219	166	86	37	8	1	0	3851	
RCA CORPORATION																	
Patents By Year of Grant:	3663	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3663	
Patents By Year of Application:	3663	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3663	
ROBERT BOSCH GMBH																	
Patents By Year of Grant:	1047	83	94	100	106	69	111	166	208	268	267	278	326	271	256	3650	
Patents By Year of Application:	1221	104	102	103	115	184	226	283	324	312	409	198	62	7	0	3650	
WESTINGHOUSE ELECTRIC CORP.																	
Patents By Year of Grant:	3091	127	119	53	47	23	26	3	0	0	0	0	0	0	0	3489	
Patents By Year of Application:	3311	68	65	22	14	9	0	0	0	0	0	0	0	0	0	3489	
NIKON CORPORATION																	
Patents By Year of Grant:	742	98	78	165	307	308	362	214	167	171	148	204	165	134	109	3372	
Patents By Year of Application:	879	120	272	446	302	325	178	183	213	194	108	94	44	12	2	3372	
UNISYS CORPORATION																	
Patents By Year of Grant:	1986	46	74	97	121	100	114	83	82	88	106	84	109	82	102	3274	
Patents By Year of Application:	2118	105	117	127	108	130	128	144	109	73	60	47	8	0	0	3274	
SANYO ELECTRIC CO., LTD.																	
Patents By Year of Grant:	594	65	73	61	81	92	162	147	139	180	216	225	257	233	366	2891	
Patents By Year of Application:	707	78	108	105	169	167	216	211	274	268	248	185	101	49	5	2891	
NORTEL NETWORKS LIMITED																	
Patents By Year of Grant:	0	0	0	0	0	0	0	86	375	452	393	423	479	366	309	2883	
Patents By Year of Application:	1	0	1	7	70	433	647	666	604	211	147	64	31	1	0	2883	
OLYMPUS OPTICAL CO., LTD.																	
Patents By Year of Grant:	1296	105	147	123	132	110	136	110	137	135	132	109	62	47	38	2819	
Patents By Year of Application:	1516	164	155	140	133	130	134	148	142	76	46	26	3	6	0	2819	
NATIONAL SEMICONDUCTOR CORPORATION																	
Patents By Year of Grant:	591	86	108	141	171	158	143	157	144	136	159	185	179	192	222	2772	
Patents By Year of Application:	766	125	171	225	134	131	182	141	173	186	204	187	128	19	0	2772	
INFINEON TECHNOLOGIES AG																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	26	161	319	452	555	570	675	2758	
Patents By Year of Application:	0	0	0	0	4	7	57	120	334	613	721	518	328	53	3	2758	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL	
MURATA MANUFACTURING CO., LTD.																	
Patents By Year of Grant:	455	42	54	72	85	95	145	202	212	227	310	304	253	167	124	2747	
Patents By Year of Application:	536	71	93	101	172	215	202	233	328	285	252	181	66	12	0	2747	
LSI LOGIC CORPORATION																	
Patents By Year of Grant:	42	26	19	45	84	116	175	262	239	234	235	294	309	279	342	2701	
Patents By Year of Application:	97	57	69	170	246	299	310	179	212	408	347	226	63	18	0	2701	
OKI ELECTRIC INDUSTRY CO., LTD.																	
Patents By Year of Grant:	427	81	85	65	71	54	105	165	188	235	246	214	205	235	248	2624	
Patents By Year of Application:	573	68	80	91	92	220	247	207	250	220	244	212	96	23	1	2624	
HUGHES AIRCRAFT COMPANY																	
Patents By Year of Grant:	1619	193	234	203	185	76	26	5	1	0	0	0	0	0	0	2542	
Patents By Year of Application:	2050	203	155	103	29	2	0	0	0	0	0	0	0	0	0	2542	
PIONEER ELECTRONIC CORPORATION																	
Patents By Year of Grant:	1267	178	141	127	87	94	120	126	118	110	63	33	26	11	8	2509	
Patents By Year of Application:	1568	123	106	100	129	156	146	131	16	15	12	5	2	0	0	2509	
LG ELECTRONICS INC.																	
Patents By Year of Grant:	0	0	0	0	15	65	146	163	168	185	233	290	313	308	516	2402	
Patents By Year of Application:	1	1	0	116	148	238	239	246	358	424	299	189	114	27	2	2402	
CISCO TECHNOLOGY, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	19	42	103	157	214	327	423	437	638	2360	
Patents By Year of Application:	0	0	1	14	36	116	272	498	580	392	225	153	59	14	0	2360	
ALPS ELECTRIC CO., LTD.																	
Patents By Year of Grant:	810	29	26	27	22	47	62	108	127	181	155	189	194	170	150	2297	
Patents By Year of Application:	857	23	32	49	72	135	121	178	211	216	151	155	74	20	3	2297	
THOMSON-CSF																	
Patents By Year of Grant:	1544	64	62	71	41	41	54	55	40	42	38	19	10	1	1	2083	
Patents By Year of Application:	1677	56	60	58	45	48	49	37	36	17	0	0	0	0	0	2083	
FUJI XEROX CO., LTD.																	
Patents By Year of Grant:	387	97	99	90	116	93	192	150	106	94	109	114	122	120	166	2055	
Patents By Year of Application:	595	89	95	157	191	162	120	134	145	118	83	113	43	9	1	2055	
AGILENT TECHNOLOGIES, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	74	215	222	278	493	413	343	2038	
Patents By Year of Application:	0	0	1	5	4	21	180	232	268	332	450	347	151	46	1	2038	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
NCR CORPORATION																
Patents By Year of Grant:	687	77	71	40	30	62	129	154	105	108	134	135	112	76	105	2025
Patents By Year of Application:	863	48	38	99	140	180	138	148	149	109	75	21	15	2	0	2025
DIGITAL EQUIPMENT CORPORATION																
Patents By Year of Grant:	680	230	245	171	157	129	157	120	91	15	0	0	0	0	0	1995
Patents By Year of Application:	1182	183	160	145	144	129	47	5	0	0	0	0	0	0	0	1995
RAYTHEON COMPANY																
Patents By Year of Grant:	755	56	40	33	7	15	72	149	125	130	99	121	137	96	149	1984
Patents By Year of Application:	881	46	21	33	98	159	94	88	109	125	139	101	67	22	1	1984
HONEYWELL INC.																
Patents By Year of Grant:	1208	83	97	110	79	69	80	70	53	32	20	17	11	4	2	1935
Patents By Year of Application:	1382	110	84	75	98	83	53	37	8	3	2	0	0	0	0	1935
VICTOR COMPANY OF JAPAN, LIMITED																
Patents By Year of Grant:	1041	68	52	42	47	53	70	73	73	54	54	59	78	69	82	1915
Patents By Year of Application:	1156	42	53	60	85	84	83	64	61	96	44	56	23	8	0	1915
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	313	51	55	62	69	90	113	120	125	146	147	120	156	165	181	1913
Patents By Year of Application:	422	70	71	109	82	122	150	119	193	136	178	157	76	28	0	1913
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	1178	49	73	81	68	58	59	47	56	52	40	29	32	31	49	1902
Patents By Year of Application:	1271	80	81	83	58	46	55	60	45	26	33	23	32	9	0	1902
DENSO CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	41	130	152	188	225	232	297	263	364	1892
Patents By Year of Application:	0	0	1	1	48	130	166	207	209	291	287	279	192	77	4	1892
QUALCOMM, INC.																
Patents By Year of Grant:	21	8	8	21	48	45	82	105	98	171	195	178	280	200	397	1857
Patents By Year of Application:	37	22	55	77	123	127	174	273	203	315	246	132	58	14	1	1857
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	654	122	132	89	87	89	157	152	115	99	115	3	4	0	0	1818
Patents By Year of Application:	884	98	102	109	127	184	119	102	72	21	0	0	0	0	0	1818
ERICSSON, INC.																
Patents By Year of Grant:	1	0	0	4	29	66	199	275	300	256	247	179	109	59	46	1770
Patents By Year of Application:	6	9	38	95	325	354	362	304	158	90	22	6	1	0	0	1770

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL	
COMPAQ COMPUTER CORPORATION, INC.																	
Patents By Year of Grant:	96	43	55	76	82	116	236	242	300	345	154	23	0	0	0	1768	
Patents By Year of Application:	220	76	93	145	317	359	381	120	47	9	1	0	0	0	0	1768	
YAMAHA CORPORATION																	
Patents By Year of Grant:	299	122	88	103	110	103	144	138	74	75	89	75	83	109	131	1743	
Patents By Year of Application:	525	104	98	122	128	141	97	90	108	106	102	83	29	10	0	1743	
HARRIS CORP.																	
Patents By Year of Grant:	627	46	56	56	77	84	100	102	58	82	74	67	83	118	83	1713	
Patents By Year of Application:	743	42	93	89	106	82	85	72	82	73	96	111	29	10	0	1713	
NISSAN MOTOR COMPANY, LIMITED																	
Patents By Year of Grant:	793	54	45	42	29	34	45	50	71	77	87	70	83	91	112	1683	
Patents By Year of Application:	908	27	33	47	36	54	70	55	77	96	106	99	51	24	0	1683	
EATON CORPORATION																	
Patents By Year of Grant:	575	41	63	76	89	72	99	117	97	86	88	69	70	65	74	1681	
Patents By Year of Application:	661	84	93	74	88	99	103	100	102	69	68	67	47	25	1	1681	
RENESAS TECHNOLOGY CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	11	706	481	482	1680	
Patents By Year of Application:	0	0	0	0	2	2	11	25	75	205	534	505	212	101	8	1680	
ROCKWELL INTERNATIONAL CORPORATION																	
Patents By Year of Grant:	1186	72	79	66	75	47	69	63	11	6	0	1	0	0	0	1675	
Patents By Year of Application:	1338	77	71	84	54	40	7	3	0	1	0	0	0	0	0	1675	
APPLE COMPUTER, INC.																	
Patents By Year of Grant:	92	45	50	101	165	197	247	165	83	94	72	74	90	82	104	1661	
Patents By Year of Application:	224	138	182	308	212	124	84	78	55	88	91	49	24	4	0	1661	
BROADCOM CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	2	2	0	6	42	74	166	296	408	655	1651	
Patents By Year of Application:	0	0	2	3	0	7	14	88	190	282	421	283	258	97	6	1651	
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																	
Patents By Year of Grant:	126	28	31	20	51	49	59	92	90	120	142	167	207	197	250	1629	
Patents By Year of Application:	197	27	61	76	82	135	107	155	161	183	198	132	90	25	0	1629	
GENERAL MOTORS CORPORATION																	
Patents By Year of Grant:	776	64	44	41	57	42	42	42	39	53	45	53	71	87	147	1603	
Patents By Year of Application:	880	42	56	56	42	30	35	37	67	72	84	120	72	9	1	1603	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
BOEING COMPANY																
Patents By Year of Grant:	567	35	27	28	35	31	43	32	32	50	64	97	153	155	231	1580
Patents By Year of Application:	642	27	29	65	32	26	35	44	67	164	180	177	74	17	1	1580
TEKTRONIX INC.																
Patents By Year of Grant:	935	50	31	48	42	35	41	54	43	51	50	48	52	43	33	1556
Patents By Year of Application:	1023	37	44	51	36	65	76	29	58	51	41	22	20	3	0	1556
NORTHERN TELECOM LIMITED																
Patents By Year of Grant:	723	52	63	69	90	56	184	213	67	19	11	2	1	0	0	1550
Patents By Year of Application:	811	91	81	96	229	191	48	3	0	0	0	0	0	0	0	1550
NOKIA MOBILE PHONES LTD.																
Patents By Year of Grant:	20	26	42	42	40	42	103	148	160	178	192	191	160	103	93	1540
Patents By Year of Application:	96	41	42	71	160	234	213	223	267	162	18	6	6	1	0	1540
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	41	197	251	290	323	210	189	1501
Patents By Year of Application:	0	2	4	13	10	24	137	245	283	359	233	163	26	2	0	1501
NOKIA CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	5	41	201	348	320	585	1500
Patents By Year of Application:	0	0	0	0	0	2	16	160	265	415	366	187	78	10	1	1500
UNITED STATES OF AMERICA, AIR FORCE																
Patents By Year of Grant:	944	65	64	38	49	45	36	36	28	49	27	23	19	19	27	1469
Patents By Year of Application:	1063	55	46	51	38	38	34	35	24	29	20	16	14	6	0	1469
KONICA CORPORATION																
Patents By Year of Grant:	597	68	85	57	67	50	55	58	59	50	69	51	75	50	53	1444
Patents By Year of Application:	720	74	53	75	55	58	80	66	61	74	71	52	2	3	0	1444
ALCATEL																
Patents By Year of Grant:	0	0	0	0	0	0	0	34	165	223	197	191	241	168	223	1442
Patents By Year of Application:	0	0	0	1	5	93	280	338	257	203	141	69	52	3	0	1442
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	471	77	60	37	56	66	79	97	75	81	52	49	65	55	89	1409
Patents By Year of Application:	594	48	62	76	94	115	115	68	51	37	41	53	38	17	0	1409
XILINX, INC.																
Patents By Year of Grant:	22	2	22	20	55	60	76	92	114	122	139	130	128	168	255	1405
Patents By Year of Application:	39	21	37	82	76	109	108	112	180	135	173	193	125	13	2	1405

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL	
HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.																	
Patents By Year of Grant:	14	12	21	24	65	84	120	148	197	323	187	93	72	14	9	1383	
Patents By Year of Application:	49	23	54	90	133	187	241	280	229	68	20	4	3	2	0	1383	
ROHM COMPANY LIMITED																	
Patents By Year of Grant:	28	39	127	119	68	74	86	77	88	98	111	105	112	102	140	1374	
Patents By Year of Application:	190	96	101	81	85	91	97	106	128	108	102	93	75	19	2	1374	
FANUC LTD.																	
Patents By Year of Grant:	721	84	63	62	52	37	56	39	35	43	27	20	23	42	68	1372	
Patents By Year of Application:	861	49	71	66	26	54	49	44	14	17	26	38	36	21	0	1372	
TRW INC.																	
Patents By Year of Grant:	390	32	54	54	43	41	68	112	132	159	128	64	22	9	6	1314	
Patents By Year of Application:	490	50	40	57	87	109	135	166	106	61	13	0	0	0	0	1314	
CASIO COMPUTER CO. LTD.																	
Patents By Year of Grant:	573	58	54	51	76	47	64	69	71	57	48	32	33	25	42	1300	
Patents By Year of Application:	692	57	75	68	64	86	77	45	51	27	23	21	11	3	0	1300	
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																	
Patents By Year of Grant:	949	57	83	41	22	17	17	15	13	13	9	13	11	7	6	1273	
Patents By Year of Application:	1063	65	31	17	15	10	20	10	13	8	10	7	2	2	0	1273	
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																	
Patents By Year of Grant:	168	32	50	53	83	48	89	73	71	62	82	91	107	116	122	1247	
Patents By Year of Application:	247	53	75	104	86	63	83	85	90	132	98	86	32	12	1	1247	
TDK CORPORATION																	
Patents By Year of Grant:	176	20	24	24	24	22	33	50	76	117	133	125	112	97	194	1227	
Patents By Year of Application:	212	26	33	27	26	57	101	135	135	150	81	111	91	39	3	1227	
3COM CORPORATION																	
Patents By Year of Grant:	4	2	7	14	19	22	34	80	129	194	157	189	181	87	83	1202	
Patents By Year of Application:	21	9	18	36	39	144	248	300	225	109	32	16	5	0	0	1202	
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																	
Patents By Year of Grant:	55	40	43	64	50	55	119	101	98	79	95	86	94	74	139	1192	
Patents By Year of Application:	142	53	57	81	96	111	101	112	97	102	89	81	52	18	0	1192	
SUMITOMO ELECTRIC INDUSTRIES CO., LTD.																	
Patents By Year of Grant:	292	70	74	90	68	45	47	39	47	35	64	63	73	82	84	1173	
Patents By Year of Application:	435	71	97	52	47	41	40	37	63	71	81	85	42	11	0	1173	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
CYPRESS SEMICONDUCTOR CORP.																
Patents By Year of Grant:	23	3	5	16	16	45	94	106	100	92	108	158	140	116	145	1167
Patents By Year of Application:	31	12	24	65	99	133	86	112	171	217	147	20	46	3	1	1167
DELL PRODUCTS, L.P.																
Patents By Year of Grant:	1	6	17	52	79	80	94	80	80	118	96	121	116	119	106	1165
Patents By Year of Application:	24	58	69	114	76	104	85	190	116	120	86	89	23	11	0	1165
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	321	30	16	24	41	38	77	105	82	82	72	57	61	68	90	1164
Patents By Year of Application:	366	28	42	46	78	109	89	69	71	77	55	72	43	19	0	1164
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	0	0	0	0	0	0	3	52	125	178	211	175	133	143	139	1159
Patents By Year of Application:	1	0	0	7	16	39	135	176	213	220	153	131	62	6	0	1159
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	31	112	132	148	261	198	275	1157
Patents By Year of Application:	3	0	2	2	5	20	67	101	186	200	245	169	122	34	1	1157
PITNEY-BOWES, INC.																
Patents By Year of Grant:	504	27	36	31	27	42	70	47	51	45	46	46	57	66	55	1150
Patents By Year of Application:	573	39	50	62	57	63	57	80	58	46	40	17	7	1	0	1150
LG. PHILIPS LCD CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	7	44	106	165	238	264	297	1121
Patents By Year of Application:	0	0	0	0	3	8	40	69	186	246	234	217	105	13	0	1121
ANALOG DEVICES, INC.																
Patents By Year of Grant:	148	16	33	53	59	65	65	55	50	60	57	105	108	113	122	1109
Patents By Year of Application:	187	39	66	92	69	49	59	64	73	96	146	79	72	18	0	1109
NIPPONDENSO CO., LTD.																
Patents By Year of Grant:	476	41	54	56	120	131	165	43	14	6	2	1	0	0	0	1109
Patents By Year of Application:	570	67	109	161	172	22	4	2	1	1	0	0	0	0	0	1109
NIPPON TELEGRAPH & TELEPHONE CORP.																
Patents By Year of Grant:	412	35	28	39	45	50	67	49	49	66	43	49	54	43	66	1095
Patents By Year of Application:	474	31	57	61	68	77	67	61	65	41	48	24	13	7	1	1095
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	1	1	0	3	12	22	54	70	57	86	113	124	125	179	245	1092
Patents By Year of Application:	2	0	5	19	49	81	63	91	92	126	175	196	172	20	1	1092

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
--	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-------

ZENITH ELECTRONICS CORPORATION

Patents By Year of Grant:	788	39	27	26	30	30	25	21	21	16	8	16	14	10	7	1078
Patents By Year of Application:	863	22	27	30	35	26	18	20	13	12	6	5	1	0	0	1078

SCHLUMBERGER TECHNOLOGY CORPORATION

Patents By Year of Grant:	353	31	35	34	36	25	25	33	60	48	53	77	77	77	89	1053
Patents By Year of Application:	415	33	40	30	28	51	55	55	70	70	99	78	24	5	0	1053

GTE PRODUCTS CORPORATION

Patents By Year of Grant:	973	38	22	4	1	0	3	0	2	0	0	0	0	0	0	1043
Patents By Year of Application:	1039	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1043

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Patents By Year of Grant:	310	42	41	47	50	44	60	54	42	50	63	65	53	51	61	1033
Patents By Year of Application:	400	46	58	58	51	54	68	58	64	57	55	42	18	3	1	1033

YAZAKI CORP.

Patents By Year of Grant:	97	25	27	28	41	42	74	70	68	97	105	115	87	63	61	1000
Patents By Year of Application:	142	35	46	35	77	77	77	80	127	97	97	57	40	13	0	1000

PIIONEER CORPORATION

Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	38	114	183	222	196	242	998
Patents By Year of Application:	0	0	0	0	0	1	4	106	201	247	257	138	34	10	0	998

ALTERA CORPORATION

Patents By Year of Grant:	25	14	17	12	37	28	48	65	95	111	84	62	83	109	193	983
Patents By Year of Application:	46	24	24	47	54	100	84	82	77	87	114	119	98	27	0	983

FORD MOTOR COMPANY

Patents By Year of Grant:	334	60	72	76	92	78	65	47	28	12	8	26	36	25	20	979
Patents By Year of Application:	459	79	97	87	48	51	25	14	60	9	25	19	3	3	0	979

THOMSON LICENSING S.A.

Patents By Year of Grant:	0	0	0	0	0	0	0	0	42	86	130	169	174	138	239	978
Patents By Year of Application:	0	0	0	6	14	32	104	186	203	172	158	81	20	2	0	978

UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Patents By Year of Grant:	472	47	65	43	40	34	35	18	24	31	27	29	40	36	30	971
Patents By Year of Application:	559	71	42	36	27	24	38	24	36	32	35	30	13	3	1	971

EMC CORPORATION

Patents By Year of Grant:	3	4	2	5	23	21	57	65	74	83	90	129	122	126	155	959
Patents By Year of Application:	11	5	29	52	68	95	94	117	156	148	100	58	21	5	0	959

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL	
MINNESOTA MINING AND MANUFACTURING COMPANY																	
Patents By Year of Grant:	534	57	77	74	60	45	66	23	11	2	6	2	0	0	0	957	
Patents By Year of Application:	649	68	68	77	47	37	5	2	3	1	0	0	0	0	0	957	
SEIKO INSTRUMENTS INC.																	
Patents By Year of Grant:	130	24	30	36	37	32	39	41	69	102	107	112	101	44	51	955	
Patents By Year of Application:	183	49	53	34	42	42	78	99	112	101	75	56	21	9	1	955	
NORTHROP GRUMMAN CORPORATION																	
Patents By Year of Grant:	0	0	7	23	64	50	109	80	59	38	47	104	129	105	122	937	
Patents By Year of Application:	25	19	44	92	75	94	76	55	107	108	81	104	41	15	1	937	
LOCKHEED MARTIN CORPORATION																	
Patents By Year of Grant:	0	0	0	0	10	31	58	75	95	84	98	101	113	119	145	929	
Patents By Year of Application:	28	5	10	42	60	65	90	111	91	141	125	102	47	12	0	929	
POLAROID CORPORATION																	
Patents By Year of Grant:	701	16	11	17	19	17	31	30	23	12	5	12	9	3	10	916	
Patents By Year of Application:	723	14	29	27	24	29	21	12	15	15	3	3	1	0	0	916	
CIRRUS LOGIC, INC.																	
Patents By Year of Grant:	8	2	13	32	63	84	127	108	100	81	84	83	44	45	40	914	
Patents By Year of Application:	25	40	60	148	121	138	96	75	67	53	38	26	14	12	1	914	
FUJI ELECTRIC CO., LTD.																	
Patents By Year of Grant:	286	39	49	54	71	51	45	57	38	31	44	46	48	27	16	902	
Patents By Year of Application:	368	56	72	66	38	55	29	32	47	55	48	32	4	0	0	902	
BRITISH TELECOMMUNICATION, PLC																	
Patents By Year of Grant:	229	21	33	49	41	34	67	76	66	86	54	42	30	31	40	899	
Patents By Year of Application:	289	51	65	42	86	77	173	25	46	31	10	4	0	0	0	899	
COMMISSARIAT A L'ENERGIE ATOMIQUE																	
Patents By Year of Grant:	404	22	30	25	28	39	41	31	24	42	41	28	47	42	43	887	
Patents By Year of Application:	452	20	38	41	42	31	35	53	42	40	47	33	12	1	0	887	
DELPHI TECHNOLOGIES, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	2	18	87	171	170	156	127	137	868	
Patents By Year of Application:	0	0	0	0	2	2	16	98	182	180	167	136	63	20	2	868	
AGERE SYSTEMS INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	10	35	244	218	143	210	860	
Patents By Year of Application:	0	0	1	0	0	6	40	197	191	189	100	66	59	11	0	860	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
CITIZEN WATCH CO., LTD.																
Patents By Year of Grant:	467	7	9	7	18	19	24	43	45	45	33	41	45	21	25	849
Patents By Year of Application:	480	11	19	25	23	48	52	57	46	37	27	19	3	2	0	849
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE																
Patents By Year of Grant:	7	6	5	11	20	38	89	96	90	54	74	74	56	83	146	849
Patents By Year of Application:	17	5	42	36	95	109	122	57	67	76	104	74	34	10	1	849
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	600	37	30	41	23	19	6	12	9	7	13	6	8	13	10	834
Patents By Year of Application:	667	33	43	8	11	11	16	9	6	8	7	8	4	2	1	834
SEAGATE TECHNOLOGY, INCORPORATED																
Patents By Year of Grant:	116	53	44	32	48	76	117	126	162	23	6	5	1	1	1	811
Patents By Year of Application:	199	41	69	92	96	175	109	24	2	2	0	2	0	0	0	811
STMICROELECTRONICS S.A.																
Patents By Year of Grant:	0	0	0	0	0	0	1	21	66	86	116	123	128	123	145	809
Patents By Year of Application:	0	1	0	1	5	2	93	138	162	105	134	105	59	4	0	809
HYNIX SEMICONDUCTOR INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	44	121	158	190	285	801
Patents By Year of Application:	0	0	1	0	0	1	5	10	26	127	201	201	189	40	0	801
KOITO MANUFACTURING COMPANY LIMITED																
Patents By Year of Grant:	138	18	19	36	41	33	38	39	52	55	74	84	58	49	63	797
Patents By Year of Application:	165	35	44	41	47	36	57	45	72	71	75	69	35	5	0	797
VLSI TECHNOLOGY, INC.																
Patents By Year of Grant:	75	50	59	69	83	73	115	106	89	61	16	0	0	0	0	796
Patents By Year of Application:	207	52	78	95	124	121	73	40	5	1	0	0	0	0	0	796
SYMBOL TECHNOLOGIES, INC.																
Patents By Year of Grant:	57	30	32	39	43	43	61	61	47	38	37	59	76	56	115	794
Patents By Year of Application:	119	30	49	63	61	67	56	36	70	77	66	62	30	8	0	794
BELLSOUTH INTELLECTUAL PROPERTY CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	12	19	22	45	79	166	164	286	793
Patents By Year of Application:	0	0	0	1	8	26	29	92	151	185	163	82	45	9	2	793
SGS-THOMSON MICROELECTRONICS S.R.L.																
Patents By Year of Grant:	126	41	40	38	96	102	157	91	58	24	11	4	1	1	0	790
Patents By Year of Application:	207	49	95	119	122	141	44	5	5	2	1	0	0	0	0	790

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
MITA INDUSTRIAL COMPANY LTD.																
Patents By Year of Grant:	306	55	52	54	67	56	125	54	17	1	0	0	0	0	0	787
Patents By Year of Application:	407	59	55	73	79	83	23	8	0	0	0	0	0	0	0	787
DAEWOO ELECTRONICS COMPANY, LTD.																
Patents By Year of Grant:	4	0	12	41	89	126	173	164	79	44	11	1	3	11	11	769
Patents By Year of Application:	9	36	108	150	154	164	107	12	4	2	7	6	10	0	0	769
ITT CORPORATION																
Patents By Year of Grant:	631	24	34	29	22	12	7	5	2	0	0	0	0	0	0	766
Patents By Year of Application:	683	29	20	25	6	2	1	0	0	0	0	0	0	0	0	766
ADVANTEST CORP.																
Patents By Year of Grant:	37	16	10	13	16	34	69	66	57	87	100	76	66	45	70	762
Patents By Year of Application:	62	13	18	36	64	80	88	115	78	68	40	56	37	6	1	762
UNITED MICROELECTRONICS CORPORATION																
Patents By Year of Grant:	4	2	7	37	56	74	82	76	73	88	75	60	27	40	43	744
Patents By Year of Application:	8	16	61	89	90	63	85	85	69	63	41	31	36	7	0	744
NEC ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	187	203	163	179	732
Patents By Year of Application:	0	0	0	0	0	0	7	41	106	152	168	155	79	23	1	732
SQUARE D COMPANY																
Patents By Year of Grant:	328	34	29	42	30	31	42	43	16	39	26	28	21	7	16	732
Patents By Year of Application:	398	31	40	39	36	34	38	37	24	28	13	12	2	0	0	732
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	414	37	59	41	29	13	22	22	42	30	13	6	3	0	0	731
Patents By Year of Application:	496	53	32	16	20	35	30	42	4	0	3	0	0	0	0	731
PHILIPS ELECTRONICS NORTH AMERICA CORP.																
Patents By Year of Grant:	0	0	7	29	65	64	109	107	119	150	61	1	1	0	0	713
Patents By Year of Application:	2	36	78	89	123	134	121	83	42	5	0	0	0	0	0	713
SGS-THOMSON MICROELECTRONICS S.A.																
Patents By Year of Grant:	110	27	35	49	56	80	110	105	75	33	13	8	2	4	2	709
Patents By Year of Application:	165	69	65	115	92	121	61	9	6	2	0	1	3	0	0	709
HUGHES ELECTRONICS CORP.																
Patents By Year of Grant:	0	0	0	0	2	1	67	102	118	137	120	61	51	26	10	695
Patents By Year of Application:	3	0	8	21	83	114	141	126	136	42	17	4	0	0	0	695

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
--	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-------

APPLIED MATERIALS, INC.

Patents By Year of Grant:	23	6	6	11	22	19	44	47	48	61	95	102	64	66	74	688
Patents By Year of Application:	32	11	21	34	51	53	61	91	94	88	72	44	31	4	1	688

NOKIA TELECOMMUNICATIONS OYJ

Patents By Year of Grant:	0	0	5	23	40	47	91	116	110	104	93	43	8	2	1	683
Patents By Year of Application:	1	25	35	63	153	138	131	132	3	1	0	1	0	0	0	683

CALIFORNIA INSTITUTE OF TECHNOLOGY

Patents By Year of Grant:	145	15	23	24	10	18	35	45	50	53	40	48	53	52	60	671
Patents By Year of Application:	184	28	14	27	41	47	63	46	54	66	45	39	13	4	0	671

CATERPILLAR INC.

Patents By Year of Grant:	120	14	18	35	41	50	36	70	50	53	38	25	39	41	41	671
Patents By Year of Application:	156	40	37	53	60	52	57	45	47	34	51	26	11	2	0	671

STMICROELECTRONICS, INC.

Patents By Year of Grant:	0	0	0	0	0	0	33	93	94	72	74	90	83	52	71	662
Patents By Year of Application:	2	3	10	15	46	111	96	88	92	80	46	45	25	3	0	662

GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC

Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	20	131	117	149	125	114	656
Patents By Year of Application:	0	0	0	0	0	0	8	43	122	136	187	109	44	7	0	656

ALCATEL N. V.

Patents By Year of Grant:	167	54	83	65	84	62	89	37	8	2	2	0	0	0	0	653
Patents By Year of Application:	308	57	86	94	90	14	2	2	0	0	0	0	0	0	0	653

GOLDSTAR COMPANY, LTD.

Patents By Year of Grant:	143	64	102	115	118	59	33	10	1	2	0	0	0	0	0	647
Patents By Year of Application:	316	110	141	42	29	9	0	0	0	0	0	0	0	0	0	647

STORAGE TECHNOLOGY CORPORATION

Patents By Year of Grant:	110	20	30	31	26	15	13	25	42	50	50	50	67	52	60	641
Patents By Year of Application:	167	31	30	10	15	34	38	76	78	63	60	23	10	6	0	641

GENERAL INSTRUMENT CORPORATION

Patents By Year of Grant:	196	27	22	20	21	29	30	26	24	22	27	32	49	52	60	637
Patents By Year of Application:	247	18	27	32	35	26	36	39	67	54	31	14	6	4	1	637

DAINIPPON SCREEN MFG. CO., LTD.

Patents By Year of Grant:	376	37	25	26	15	13	25	27	15	12	6	8	12	13	25	635
Patents By Year of Application:	442	24	17	21	25	21	25	1	5	7	18	19	10	0	0	635

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
--	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-------

SCIENTIFIC-ATLANTA, INC.

Patents By Year of Grant:	93	39	35	32	25	17	28	28	27	38	32	34	23	16	26	493
Patents By Year of Application:	172	32	26	29	27	42	28	37	39	34	17	7	3	0	0	493

GTE LABORATORIES, INC.

Patents By Year of Grant:	384	20	19	7	12	7	8	14	13	1	0	0	0	0	0	485
Patents By Year of Application:	424	15	7	13	6	11	9	0	0	0	0	0	0	0	0	485

OMRON CORPORATION

Patents By Year of Grant:	34	26	19	17	23	15	36	19	19	22	30	35	54	58	77	484
Patents By Year of Application:	92	17	18	25	32	26	15	26	26	55	48	67	27	7	3	484

DELCO ELECTRONICS CORPORATION

Patents By Year of Grant:	97	18	32	59	59	55	59	63	34	6	1	0	0	0	0	483
Patents By Year of Application:	139	43	80	60	62	55	33	11	0	0	0	0	0	0	0	483

KOKUSAI DENSHIN DENWA KABUSHIKI KAISHA

Patents By Year of Grant:	279	12	15	13	21	18	28	40	25	15	6	0	0	2	0	474
Patents By Year of Application:	297	18	20	29	31	45	29	2	3	0	0	0	0	0	0	474

FREESCALE SEMICONDUCTOR, INC.

Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	90	172	209	471
Patents By Year of Application:	0	0	0	0	0	1	0	7	41	60	131	138	63	28	2	471

MAXTOR CORPORATION

Patents By Year of Grant:	24	8	15	17	15	8	12	15	17	34	64	52	56	47	76	460
Patents By Year of Application:	42	24	14	15	15	8	24	92	56	72	41	29	20	7	1	460

INTERNATIONAL RECTIFIER CORPORATION

Patents By Year of Grant:	53	1	2	9	17	15	34	23	25	31	37	42	55	53	57	454
Patents By Year of Application:	55	6	16	21	21	36	32	28	32	46	50	68	33	10	0	454

ORACLE CORPORATION

Patents By Year of Grant:	0	0	0	3	8	7	58	85	77	67	85	50	5	1	7	453
Patents By Year of Application:	3	1	7	19	73	134	85	79	28	15	8	0	1	0	0	453

AVAYA TECHNOLOGY CORP.

Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	99	86	81	71	42	70	452
Patents By Year of Application:	0	0	0	1	6	16	88	145	95	25	42	22	11	1	0	452

E. I. DU PONT DE NEMOURS AND COMPANY

Patents By Year of Grant:	269	16	28	21	18	5	11	6	10	3	6	6	15	10	26	450
Patents By Year of Application:	313	21	15	14	6	5	11	9	6	9	11	14	13	3	0	450

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
OMRON TETEISI ELECTRONICS CO.																
Patents By Year of Grant:	422	16	5	2	1	0	0	0	0	0	0	0	0	0	0	446
Patents By Year of Application:	440	5	1	0	0	0	0	0	0	0	0	0	0	0	0	446
RAMBUS, INC.																
Patents By Year of Grant:	0	3	5	9	10	8	13	19	34	28	41	55	63	58	100	446
Patents By Year of Application:	9	6	11	11	11	29	30	38	63	64	49	59	39	27	0	446
VISTEON GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	11	75	52	64	95	84	63	445
Patents By Year of Application:	0	0	0	1	1	8	27	60	63	66	107	82	24	6	0	445
DAIMLER-CHRYSLER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	0	0	0	0	7	60	92	76	54	38	59	54	440
Patents By Year of Application:	0	0	1	2	7	22	51	106	78	55	59	39	18	2	0	440
SPRINT COMMUNICATIONS COMPANY L.P.																
Patents By Year of Grant:	0	1	1	1	5	2	14	13	22	29	42	54	83	69	104	440
Patents By Year of Application:	2	4	5	14	19	16	52	52	82	52	77	37	22	6	0	440
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	99	8	18	19	20	6	26	29	23	30	21	45	48	22	25	439
Patents By Year of Application:	124	12	24	15	19	35	24	30	26	46	47	18	12	7	0	439
FORD GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	16	63	60	58	91	112	36	1	1	0	438
Patents By Year of Application:	0	3	5	25	54	67	56	55	106	48	18	1	0	0	0	438
MACRONIX INTERNATIONAL CO., LTD.																
Patents By Year of Grant:	1	0	0	5	9	10	18	24	28	25	43	76	68	56	73	436
Patents By Year of Application:	1	6	5	12	19	23	24	36	14	70	98	59	54	15	0	436
BBC BROWN, BOVERI & COMPANY, LIMITED																
Patents By Year of Grant:	428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	428
Patents By Year of Application:	428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	428
INTERNATIONAL STANDARD ELECTRIC CORPORATION (ITT CORP. UNIT)																
Patents By Year of Grant:	428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	428
Patents By Year of Application:	428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	428
FRANCE TELECOM																
Patents By Year of Grant:	2	13	38	29	38	28	57	43	32	28	17	21	32	18	29	425
Patents By Year of Application:	45	39	35	44	53	50	36	21	49	22	19	10	2	0	0	425

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
CADENCE DESIGN SYSTEMS, INC.																
Patents By Year of Grant:	0	0	6	7	9	11	10	8	11	11	21	41	55	94	117	401
Patents By Year of Application:	9	4	15	6	14	8	17	19	59	53	148	41	8	0	0	401
AGERE SYSTEMS GUARDIAN CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	166	226	5	1	0	0	398
Patents By Year of Application:	0	1	0	2	0	20	97	172	91	14	1	0	0	0	0	398
ORACLE INTERNATIONAL CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	36	93	93	174	398
Patents By Year of Application:	0	0	0	0	0	4	2	31	78	119	107	44	12	1	0	398
VARIAN ASSOCIATES, INC.																
Patents By Year of Grant:	313	10	10	19	5	17	19	4	1	0	0	0	0	0	0	398
Patents By Year of Application:	332	11	11	12	26	6	0	0	0	0	0	0	0	0	0	398
WESTERN DIGITAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	12	36	56	80	112	101	397
Patents By Year of Application:	0	0	0	0	0	1	6	27	51	78	102	74	42	15	1	397
ADAPTEC, INC.																
Patents By Year of Grant:	1	0	0	2	6	21	32	45	56	46	42	22	37	34	48	392
Patents By Year of Application:	4	4	17	26	21	54	72	50	52	28	46	10	6	2	0	392
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	0	0	0	0	0	0	13	38	33	47	53	68	57	82	391
Patents By Year of Application:	0	3	0	3	3	26	39	45	47	75	64	57	20	9	0	391
CLARION CO., LTD.																
Patents By Year of Grant:	278	19	17	5	10	4	3	1	3	8	11	8	8	5	10	390
Patents By Year of Application:	311	9	8	5	2	3	8	6	12	14	5	3	2	2	0	390
INTEGRATED DEVICE TECHNOLOGY, INC.																
Patents By Year of Grant:	25	5	9	12	19	19	51	41	26	33	18	23	24	34	51	390
Patents By Year of Application:	44	8	14	33	41	51	28	25	21	36	28	34	18	8	1	390
LICENTIA PATENT-VERWALTUNGS-GMBH																
Patents By Year of Grant:	368	5	2	2	5	2	1	3	0	1	0	0	0	0	0	389
Patents By Year of Application:	377	1	5	2	3	1	0	0	0	0	0	0	0	0	0	389
PICKER INTERNATIONAL, INC.																
Patents By Year of Grant:	147	18	32	17	28	27	19	19	43	32	5	0	0	0	0	387
Patents By Year of Application:	188	26	27	24	21	31	49	20	0	1	0	0	0	0	0	387

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
--	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-------

SAMSUNG ELECTRO-MECHANICS CO., LTD.

Patents By Year of Grant:	7	5	0	6	3	9	29	17	12	23	24	56	51	57	88	387
Patents By Year of Application:	11	7	2	13	29	21	11	22	16	58	65	61	54	17	0	387

LEXMARK INTERNATIONAL, INC.

Patents By Year of Grant:	11	8	7	8	10	17	25	34	33	39	30	39	38	28	54	381
Patents By Year of Application:	23	11	12	13	31	39	18	37	55	48	25	30	36	3	0	381

MATSUSHITA ELECTRONICS CORPORATION

Patents By Year of Grant:	99	11	5	17	14	15	39	48	52	51	18	6	2	0	0	377
Patents By Year of Application:	115	14	16	18	43	43	74	32	15	5	1	1	0	0	0	377

QUANTUM CORP. (CA)

Patents By Year of Grant:	5	14	13	35	38	28	49	34	43	28	9	15	20	16	28	375
Patents By Year of Application:	39	22	40	39	45	44	39	24	17	24	20	12	10	0	0	375

RAYCHEM CORPORATION

Patents By Year of Grant:	248	14	17	15	10	19	31	15	3	0	0	0	0	0	0	372
Patents By Year of Application:	280	16	10	28	21	15	2	0	0	0	0	0	0	0	0	372

SIEMENS ENERGY & AUTOMATION, INC.

Patents By Year of Grant:	54	8	12	16	19	18	28	27	27	35	21	29	20	30	25	369
Patents By Year of Application:	74	16	26	17	30	18	33	38	32	26	22	20	11	6	0	369

MOBIL OIL CORP.

Patents By Year of Grant:	333	9	5	1	5	2	3	2	2	1	3	1	0	0	0	367
Patents By Year of Application:	345	3	2	8	2	0	3	4	0	0	0	0	0	0	0	367

HUBBELL INCORPORATED

Patents By Year of Grant:	52	19	16	30	9	21	20	25	32	26	37	21	22	16	20	366
Patents By Year of Application:	86	23	17	25	22	24	30	30	27	33	16	15	14	4	0	366

SILVERBROOK RESEARCH PTY. LTD

Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	10	15	26	67	70	165	356
Patents By Year of Application:	0	0	0	0	0	0	44	7	103	6	65	55	59	16	1	356

AMP INCORPORATED

Patents By Year of Grant:	343	7	0	0	0	0	0	0	0	0	0	0	0	0	0	350
Patents By Year of Application:	350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	350

FUNAI ELECTRIC CO., LTD.

Patents By Year of Grant:	4	5	5	7	7	10	10	13	20	30	29	28	46	50	86	350
Patents By Year of Application:	15	7	4	18	9	15	39	31	32	52	61	39	23	2	3	350

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															TOTAL
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
ADOBE SYSTEMS, INC.																
Patents By Year of Grant:	3	8	4	1	12	8	19	28	31	41	27	28	42	40	56	348
Patents By Year of Application:	16	8	7	14	32	53	53	47	46	32	22	14	4	0	0	348
SUMITOMO WIRING SYSTEMS, LTD.																
Patents By Year of Grant:	9	5	6	13	18	29	36	31	33	25	40	33	30	21	19	348
Patents By Year of Application:	18	13	34	27	26	36	23	32	33	27	29	27	15	8	0	348
LUCAS INDUSTRIES PUBLIC LTD. COMPANY																
Patents By Year of Grant:	253	4	6	9	6	10	12	10	7	10	7	5	5	2	0	346
Patents By Year of Application:	264	6	13	7	6	14	4	13	8	6	4	0	1	0	0	346
SANKYO SEIKI MFG. CO., LTD.																
Patents By Year of Grant:	66	14	12	16	17	26	24	18	16	21	19	34	29	24	9	345
Patents By Year of Application:	93	21	15	26	22	16	25	18	29	28	30	17	5	0	0	345
PENTAX CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	6	94	83	83	76	342
Patents By Year of Application:	0	0	0	0	0	2	11	34	51	86	71	49	29	8	1	342
NIPPON STEEL CORP.																
Patents By Year of Grant:	82	18	31	33	28	28	38	19	14	13	11	7	5	5	5	337
Patents By Year of Application:	131	23	34	37	36	26	17	8	6	3	10	5	0	1	0	337
ITT MANUFACTURING ENTERPRISES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	10	39	56	46	39	27	32	36	50	335
Patents By Year of Application:	4	0	2	1	4	60	56	36	47	46	32	27	13	7	0	335
NATIONAL INSTRUMENTS CORPORATION																
Patents By Year of Grant:	2	0	7	1	9	15	27	29	29	26	25	22	28	42	73	335
Patents By Year of Application:	8	6	6	23	20	42	32	32	48	57	40	17	2	2	0	335
KYOCERA CORPORATION																
Patents By Year of Grant:	48	7	4	8	5	14	18	13	30	26	32	38	27	29	31	330
Patents By Year of Application:	63	2	9	15	20	17	34	26	34	26	32	27	16	9	0	330
SANDIA CORPORATION																
Patents By Year of Grant:	4	1	8	7	14	21	25	26	26	33	42	43	31	21	28	330
Patents By Year of Application:	14	9	16	23	26	30	30	39	30	47	23	29	11	2	1	330
ELECTRIC POWER RESEARCH INSTITUTE, INC.																
Patents By Year of Grant:	197	12	24	20	14	17	12	9	1	4	4	3	4	5	3	329
Patents By Year of Application:	233	22	18	15	11	7	4	1	4	7	1	4	1	1	0	329

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															TOTAL
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
ROCKWELL COLLINS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	2	22	46	70	56	50	36	47	329
Patents By Year of Application:	0	0	1	0	0	9	28	78	86	48	29	32	16	2	0	329
TOKAI RIKI DENKI SEISAKUSHO K.K.																
Patents By Year of Grant:	122	9	6	8	13	16	16	10	11	20	11	23	22	15	25	327
Patents By Year of Application:	136	9	17	10	17	16	6	24	15	22	18	23	11	3	0	327
MCDONNELL DOUGLAS CORP.																
Patents By Year of Grant:	141	16	6	13	18	15	38	29	22	17	5	0	2	0	1	323
Patents By Year of Application:	169	6	18	17	36	36	30	7	1	3	0	0	0	0	0	323
GATEWAY 2000, INC.																
Patents By Year of Grant:	0	0	0	1	1	3	14	21	23	29	46	47	55	44	37	321
Patents By Year of Application:	0	0	1	11	27	28	60	77	41	28	28	10	10	0	0	321
OSRAM SYLVANIA INC.																
Patents By Year of Grant:	0	0	12	9	22	20	22	28	23	27	18	23	40	27	48	319
Patents By Year of Application:	9	9	18	26	27	22	26	36	12	28	37	24	31	14	0	319
SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM																
Patents By Year of Grant:	163	15	13	17	15	7	18	14	22	16	9	1	2	2	2	316
Patents By Year of Application:	198	18	12	13	15	16	24	11	3	3	1	2	0	0	0	316
ASEA BROWN BOVERI AB																
Patents By Year of Grant:	28	7	12	13	22	17	9	28	15	29	34	23	22	24	32	315
Patents By Year of Application:	45	14	17	21	9	28	38	31	29	39	24	15	4	1	0	315
FORD GLOBAL TECHNOLOGIES, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	47	100	81	87	315
Patents By Year of Application:	0	0	0	0	0	0	0	6	29	51	117	70	32	9	1	315
MICRON ELECTRONICS, INC.																
Patents By Year of Grant:	0	0	0	0	2	11	21	87	117	62	11	2	1	0	1	315
Patents By Year of Application:	0	2	2	8	33	178	67	19	2	3	0	1	0	0	0	315
GRUMMAN AEROSPACE CORPORATION																
Patents By Year of Grant:	242	21	14	20	9	6	2	0	0	0	0	0	0	0	0	314
Patents By Year of Application:	275	15	22	1	1	0	0	0	0	0	0	0	0	0	0	314
ATI INTERNATIONAL SRL																
Patents By Year of Grant:	0	0	0	0	0	0	0	6	11	44	72	70	59	30	20	312
Patents By Year of Application:	0	0	0	0	2	7	52	139	95	13	3	0	0	1	0	312

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
IOMEGA CORPORATION																
Patents By Year of Grant:	29	8	8	1	8	18	18	44	51	45	19	25	21	7	8	310
Patents By Year of Application:	42	4	7	18	21	67	46	39	30	25	1	8	2	0	0	310
SANDISK CORPORATION																
Patents By Year of Grant:	0	0	0	0	9	9	7	16	17	25	20	34	35	61	77	310
Patents By Year of Application:	1	3	4	14	6	15	24	19	25	40	54	45	43	17	0	310
SINGER COMPANY																
Patents By Year of Grant:	307	0	0	0	0	0	0	0	0	0	0	0	0	0	0	307
Patents By Year of Application:	307	0	0	0	0	0	0	0	0	0	0	0	0	0	0	307
DALLAS SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	93	24	14	7	29	24	30	26	27	17	7	1	2	2	2	305
Patents By Year of Application:	137	13	24	31	25	21	28	10	8	6	1	1	0	0	0	305
NOKIA NETWORKS OY																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	5	40	85	37	58	37	41	303
Patents By Year of Application:	0	0	0	0	0	0	7	68	139	85	3	0	1	0	0	303
DAIMLER-BENZ AKTIENGESELLSCHAFT																
Patents By Year of Grant:	118	14	16	20	20	30	40	30	8	6	0	0	0	0	0	302
Patents By Year of Application:	147	17	30	32	34	30	11	1	0	0	0	0	0	0	0	302
ADC TELECOMMUNICATIONS, INC.																
Patents By Year of Grant:	21	3	1	6	4	8	3	12	13	29	38	46	45	36	36	301
Patents By Year of Application:	27	6	7	5	11	15	25	38	39	65	37	13	6	7	0	301
TANDEM COMPUTERS INCORPORATED																
Patents By Year of Grant:	98	12	22	18	22	21	46	36	18	6	0	0	0	0	0	299
Patents By Year of Application:	137	16	21	55	26	31	11	2	0	0	0	0	0	0	0	299
AU OPTRONICS CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	7	28	54	75	134	298
Patents By Year of Application:	0	0	0	0	0	0	0	1	11	32	36	131	73	13	1	298
ANDO ELECTRIC CO., LTD.																
Patents By Year of Grant:	28	8	8	12	19	16	20	28	30	31	37	29	22	9	0	297
Patents By Year of Application:	43	9	9	22	24	29	52	25	40	30	12	2	0	0	0	297
DELTA ELECTRONICS INC.																
Patents By Year of Grant:	1	0	1	0	1	2	7	7	13	17	34	48	54	44	67	296
Patents By Year of Application:	1	1	0	3	4	7	9	20	22	61	48	71	44	5	0	296

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
GOULD INC.																
Patents By Year of Grant:	282	4	3	0	0	0	0	0	0	0	0	0	0	0	0	289
Patents By Year of Application:	286	3	0	0	0	0	0	0	0	0	0	0	0	0	0	289
USHIO DENKI KABUSHIKI KAISYA																
Patents By Year of Grant:	45	2	1	2	8	6	10	23	13	16	30	40	36	31	25	288
Patents By Year of Application:	48	1	7	13	13	14	18	22	36	30	38	29	18	1	0	288
FAIRCHILD SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	61	0	0	0	0	0	3	10	14	15	39	33	47	35	30	287
Patents By Year of Application:	61	1	0	1	4	7	19	29	30	37	43	37	16	2	0	287
METROLOGIC INSTRUMENTS INC.																
Patents By Year of Grant:	8	2	3	3	4	7	15	22	18	18	32	39	26	43	47	287
Patents By Year of Application:	13	2	6	5	17	43	7	36	29	31	71	19	7	1	0	287
SIEMENS INFORMATION AND COMMUNICATIONS NETWORKS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	58	40	48	49	32	57	2	0	286
Patents By Year of Application:	0	0	0	4	31	78	81	46	19	22	5	0	0	0	0	286
SHIMADZU CORPORATION																
Patents By Year of Grant:	42	13	11	11	12	12	12	13	13	15	26	33	12	22	38	285
Patents By Year of Application:	59	16	12	10	16	16	13	17	20	30	21	20	25	9	1	285
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	14	8	8	8	6	5	11	11	24	20	39	37	28	37	28	284
Patents By Year of Application:	30	8	9	6	11	12	21	29	37	39	38	30	13	1	0	284
BULL HN INFORMATION SYSTEMS INC.																
Patents By Year of Grant:	82	27	26	18	19	18	12	12	13	9	21	9	7	8	3	284
Patents By Year of Application:	151	16	16	12	11	15	18	18	13	6	5	3	0	0	0	284
WESTERN ATLAS INTERNATIONAL, INC.																
Patents By Year of Grant:	74	11	13	20	33	27	37	28	34	5	0	1	0	0	1	284
Patents By Year of Application:	96	17	17	39	35	43	31	4	0	1	1	0	0	0	0	284
MAZDA MOTOR CORPORATION																
Patents By Year of Grant:	89	26	25	23	14	17	16	14	10	13	5	7	7	6	11	283
Patents By Year of Application:	138	29	25	15	9	13	9	7	6	13	7	8	2	1	1	283
DISCOVISION ASSOCIATES																
Patents By Year of Grant:	95	2	3	5	17	23	37	26	26	18	10	4	6	4	6	282
Patents By Year of Application:	97	9	15	82	5	39	8	7	6	9	3	1	1	0	0	282

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
NOVELL, INC.																	
Patents By Year of Grant:		1	1	2	3	5	14	28	54	45	17	22	27	24	13	25	281
Patents By Year of Application:		6	4	7	19	47	70	26	34	28	21	16	1	2	0	0	281
NVIDIA CORPORATION																	
Patents By Year of Grant:		0	0	0	0	0	10	11	5	6	14	15	25	42	50	101	279
Patents By Year of Application:		0	0	0	16	2	8	16	23	31	45	57	57	21	3	0	279
GENERAL SIGNAL CORPORATION																	
Patents By Year of Grant:		215	5	5	11	3	5	19	6	2	3	3	1	0	0	0	278
Patents By Year of Application:		228	4	6	9	16	5	4	2	3	1	0	0	0	0	0	278
FUJJI JUKOGYO KABUSHIKI KAISHA																	
Patents By Year of Grant:		82	7	5	8	14	10	14	6	9	16	21	21	22	11	31	277
Patents By Year of Application:		92	8	16	12	11	9	11	18	28	20	18	20	11	3	0	277
CIENA CORPORATION																	
Patents By Year of Grant:		0	0	0	0	6	5	9	8	19	17	25	28	33	52	74	276
Patents By Year of Application:		0	1	2	7	10	15	30	22	73	68	24	17	7	0	0	276
JEOL LTD.																	
Patents By Year of Grant:		102	12	8	3	5	4	14	12	14	10	13	15	26	17	21	276
Patents By Year of Application:		119	5	5	4	11	17	15	10	18	16	23	8	19	6	0	276
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.																	
Patents By Year of Grant:		0	0	2	9	10	0	0	0	0	19	31	46	40	45	74	276
Patents By Year of Application:		1	7	11	2	1	6	14	53	37	64	43	26	11	0	0	276
DATA GENERAL CORP.																	
Patents By Year of Grant:		228	2	8	4	2	6	6	13	4	1	0	0	0	0	0	274
Patents By Year of Application:		239	4	2	6	13	6	3	1	0	0	0	0	0	0	0	274
DIGIMARC CORPORATION																	
Patents By Year of Grant:		0	0	0	0	0	1	11	2	7	16	27	50	51	34	75	274
Patents By Year of Application:		0	0	1	7	6	3	11	38	56	63	53	20	12	4	0	274
TERADYNE, INC.																	
Patents By Year of Grant:		47	2	4	0	10	11	10	10	12	16	29	28	37	27	30	273
Patents By Year of Application:		50	6	8	11	13	13	14	31	39	27	33	13	12	3	0	273
ALPINE ELECTRONICS INC.																	
Patents By Year of Grant:		47	9	3	4	8	8	13	15	11	14	21	19	34	34	31	271
Patents By Year of Application:		57	8	6	12	21	10	10	14	28	35	31	28	8	3	0	271

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
KABUSHIKI KAISHA DAINI SEIKOSHA																
Patents By Year of Grant:	257	0	0	0	0	0	0	0	0	0	0	0	0	0	0	257
Patents By Year of Application:	257	0	0	0	0	0	0	0	0	0	0	0	0	0	0	257
SIEMENS CORPORATE RESEARCH, INC.																
Patents By Year of Grant:	8	1	6	6	8	7	16	33	19	24	14	26	21	21	46	256
Patents By Year of Application:	17	3	12	10	26	39	20	32	21	35	26	10	1	4	0	256
TOSHIBA TEC KABUSHIKI KAISHA																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	9	56	82	62	14	9	23	255
Patents By Year of Application:	0	0	1	0	1	1	3	26	110	84	21	4	2	2	0	255
SEIKOSHA CO., LTD.																
Patents By Year of Grant:	194	18	17	15	7	1	1	0	0	0	0	0	0	0	0	253
Patents By Year of Application:	230	15	3	5	0	0	0	0	0	0	0	0	0	0	0	253
ALCATEL USA SOURCING, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	52	61	60	44	19	5	3	5	249
Patents By Year of Application:	0	0	0	0	34	104	52	32	20	2	2	2	0	1	0	249
ITT INDUSTRIES, INC.																
Patents By Year of Grant:	229	0	0	0	1	1	14	2	1	1	0	0	0	0	0	249
Patents By Year of Application:	229	0	0	1	16	3	0	0	0	0	0	0	0	0	0	249
PARADYNE CORPORATION																
Patents By Year of Grant:	56	0	0	0	0	15	33	21	28	21	10	15	15	13	22	249
Patents By Year of Application:	57	1	8	21	15	51	28	24	23	13	3	2	2	1	0	249
AISIN AW CO., LTD.																
Patents By Year of Grant:	29	7	4	7	9	8	26	31	29	18	8	19	14	15	24	248
Patents By Year of Application:	38	10	11	16	39	29	16	7	17	15	15	22	8	5	0	248
ANDREW CORPORATION																
Patents By Year of Grant:	46	1	5	1	5	3	8	8	10	6	14	31	39	29	41	247
Patents By Year of Application:	50	4	4	7	6	7	9	12	17	26	55	32	15	3	0	247
HITACHI METALS LTD.																
Patents By Year of Grant:	92	13	13	8	20	12	20	9	8	9	7	7	4	11	13	246
Patents By Year of Application:	112	17	12	13	18	21	3	10	8	11	8	6	6	1	0	246
ATI TECHNOLOGIES INC.																
Patents By Year of Grant:	0	0	2	6	1	6	15	17	39	37	21	11	28	26	36	245
Patents By Year of Application:	2	7	8	4	12	51	62	8	25	30	17	15	3	1	0	245

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															TOTAL
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
JOHANNES HEIDENHAIN GMBH																
Patents By Year of Grant:	90	2	4	2	2	6	8	9	9	12	16	21	16	18	30	245
Patents By Year of Application:	97	0	6	4	7	12	12	20	19	14	29	15	8	2	0	245
FINISAR CORPORATION																
Patents By Year of Grant:	3	2	0	1	1	1	0	1	1	1	5	17	38	75	97	243
Patents By Year of Application:	6	0	0	2	0	1	3	3	15	39	70	70	26	8	0	243
JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	139	8	7	14	6	9	13	7	5	3	8	16	6	1	1	243
Patents By Year of Application:	151	11	14	8	12	8	4	6	22	1	4	1	1	0	0	243
MAXIM INTEGRATED PRODUCTS, INC.																
Patents By Year of Grant:	22	0	0	2	9	14	19	22	22	31	31	20	12	16	23	243
Patents By Year of Application:	22	0	13	12	16	18	31	34	21	31	15	19	9	2	0	243
CSELT - CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A.																
Patents By Year of Grant:	181	4	4	4	10	7	10	5	6	9	1	0	0	0	0	241
Patents By Year of Application:	188	2	9	11	10	4	11	5	1	0	0	0	0	0	0	241
RCA LICENSING CORPORATION																
Patents By Year of Grant:	235	3	0	0	1	0	0	0	0	0	0	0	0	0	0	239
Patents By Year of Application:	238	0	0	1	0	0	0	0	0	0	0	0	0	0	0	239
HITACHI MAXELL, LTD.																
Patents By Year of Grant:	95	8	10	13	8	7	6	12	7	9	16	14	10	9	14	238
Patents By Year of Application:	115	6	14	10	7	9	10	15	17	11	13	8	1	2	0	238
ACTEL CORPORATION, INC.																
Patents By Year of Grant:	28	10	12	14	23	11	8	9	6	7	8	15	24	26	35	236
Patents By Year of Application:	48	16	18	18	12	7	6	4	20	4	30	20	22	10	1	236
HALLIBURTON ENERGY SERVICES, INC.																
Patents By Year of Grant:	0	0	0	2	0	2	8	11	14	25	21	32	42	35	44	236
Patents By Year of Application:	0	1	2	6	5	18	14	30	23	32	54	31	16	4	0	236
NEC LCD TECHNOLOGIES, LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	38	67	74	57	236
Patents By Year of Application:	0	0	0	0	0	0	0	6	39	60	58	37	27	9	0	236
NIPPON SOKEN, INC.																
Patents By Year of Grant:	190	0	3	2	1	3	7	3	3	4	1	5	2	6	6	236
Patents By Year of Application:	193	1	2	6	7	2	3	2	2	3	7	7	1	0	0	236

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL	
ROBERTSHAW CONTROLS COMPANY																	
Patents By Year of Grant:	168	12	11	12	8	6	3	1	3	0	0	5	1	2	4	236	
Patents By Year of Application:	186	11	13	7	4	0	3	1	1	4	3	1	0	2	0	236	
GENTEX CORPORATION																	
Patents By Year of Grant:	17	1	3	4	3	2	9	10	19	26	28	40	19	31	23	235	
Patents By Year of Application:	22	5	5	0	5	14	14	31	30	39	24	24	16	6	0	235	
GTE AUTOMATIC ELECTRIC LABORATORIES INCORPORATED																	
Patents By Year of Grant:	235	0	0	0	0	0	0	0	0	0	0	0	0	0	0	235	
Patents By Year of Application:	235	0	0	0	0	0	0	0	0	0	0	0	0	0	0	235	
JOHNS HOPKINS UNIVERSITY																	
Patents By Year of Grant:	59	8	2	4	6	8	6	9	6	9	10	12	31	26	39	235	
Patents By Year of Application:	72	6	3	5	11	9	8	13	10	12	35	33	18	0	0	235	
CARL ZEISS STIFTUNG																	
Patents By Year of Grant:	108	9	10	4	10	10	8	10	7	11	11	18	8	7	3	234	
Patents By Year of Application:	124	9	8	11	9	9	11	7	17	16	7	3	3	0	0	234	
ETA SA FABRIQUES D'EBAUCHES OF GRANGES																	
Patents By Year of Grant:	100	10	15	12	8	8	14	9	9	6	12	13	12	5	0	233	
Patents By Year of Application:	120	12	11	12	9	13	9	7	14	13	11	2	0	0	0	233	
SAMSUNG DISPLAY DEVICES CO., LTD.																	
Patents By Year of Grant:	0	0	1	6	17	28	44	33	31	45	20	6	1	1	0	233	
Patents By Year of Application:	1	7	14	38	41	34	44	47	4	3	0	0	0	0	0	233	
SUWA SEIKOSHA CO., LTD.																	
Patents By Year of Grant:	233	0	0	0	0	0	0	0	0	0	0	0	0	0	0	233	
Patents By Year of Application:	233	0	0	0	0	0	0	0	0	0	0	0	0	0	0	233	
ATT WIRELESS SERVICES INC																	
Patents By Year of Grant:	0	0	0	0	0	2	13	40	18	23	42	37	42	8	6	231	
Patents By Year of Application:	0	0	3	14	34	49	24	22	40	17	26	2	0	0	0	231	
SCHNEIDER ELECTRIC SA																	
Patents By Year of Grant:	0	0	0	0	18	13	27	43	26	22	22	23	15	13	9	231	
Patents By Year of Application:	0	0	15	19	20	41	31	25	16	28	17	14	3	2	0	231	
BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	4	47	31	48	49	51	230	
Patents By Year of Application:	15	0	0	0	0	0	1	4	29	41	61	48	21	9	1	230	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
MITEL CORPORATION																
Patents By Year of Grant:	76	5	3	12	16	20	8	21	11	12	10	16	14	2	4	230
Patents By Year of Application:	88	10	22	12	13	22	12	26	17	7	0	1	0	0	0	230
MURATA KIKAI KABUSHIKI KAISHA																
Patents By Year of Grant:	60	13	21	6	3	3	11	6	11	11	10	12	11	23	29	230
Patents By Year of Application:	90	10	4	4	8	13	16	16	14	24	13	11	6	1	0	230
LINEAR TECHNOLOGY CORPORATION																
Patents By Year of Grant:	31	7	6	9	9	7	14	9	28	15	19	27	13	19	16	229
Patents By Year of Application:	43	10	7	12	9	15	21	18	22	23	15	21	6	7	0	229
MARVELL INTERNATIONAL LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	5	21	17	27	51	107	228
Patents By Year of Application:	0	0	0	0	0	0	1	3	48	13	45	49	36	33	0	228
NTT DOCOMO, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	4	6	18	65	134	228
Patents By Year of Application:	0	0	0	0	1	1	2	9	26	76	61	32	14	6	0	228
READ-RITE CORPORATION																
Patents By Year of Grant:	2	4	8	10	4	9	29	28	26	42	50	15	0	1	0	228
Patents By Year of Application:	9	8	11	12	24	33	44	56	16	10	5	0	0	0	0	228
KOMATSU LTD.																
Patents By Year of Grant:	0	0	0	0	0	11	17	23	30	35	27	28	23	16	17	227
Patents By Year of Application:	0	1	0	7	17	32	41	34	47	12	22	10	2	2	0	227
PERKIN-ELMER CORPORATION																
Patents By Year of Grant:	198	4	5	3	3	3	2	3	4	2	0	0	0	0	0	227
Patents By Year of Application:	208	1	4	4	3	5	1	0	1	0	0	0	0	0	0	227
AMOCO CORPORATION																
Patents By Year of Grant:	177	21	11	0	6	2	6	3	0	0	0	0	0	0	0	226
Patents By Year of Application:	207	2	4	7	5	1	0	0	0	0	0	0	0	0	0	226
HITACHI MEDICAL CORPORATION																
Patents By Year of Grant:	60	4	10	10	13	12	8	16	12	11	18	16	10	10	16	226
Patents By Year of Application:	70	12	19	9	17	16	13	11	13	17	17	9	3	0	0	226
NIPPON SHEET GLASS CO., LTD.																
Patents By Year of Grant:	41	14	13	3	8	4	2	9	9	17	12	18	31	23	20	224
Patents By Year of Application:	65	6	4	8	3	8	9	17	16	35	22	21	9	1	0	224

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
--	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-------

NORAND CORPORATION

Patents By Year of Grant:	44	16	22	14	33	27	34	29	4	0	0	0	0	0	0	223
Patents By Year of Application:	81	17	34	50	25	16	0	0	0	0	0	0	0	0	0	223

ATMEL CORPORATION

Patents By Year of Grant:	16	4	1	6	8	8	20	19	21	12	8	11	30	21	37	222
Patents By Year of Application:	23	0	9	14	12	25	16	17	12	8	17	35	25	9	0	222

ELECTRONIC DATA SYSTEMS CORPORATION

Patents By Year of Grant:	4	1	1	5	4	8	53	48	18	13	21	7	12	11	16	222
Patents By Year of Application:	5	7	1	26	81	36	21	15	3	7	16	2	2	0	0	222

INSTITUT FRANCAIS DU PETROLE

Patents By Year of Grant:	84	8	5	2	6	5	16	8	13	10	7	15	11	15	17	222
Patents By Year of Application:	96	7	3	8	11	17	10	11	13	17	14	10	4	1	0	222

MICROCHIP TECHNOLOGY INCORPORATED

Patents By Year of Grant:	3	3	6	8	7	14	21	21	27	21	24	22	17	11	17	222
Patents By Year of Application:	11	7	9	14	21	31	28	12	25	47	2	4	8	3	0	222

HRL LABORATORIES, LLC

Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	12	31	45	40	41	51	221
Patents By Year of Application:	0	0	0	0	0	0	0	26	51	46	38	35	22	3	0	221

LEVITON MANUFACTURING CO. INC.

Patents By Year of Grant:	20	5	6	7	8	13	28	19	16	16	12	10	10	22	29	221
Patents By Year of Application:	32	4	6	16	16	29	20	19	9	18	12	14	18	8	0	221

QWEST COMMUNICATIONS INTERNATIONAL INC.

Patents By Year of Grant:	0	0	0	0	1	0	0	0	5	36	37	39	35	27	40	220
Patents By Year of Application:	1	2	0	2	6	12	45	64	31	35	12	8	2	0	0	220

STMICROELECTRONICS, LTD.

Patents By Year of Grant:	0	0	0	0	0	0	1	1	6	14	38	52	34	46	28	220
Patents By Year of Application:	0	0	0	2	1	2	6	65	43	45	38	15	3	0	0	220

ASAHI GLASS COMPANY, LTD.

Patents By Year of Grant:	53	12	4	5	9	10	13	11	16	16	12	21	15	9	12	218
Patents By Year of Application:	66	6	11	11	16	14	15	18	11	16	15	10	7	1	1	218

BATTELLE MEMORIAL INSTITUTE

Patents By Year of Grant:	72	4	4	7	2	3	5	4	7	7	10	19	23	24	27	218
Patents By Year of Application:	78	7	2	5	6	5	9	13	14	21	29	21	5	3	0	218

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL	
BAYERISCHE MOTOREN WERKE AG																	
Patents By Year of Grant:	51	1	1	1	7	4	13	10	10	18	19	19	25	14	17	210	
Patents By Year of Application:	53	1	8	5	13	13	11	21	26	28	13	5	6	5	2	210	
FUTABA DENSHI KOGYO KABUSHIKI KAISHA																	
Patents By Year of Grant:	88	6	3	10	9	15	30	10	16	10	5	2	5	0	1	210	
Patents By Year of Application:	97	13	17	12	22	18	13	7	4	6	0	1	0	0	0	210	
GEORGIA TECH RESEARCH CORP.																	
Patents By Year of Grant:	35	5	6	11	10	3	8	15	11	14	16	14	14	22	26	210	
Patents By Year of Application:	49	6	12	8	10	14	15	10	23	17	14	23	4	5	0	210	
EMHART INDUSTRIES, INC.																	
Patents By Year of Grant:	208	0	1	0	0	0	0	0	0	0	0	0	0	0	0	209	
Patents By Year of Application:	209	0	0	0	0	0	0	0	0	0	0	0	0	0	0	209	
INTERNATIONAL COMPUTERS LIMITED																	
Patents By Year of Grant:	123	7	6	10	11	7	16	8	2	4	10	5	0	0	0	209	
Patents By Year of Application:	138	10	6	14	16	9	5	8	3	0	0	0	0	0	0	209	
OKIDATA CORPORATION																	
Patents By Year of Grant:	1	0	0	0	0	5	11	27	32	14	16	21	19	28	35	209	
Patents By Year of Application:	1	0	0	2	15	22	30	30	19	16	21	36	15	2	0	209	
SOCIETE NATIONALE INDUSTRIELLE AEROSPATIALE																	
Patents By Year of Grant:	96	9	14	15	13	17	15	11	11	6	1	0	0	0	0	208	
Patents By Year of Application:	118	15	18	15	17	11	8	6	0	0	0	0	0	0	0	208	
FAIRCHILD CAMERA AND INSTRUMENT CORPORATION																	
Patents By Year of Grant:	207	0	0	0	0	0	0	0	0	0	0	0	0	0	0	207	
Patents By Year of Application:	207	0	0	0	0	0	0	0	0	0	0	0	0	0	0	207	
NITTO DENKO CORPORATION																	
Patents By Year of Grant:	7	3	2	4	5	2	4	6	11	15	17	26	36	31	38	207	
Patents By Year of Application:	11	3	4	5	7	6	10	21	30	34	46	13	16	1	0	207	
TEXACO INC.																	
Patents By Year of Grant:	172	5	4	7	6	5	2	1	1	1	0	1	0	0	0	205	
Patents By Year of Application:	179	7	9	6	2	0	1	0	1	0	0	0	0	0	0	205	
TOYODA GOSEI KABUSHIKI KAISHA																	
Patents By Year of Grant:	31	3	5	2	2	5	3	7	6	9	15	20	27	39	31	205	
Patents By Year of Application:	38	3	0	8	7	11	4	8	27	19	36	31	11	2	0	205	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2006) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	TOTAL
UNIVERSITY OF TEXAS																
Patents By Year of Grant:	53	9	10	13	10	5	15	10	7	10	12	9	13	13	14	203
Patents By Year of Application:	74	13	11	7	11	12	12	8	14	18	10	7	6	0	0	203
UNITED TECHNOLOGIES AUTOMOTIVE, INC.																
Patents By Year of Grant:	56	11	9	10	15	15	40	42	2	0	2	0	0	0	0	202
Patents By Year of Application:	73	14	12	27	30	37	9	0	0	0	0	0	0	0	0	202
COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	4	157	39	0	0	1	201
Patents By Year of Application:	1	0	0	2	3	14	54	57	36	31	3	0	0	0	0	201
TIMEX CORPORATION																
Patents By Year of Grant:	143	15	2	3	13	9	7	1	5	3	0	0	0	0	0	201
Patents By Year of Application:	156	5	9	10	12	2	3	4	0	0	0	0	0	0	0	201
E-SYSTEMS, INC.																
Patents By Year of Grant:	134	7	5	19	14	8	11	2	0	0	0	0	0	0	0	200
Patents By Year of Application:	153	13	5	21	3	4	1	0	0	0	0	0	0	0	0	200
WESTERN DIGITAL CORPORATION																
Patents By Year of Grant:	61	4	3	1	3	11	30	33	28	25	0	0	1	0	0	200
Patents By Year of Application:	68	3	3	10	21	47	34	11	2	1	0	0	0	0	0	200
Other Organizations (58168)																
Patents By Year of Grant:	82313	7287	7768	8150	9022	8817	12981	13164	14191	15757	17193	18434	20777	19614	26704	282172
Patents By Year of Application:	97268	8467	9872	11734	12891	15298	16342	19003	21117	22181	20715	15652	9053	2407	172	282172