

TECHNOLOGY ASSESSMENT AND FORECAST REPORT

ELECTRICAL CLASSES

1977 - December 2005



June 2006
U.S. PATENT AND TRADEMARK OFFICE
ELECTRONIC INFORMATION PRODUCTS DIVISION- PTMB
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A PATENT TECHNOLOGY MONITORING BRANCH 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 2005** 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 1992**" column, correspond to selected patents * in the data base which were granted during the period **1977 to 1991**.

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 **1999 to DECEMBER 2005** are incomplete.** This is because a significant number of the applications filed from **1999 to DECEMBER 2005**, which will ultimately become patents, were still pending in **DECEMBER 2005**. 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 1992**" column, correspond to patent grants in the report which were filed prior to **1992**.

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 **12/31/2005**, utility patent application data were approximately **97%** complete for patent applications filed in **1999**, **90%** complete for **2000** filings, **77%** complete for **2001** filings, **62%** complete for **2002** filings, and **34%** complete for **2003** filings. They were essentially complete for applications filed prior to **1999**.

CHEMICAL, ELECTRICAL, MECHANICAL CLASSES

DECEMBER 2005

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 2005
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

June, 2006

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USPTO, EIPD/PTMB

Part A1

Patent Grants as Distributed By Year of Patent Grant

----- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2005) -----

	NUMBER OF PATENTS															
	Pre 1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Total
Total	239146	24492	25264	28288	29862	34373	33959	50175	51403	53164	57138	60628	63784	69162	63436	884274
U.S. Origin	123453	11388	11957	13758	14753	17434	17294	25565	26656	27845	29731	30591	32121	34813	32046	449405
Foreign Origin	115693	13104	13307	14530	15109	16939	16665	24610	24747	25319	27407	30037	31663	34349	31390	434869
JAPAN	64520	8840	8980	9720	9894	10875	10469	14969	14530	14343	15117	16458	17198	18156	16182	250251
GERMANY	15777	1080	1021	1072	1096	1162	1174	1729	1806	2087	2453	2682	2947	3069	2857	42012
SOUTH KOREA	483	293	405	550	614	805	1001	1832	2036	1867	1947	1963	2107	2492	2536	20931
FRANCE	8060	701	688	698	735	783	714	959	985	1002	1030	1132	1076	1155	1041	20759
UNITED KINGDOM	7621	561	506	559	630	666	640	965	1015	1037	1158	1239	1219	1334	1302	20452
TAIWAN	664	196	225	246	332	411	502	884	963	1166	1329	1757	1890	2320	2234	15119
CANADA	3362	301	318	331	369	479	466	717	803	883	954	959	1014	1228	1081	13265
NETHERLANDS	3777	272	237	274	312	329	287	474	425	402	443	516	519	539	414	9220
SWEDEN	1587	99	104	150	165	237	213	301	424	501	568	607	525	461	430	6372
SWITZERLAND	2995	177	181	199	178	195	181	227	217	233	244	283	280	343	284	6217
ITALY	1857	142	168	163	135	229	222	327	275	352	407	414	405	377	348	5821
ISRAEL	501	70	86	113	142	174	200	301	290	334	404	448	557	545	529	4694
FINLAND	336	59	68	101	106	123	118	225	260	256	316	397	455	508	415	3743
AUSTRALIA	596	55	52	53	62	53	57	102	87	116	121	153	201	277	245	2230
BELGIUM	484	40	56	60	70	102	79	118	104	119	114	103	120	148	131	1848
AUSTRIA	518	41	38	41	43	37	45	48	65	90	89	93	139	147	137	1571
SINGAPORE	21	12	17	19	20	43	40	52	60	80	106	169	194	246	181	1260
CHINA,HONG KONG S.A.R	174	26	22	19	26	26	31	59	61	69	84	74	94	129	123	1017
DENMARK	309	18	13	15	17	20	21	26	59	53	62	72	100	101	86	972
U.S.S.R.	720	6	7	7	1	3	1		1	1						747
IRELAND	97	16	15	13	21	27	30	26	23	40	66	66	77	100	70	687
NORWAY	204	17	24	23	23	19	12	27	34	33	38	44	49	60	63	670
CHINA P.REP.	50	7	7	8	15	9	14	18	16	15	33	71	78	152	148	641
RUSSIAN FEDERATION			1	10	27	18	26	49	63	48	74	63	74	61	61	575
INDIA	11	4	2	5	7	9	10	10	9	16	35	46	87	118	162	531
SPAIN	98	13	17	15	8	20	27	35	18	37	35	43	40	59	61	526
SOUTH AFRICA	135	7	7	10	11	22	17	19	11	15	19	20	14	20	19	346
NEW ZEALAND	76	7	3	6	8	9	14	30	16	26	29	28	29	23	30	334
HUNGARY	143	7	4	4	3	2	4	10	8	5	13	8	31	9	16	267
MEXICO	50	3	5	3	2	2	4	4	8	10	11	14	19	26	26	187
BRAZIL	41	4	6	5	3	7	5	11	10	8	11	17	17	19	16	180
MALAYSIA	7	1	4	5	2	1	8	3	12	14	13	14	16	30	47	177
ARGENTINA	39	1	2	6	4	1	2	4	2	6	4	3	3	6		83
BULGARIA	66	1	2									1	1	1	2	74
CZECHOSLOVAKIA	54		1	3			4	2	1	1	3	1	1			72
POLAND	41	1			1	2		2	1	1	3	3	2	6	9	72
Others (82)	219	26	15	24	27	38	27	45	49	53	74	76	85	84	104	946
Ownership:																
U.S. Corporations	108842	10164	10880	12468	13504	16080	16090	24053	25014	25925	27860	28493	29880	32587	30238	412078
U.S. Government	5473	372	372	469	372	343	290	314	283	303	304	294	272	270	248	9979
U.S. Individuals	17492	1487	1374	1494	1681	1877	1853	2425	2402	2478	2373	2257	2252	2307	2051	45803
Foreign Corporations	98339	11737	11977	13232	13620	15340	14984	22308	22756	23467	25569	28430	30282	32931	29921	394893
Foreign Government	1509	128	111	86	80	73	71	68	38	26	18	35	27	21	24	2315
Foreign Individuals	7491	604	550	539	605	660	671	1007	910	965	1014	1119	1071	1046	954	19206

[illegible][illegible]

Part A2

Patent Grants as Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2005) ----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Total
Total	288823	28714	30250	37618	45312	51385	62029	62821	66072	67304	60132	48574	28605	6359	276	884274
U.S. Origin	146996	14102	15173	18717	23624	26612	32292	33422	35138	34834	29497	23293	12793	2820	92	449405
Foreign Origin	141827	14612	15077	18901	21688	24773	29737	29399	30934	32470	30635	25281	15812	3539	184	434869
JAPAN	82277	9710	9793	12343	13797	14853	17479	16230	16307	17410	16687	13071	8255	1895	144	250251
GERMANY	17775	1101	1054	1269	1515	1722	2101	2298	2810	3006	2861	2705	1468	319	8	42012
SOUTH KOREA	1255	510	569	847	1162	1991	2298	2460	2078	2189	2067	1855	1368	274	8	20931
FRANCE	9423	730	782	837	911	973	1120	1135	1291	1279	967	771	457	82	1	20759
UNITED KINGDOM	8766	553	642	766	885	996	1314	1286	1382	1344	1116	915	407	79	1	20452
TAIWAN	974	265	289	389	587	806	1010	1228	1580	1554	1993	2251	1761	419	13	15119
CANADA	3939	339	430	511	646	767	1054	1190	1169	1159	856	711	418	74	2	13265
NETHERLANDS	4245	292	311	382	405	494	509	463	479	504	550	375	167	44		9220
SWEDEN	1797	141	181	249	298	319	654	651	658	627	395	239	125	38		6372
SWITZERLAND	3325	204	185	215	224	219	252	250	325	321	293	234	124	45	1	6217
ITALY	2169	154	169	223	274	294	355	365	395	419	440	321	200	43		5821
ISRAEL	671	121	151	211	240	294	385	432	627	572	483	322	164	21		4694
FINLAND	454	102	110	122	164	316	357	329	496	534	415	205	105	34		3743
AUSTRALIA	708	61	69	54	78	113	103	199	186	241	157	164	78	19		2230
BELGIUM	575	61	69	96	103	135	120	153	151	129	105	89	54	8		1848
AUSTRIA	589	50	44	43	46	62	70	83	124	100	143	114	84	19		1571
SINGAPORE	42	24	27	47	47	55	85	114	130	188	218	171	83	27	2	1260
CHINA,HONG KONG S.A.R	218	25	22	33	41	49	73	63	81	98	110	112	78	14		1017
DENMARK	343	12	22	20	26	38	60	61	106	77	107	72	23	4	1	972
U.S.S.R.	734	4	4	2	1		1	1								747
IRELAND	124	18	15	40	27	28	39	64	67	94	70	69	24	8		687
NORWAY	247	25	22	15	21	21	39	42	54	62	43	48	28	3		670
CHINA P.REP.	64	8	11	15	13	13	22	24	39	95	109	117	84	25	2	641
RUSSIAN FEDERATION	1	6	21	30	33	47	60	65	73	98	68	35	33	5		575
INDIA	19	3	8	8	13	11	12	19	72	99	95	85	73	13	1	531
SPAIN	117	22	14	28	25	34	27	28	49	53	49	47	29	4		526
SOUTH AFRICA	148	11	17	19	22	16	19	12	18	23	19	12	9	1		346
NEW ZEALAND	89	6	3	16	17	28	21	27	26	33	31	24	9	4		334
HUNGARY	155	3	4	2	8	7	10	9	21	15	14	12	7			267
MEXICO	59	2	2	4	4	6	8	12	20	20	27	11	12			187
BRAZIL	51	6	2	12	5	9	8	10	15	15	18	16	11	2		180
MALAYSIA	12	3	4	2	8	2	18	8	18	18	21	26	31	6		177
ARGENTINA	42	4	5	3	2	4	2	5	6	1	5	4				83
BULGARIA	68	1							1	1	1		2			74
CZECHOSLOVAKIA	55	2	1	2	2	3	2	1	4							72
POLAND	42		1	2		2	1	3	4	3	5	8		1		72
Others (82)	255	33	24	44	38	46	49	79	72	89	97	70	41	9		946
Ownership:																
U.S. Corporations	130067	12794	13886	17246	22158	25129	30447	31285	32869	32432	27562	21758	11769	2592	84	412078
U.S. Government	6257	403	437	360	366	281	311	334	276	286	259	226	142	40	1	9979
U.S. Individuals	20226	1627	1663	2130	2317	2337	2617	2438	2599	2590	2081	1800	1120	248	10	45803
Foreign Corporations	121977	13218	13577	17084	19604	22646	27562	27775	29182	30818	29114	23860	14958	3340	178	394893
Foreign Government	1746	81	82	80	67	73	40	33	26	25	24	16	17	5		2315
Foreign Individuals	8550	591	605	718	800	919	1052	956	1120	1153	1092	914	599	134	3	19206

PERCENT OF PATENTED APPLICATIONS															
Pre 1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Total

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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, 2005) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	5155	625	823	1002	1112	1545	1406	2228	2200	2233	2646	2607	2802	2760	2528	31672
Patents By Year of Application:	6862	1185	1001	1492	2110	2282	2986	3065	3477	3046	2201	1256	583	121	5	31672
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	4433	697	600	714	706	987	914	1323	1173	1169	1110	1131	1153	1160	1216	18486
Patents By Year of Application:	5687	775	853	1307	1584	1350	1609	1155	1187	975	877	594	463	68	2	18486
HITACHI, LTD																
Patents By Year of Grant:	5804	639	618	704	659	724	649	835	771	764	885	1152	1331	1115	929	17579
Patents By Year of Application:	7402	658	646	711	837	749	817	732	947	1110	1319	1014	485	147	5	17579
TOSHIBA CORPORATION																
Patents By Year of Grant:	5553	733	749	733	742	692	659	895	922	943	859	859	949	1067	1044	17399
Patents By Year of Application:	7084	671	659	839	802	953	1033	1007	855	891	931	885	589	194	6	17399
NEC CORPORATION																
Patents By Year of Grant:	2911	408	509	754	859	869	871	1361	1483	1549	1481	1424	995	740	594	16808
Patents By Year of Application:	3812	736	664	1135	1025	1381	1880	1880	1683	1333	832	335	103	8	1	16808
SONY CORPORATION																
Patents By Year of Grant:	2675	354	443	506	582	678	647	1081	1145	1102	1120	1172	1069	1063	901	14538
Patents By Year of Application:	3461	547	600	730	917	1173	1656	1287	1328	1125	887	450	273	46	58	14538
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	3227	606	605	695	710	738	670	858	795	762	849	1028	953	597	473	13566
Patents By Year of Application:	4466	679	661	752	857	826	894	793	835	912	981	616	228	65	1	13566
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	2168	371	437	538	579	573	507	706	739	770	1000	1131	1276	1410	1257	13462
Patents By Year of Application:	3009	522	556	657	641	744	892	963	1139	1321	1282	944	636	151	5	13462
MOTOROLA, INC.																
Patents By Year of Grant:	3401	534	571	660	814	878	844	1171	980	992	636	552	491	491	415	13430
Patents By Year of Application:	4439	672	781	989	1141	1141	1125	845	572	756	416	381	154	17	1	13430
FUJITSU LIMITED																
Patents By Year of Grant:	1885	316	343	469	586	723	757	1016	1008	940	998	1018	1120	1103	1000	13282
Patents By Year of Application:	2611	490	532	845	1020	1115	1215	1233	1033	1068	979	672	390	67	12	13282
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	183	187	239	327	323	366	424	929	1119	989	1049	936	918	1141	1170	10300
Patents By Year of Application:	674	304	322	370	478	1143	1180	1342	1070	922	885	801	675	131	3	10300

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	5243	401	357	317	418	396	396	589	575	577	578	215	3	2	0	10067
Patents By Year of Application:	5951	357	380	477	565	613	630	580	372	128	14	0	0	0	0	10067
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	4421	260	210	212	247	267	282	397	435	558	493	463	440	514	499	9698
Patents By Year of Application:	4846	229	218	293	324	407	523	580	633	537	462	366	220	59	1	9698
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	4710	304	277	312	267	280	234	280	279	286	453	514	392	405	369	9362
Patents By Year of Application:	5219	322	272	301	284	297	297	369	538	556	389	283	200	34	1	9362
INTEL CORPORATION																
Patents By Year of Grant:	262	50	98	183	251	393	371	658	658	692	713	942	1379	1357	1276	9283
Patents By Year of Application:	403	179	290	424	573	758	917	971	1164	1242	1050	808	436	67	1	9283
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	2105	240	225	317	334	425	423	473	446	481	578	554	601	667	577	8446
Patents By Year of Application:	2612	280	387	497	577	421	570	511	606	585	578	466	289	67	0	8446
AT&T CORP.																
Patents By Year of Grant:	4053	283	282	446	484	425	44	145	271	286	280	278	203	211	196	7887
Patents By Year of Application:	4620	403	517	365	187	214	482	330	275	222	179	57	33	3	0	7887
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	1869	295	277	352	299	287	300	444	385	436	398	388	376	418	381	6905
Patents By Year of Application:	2471	333	315	326	374	444	454	479	362	465	383	282	187	30	0	6905
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	44	45	66	55	24	81	157	334	523	654	821	930	933	1003	927	6597
Patents By Year of Application:	130	73	34	47	199	329	675	817	810	898	945	899	503	235	3	6597
XEROX CORPORATION																
Patents By Year of Grant:	1974	210	285	312	302	403	333	451	375	276	360	335	350	285	266	6517
Patents By Year of Application:	2449	286	361	392	419	395	345	543	503	354	204	152	100	14	0	6517
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	1832	343	365	356	309	358	358	464	410	331	260	216	228	302	302	6434
Patents By Year of Application:	2435	423	288	355	349	516	480	457	245	338	199	195	126	28	0	6434
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	0	0	0	0	0	235	595	767	864	1027	819	573	545	488	367	6280
Patents By Year of Application:	7	8	54	334	717	782	1030	1304	1034	600	221	115	61	13	0	6280

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----- Ranked List of Organizations with 200 or More Patents -----

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---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2005) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	524	70	65	73	61	81	92	162	147	139	180	216	225	257	233	2525
Patents By Year of Application:	655	52	78	108	105	169	166	211	207	243	225	174	110	20	2	2525
PIONEER ELECTRONIC CORPORATION																
Patents By Year of Grant:	1057	210	178	141	127	87	94	120	126	118	110	63	33	26	11	2501
Patents By Year of Application:	1413	155	123	106	100	129	156	145	130	15	15	11	3	0	0	2501
OKI ELECTRIC INDUSTRY CO., LTD.																
Patents By Year of Grant:	355	72	81	85	65	71	54	105	165	187	235	246	214	204	233	2372
Patents By Year of Application:	504	69	68	80	91	92	219	247	204	245	191	190	138	33	1	2372
LSI LOGIC CORPORATION																
Patents By Year of Grant:	26	16	26	19	46	85	116	175	262	239	234	235	294	309	279	2361
Patents By Year of Application:	60	37	57	70	171	246	298	310	174	206	362	249	113	8	0	2361
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	765	45	29	26	27	22	47	61	108	127	181	155	189	194	170	2146
Patents By Year of Application:	828	29	23	32	48	72	135	121	177	207	206	132	103	32	1	2146
INFINEON TECHNOLOGIES AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	26	161	319	452	556	571	2085
Patents By Year of Application:	0	0	0	0	0	4	7	56	110	314	565	582	368	77	2	2085
THOMSON-CSF																
Patents By Year of Grant:	1460	84	64	62	71	41	41	54	55	40	42	38	19	10	1	2082
Patents By Year of Application:	1610	67	56	60	58	45	48	49	37	35	17	0	0	0	0	2082
DIGITAL EQUIPMENT CORPORATION																
Patents By Year of Grant:	495	185	230	245	171	157	129	157	120	91	15	0	0	0	0	1995
Patents By Year of Application:	944	238	183	160	145	144	129	47	5	0	0	0	0	0	0	1995
HONEYWELL INC.																
Patents By Year of Grant:	1121	87	83	97	110	79	69	80	70	53	32	20	17	11	4	1933
Patents By Year of Application:	1287	95	110	84	75	98	82	53	36	8	3	2	0	0	0	1933
NCR CORPORATION																
Patents By Year of Grant:	628	59	77	71	40	30	62	129	154	105	108	134	135	112	76	1920
Patents By Year of Application:	792	71	48	38	99	140	180	135	145	137	77	45	11	2	0	1920
FUJI XEROX CO., LTD.																
Patents By Year of Grant:	312	75	97	99	90	116	93	192	150	106	94	109	114	122	120	1889
Patents By Year of Application:	493	102	89	95	157	191	162	119	127	129	87	61	72	5	0	1889

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
LG ELECTRONICS INC.																
Patents By Year of Grant:	0	0	0	0	0	15	65	146	163	168	185	233	290	313	308	1886
Patents By Year of Application:	0	1	1	0	116	148	238	238	240	318	301	164	94	27	0	1886
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	1126	52	49	73	81	68	58	59	47	56	52	40	29	32	31	1853
Patents By Year of Application:	1208	63	80	81	83	58	46	55	60	44	21	29	18	7	0	1853
RAYTHEON COMPANY																
Patents By Year of Grant:	691	64	56	40	33	7	15	72	150	125	130	99	121	138	96	1837
Patents By Year of Application:	847	31	47	21	33	98	159	94	87	105	118	123	59	15	0	1837
VICTOR COMPANY OF JAPAN, LIMITED																
Patents By Year of Grant:	969	72	68	52	42	47	53	70	73	73	54	54	59	78	69	1833
Patents By Year of Application:	1097	59	42	53	60	85	84	83	59	61	80	29	32	9	0	1833
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	539	115	122	132	89	87	89	157	152	115	99	115	3	4	0	1818
Patents By Year of Application:	768	116	98	102	109	127	184	119	102	72	21	0	0	0	0	1818
COMPAQ COMPUTER CORPORATION, INC.																
Patents By Year of Grant:	44	52	43	55	76	82	116	236	242	300	345	154	23	0	0	1768
Patents By Year of Application:	158	62	76	93	145	317	359	381	120	47	9	1	0	0	0	1768
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	271	43	51	55	62	69	90	113	120	125	146	147	120	156	165	1733
Patents By Year of Application:	359	64	70	71	109	82	122	149	119	190	119	150	99	29	1	1733
ERICSSON, INC.																
Patents By Year of Grant:	1	0	0	0	4	29	66	199	275	300	256	247	179	109	59	1724
Patents By Year of Application:	3	3	9	38	95	325	354	360	299	150	68	16	3	1	0	1724
CISCO TECHNOLOGY, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	19	42	103	157	214	327	423	437	1722
Patents By Year of Application:	0	0	0	1	14	36	115	267	463	426	192	119	77	12	0	1722
AGILENT TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	74	215	222	278	493	413	1695
Patents By Year of Application:	0	0	0	1	5	4	21	179	228	260	298	394	261	43	1	1695
ROCKWELL INTERNATIONAL CORPORATION																
Patents By Year of Grant:	1135	52	72	79	66	75	47	69	63	11	6	0	1	0	0	1676
Patents By Year of Application:	1263	76	77	71	84	54	40	7	3	0	1	0	0	0	0	1676

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ----- Ranked List of Organizations with 200 or More Patents -----

	Pre 1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
HARRIS CORP.																
Patents By Year of Grant:	583	45	46	56	56	77	84	100	102	58	82	74	67	83	118	1631
Patents By Year of Application:	678	66	42	93	89	106	81	85	70	80	69	85	75	12	0	1631
YAMAHA CORPORATION																
Patents By Year of Grant:	215	84	122	88	103	110	103	144	138	74	75	89	75	83	109	1612
Patents By Year of Application:	429	96	104	98	122	128	140	96	88	101	80	71	51	8	0	1612
EATON CORPORATION																
Patents By Year of Grant:	539	36	41	63	76	89	72	99	117	97	86	88	69	70	65	1607
Patents By Year of Application:	616	45	84	93	74	88	99	103	100	102	68	67	53	13	2	1607
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	710	83	54	45	42	29	34	45	50	71	77	87	70	83	91	1571
Patents By Year of Application:	859	49	27	33	47	36	54	70	55	77	91	97	64	12	0	1571
APPLE COMPUTER, INC.																
Patents By Year of Grant:	64	28	45	50	101	165	197	247	165	83	94	72	74	90	82	1557
Patents By Year of Application:	142	82	138	182	308	212	124	83	75	51	66	64	24	5	1	1557
NORTHERN TELECOM LIMITED																
Patents By Year of Grant:	672	51	52	63	69	90	56	184	213	67	19	11	2	1	0	1550
Patents By Year of Application:	767	44	91	81	96	229	191	48	3	0	0	0	0	0	0	1550
DENSO CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	41	130	152	188	225	232	297	263	1528
Patents By Year of Application:	0	0	0	1	1	48	130	166	206	206	267	253	195	52	3	1528
TEKTRONIX INC.																
Patents By Year of Grant:	885	50	50	31	48	42	35	41	54	43	51	50	48	52	43	1523
Patents By Year of Application:	975	48	37	44	51	36	65	76	29	58	48	33	17	6	0	1523
QUALCOMM, INC.																
Patents By Year of Grant:	12	9	8	8	21	48	45	82	105	98	171	195	178	280	200	1460
Patents By Year of Application:	29	8	22	55	76	123	126	172	271	177	208	139	48	6	0	1460
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	728	48	64	44	41	57	42	42	42	39	53	45	53	71	87	1456
Patents By Year of Application:	824	56	42	56	56	42	30	35	37	67	67	64	70	10	0	1456
NOKIA MOBILE PHONES LTD.																
Patents By Year of Grant:	5	15	26	42	42	40	42	103	148	160	177	192	191	160	103	1446
Patents By Year of Application:	44	52	41	42	71	160	234	210	214	236	123	12	5	2	0	1446

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
UNITED STATES OF AMERICA, AIR FORCE																
Patents By Year of Grant:	891	53	65	64	38	49	45	36	36	28	49	27	23	19	19	1442
Patents By Year of Application:	1000	63	55	46	51	38	38	34	35	24	29	13	11	5	0	1442
KONICA CORPORATION																
Patents By Year of Grant:	519	78	68	85	57	67	50	55	58	59	50	69	51	75	50	1391
Patents By Year of Application:	645	75	74	53	75	55	58	80	65	59	64	49	37	2	0	1391
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																
Patents By Year of Grant:	97	29	28	31	20	51	49	59	92	90	120	142	167	207	197	1379
Patents By Year of Application:	156	41	27	61	75	80	133	106	150	148	149	162	72	19	0	1379
HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.																
Patents By Year of Grant:	6	8	12	21	24	65	84	120	148	197	323	187	93	72	14	1374
Patents By Year of Application:	30	19	23	54	89	133	187	241	280	228	65	20	4	1	0	1374
BOEING COMPANY																
Patents By Year of Grant:	523	44	35	27	28	35	31	43	32	32	50	64	97	153	155	1349
Patents By Year of Application:	621	19	27	29	64	32	26	35	44	66	140	138	89	19	0	1349
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	376	95	77	60	37	56	66	79	97	75	81	52	49	65	55	1320
Patents By Year of Application:	543	51	48	62	76	94	115	115	65	45	31	32	34	7	2	1320
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	41	197	251	290	323	210	1312
Patents By Year of Application:	0	0	2	4	13	10	24	137	244	281	339	183	69	6	0	1312
TRW INC.																
Patents By Year of Grant:	374	16	32	54	54	43	41	68	112	132	159	128	64	22	9	1308
Patents By Year of Application:	430	60	50	40	57	87	109	135	166	104	59	11	0	0	0	1308
FANUC LTD.																
Patents By Year of Grant:	616	105	84	63	62	52	37	56	39	35	43	27	20	23	42	1304
Patents By Year of Application:	803	58	49	71	66	26	54	49	42	12	17	23	21	12	1	1304
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
Patents By Year of Grant:	868	81	57	83	41	22	17	17	15	13	13	9	13	11	7	1267
Patents By Year of Application:	1005	58	65	31	17	15	10	20	10	13	8	9	5	1	0	1267
CASIO COMPUTER CO. LTD.																
Patents By Year of Grant:	501	72	58	54	51	76	47	64	69	71	57	48	32	33	25	1258
Patents By Year of Application:	630	62	57	75	68	64	86	77	44	46	23	15	10	1	0	1258

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
ROHM COMPANY LIMITED																
Patents By Year of Grant:	20	8	39	127	119	68	74	86	77	88	98	111	105	112	102	1234
Patents By Year of Application:	50	140	96	101	81	85	91	97	103	126	103	86	59	15	1	1234
ALCATEL																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	34	165	223	197	191	241	168	1219
Patents By Year of Application:	0	0	0	0	1	5	92	279	330	240	142	87	34	9	0	1219
RENESAS TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	11	706	481	1198
Patents By Year of Application:	0	0	0	0	0	2	1	8	21	68	164	462	383	83	6	1198
XILINX, INC.																
Patents By Year of Grant:	18	4	2	22	20	55	60	76	92	114	122	139	130	128	168	1150
Patents By Year of Application:	29	10	21	37	82	76	109	108	111	174	118	141	105	28	1	1150
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	148	20	32	50	53	83	48	89	73	71	62	82	92	107	116	1126
Patents By Year of Application:	208	39	53	75	104	86	63	83	83	85	108	82	54	3	0	1126
3COM CORPORATION																
Patents By Year of Grant:	4	0	2	7	14	19	22	34	80	129	194	157	189	181	87	1119
Patents By Year of Application:	7	14	9	18	36	39	144	247	293	205	72	20	13	2	0	1119
NIPPONDENSO CO., LTD.																
Patents By Year of Grant:	450	26	41	54	56	120	131	165	43	14	6	2	1	0	0	1109
Patents By Year of Application:	515	55	67	109	161	172	22	4	2	1	1	0	0	0	0	1109
PITNEY-BOWES, INC.																
Patents By Year of Grant:	467	37	27	36	31	27	42	70	47	51	45	46	46	57	66	1095
Patents By Year of Application:	542	31	39	50	62	57	63	56	77	48	26	30	12	2	0	1095
SUMITOMO ELECTRIC INDUSTRIES CO., LTD.																
Patents By Year of Grant:	224	68	70	74	90	68	45	47	39	47	35	64	63	73	82	1089
Patents By Year of Application:	344	91	71	97	52	47	41	40	37	61	70	67	60	9	2	1089
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	296	25	30	16	24	41	38	77	105	82	82	72	57	61	68	1074
Patents By Year of Application:	348	18	28	42	46	78	109	89	68	71	72	47	48	10	0	1074
ZENITH ELECTRONICS CORPORATION																
Patents By Year of Grant:	744	44	39	27	26	30	30	25	21	21	16	8	16	14	10	1071
Patents By Year of Application:	820	43	22	27	30	35	26	18	20	12	10	3	5	0	0	1071

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ----- Ranked List of Organizations with 200 or More Patents -----

	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
DELL PRODUCTS, L.P.																
Patents By Year of Grant:	0	1	6	17	52	79	80	94	80	80	118	96	121	116	119	1059
Patents By Year of Application:	22	2	58	69	114	76	104	85	183	113	112	63	50	7	1	1059
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																
Patents By Year of Grant:	39	16	40	43	64	50	55	119	101	98	79	95	86	94	74	1053
Patents By Year of Application:	90	52	53	56	81	96	111	101	111	94	80	66	51	11	0	1053
GTE PRODUCTS CORPORATION																
Patents By Year of Grant:	931	42	38	22	4	1	0	3	0	2	0	0	0	0	0	1043
Patents By Year of Application:	1002	37	4	0	0	0	0	0	0	0	0	0	0	0	0	1043
TDK CORPORATION																
Patents By Year of Grant:	155	21	20	24	24	24	22	33	50	76	117	132	125	112	97	1032
Patents By Year of Application:	193	19	26	33	27	26	57	101	135	132	142	60	54	24	3	1032
NIPPON TELEGRAPH & TELEPHONE CORP.																
Patents By Year of Grant:	375	37	35	28	39	45	50	67	49	49	66	43	49	54	43	1029
Patents By Year of Application:	439	35	31	57	61	68	77	67	60	60	29	29	15	1	0	1029
CYPRESS SEMICONDUCTOR CORP.																
Patents By Year of Grant:	20	3	3	5	16	16	45	94	106	100	92	108	158	140	116	1022
Patents By Year of Application:	25	6	12	24	65	99	133	86	111	162	183	97	15	4	0	1022
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	0	0	0	0	0	0	0	3	52	125	178	211	175	134	143	1021
Patents By Year of Application:	0	1	0	0	7	16	39	135	176	211	205	129	89	13	0	1021
BROADCOM CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	2	2	0	6	42	74	166	296	408	996
Patents By Year of Application:	0	0	0	2	3	0	7	13	86	153	188	280	171	92	1	996
ANALOG DEVICES, INC.																
Patents By Year of Grant:	121	27	16	33	53	59	65	65	55	50	60	57	105	108	113	987
Patents By Year of Application:	158	29	39	66	92	69	49	59	64	65	88	129	54	25	1	987
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	256	54	42	41	47	50	44	60	54	42	50	63	65	53	51	972
Patents By Year of Application:	364	36	46	58	58	51	54	68	57	61	51	41	23	4	0	972
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	332	21	31	35	34	36	25	25	33	60	48	53	77	77	77	964
Patents By Year of Application:	382	33	33	40	30	28	51	55	55	66	56	84	47	4	0	964

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ----- Ranked List of Organizations with 200 or More Patents -----

	Pre 1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
FORD MOTOR COMPANY																
Patents By Year of Grant:	290	44	60	72	76	92	78	65	47	28	12	8	26	36	25	959
Patents By Year of Application:	382	77	79	97	87	48	51	25	14	56	8	22	13	0	0	959
MINNESOTA MINING AND MANUFACTURING COMPANY																
Patents By Year of Grant:	492	42	57	78	74	60	45	66	23	11	2	6	2	0	0	958
Patents By Year of Application:	585	65	68	68	77	47	37	5	2	3	1	0	0	0	0	958
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION																
Patents By Year of Grant:	429	43	47	65	43	40	34	35	18	24	31	27	29	40	36	941
Patents By Year of Application:	513	46	71	42	36	27	24	38	24	35	31	32	19	3	0	941
YAZAKI CORP.																
Patents By Year of Grant:	73	24	25	27	28	41	42	74	70	68	97	105	115	87	63	939
Patents By Year of Application:	124	18	35	46	35	77	77	77	80	127	93	89	47	14	0	939
NOKIA CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	5	41	201	348	320	915
Patents By Year of Application:	0	0	0	0	0	0	2	15	134	185	252	225	79	23	0	915
POLAROID CORPORATION																
Patents By Year of Grant:	682	19	16	11	17	19	17	31	30	23	12	5	12	9	3	906
Patents By Year of Application:	715	8	14	29	27	24	29	21	12	12	10	3	2	0	0	906
SEIKO INSTRUMENTS INC.																
Patents By Year of Grant:	89	41	24	30	36	37	32	39	41	69	102	107	112	101	44	904
Patents By Year of Application:	156	27	49	53	34	42	42	78	96	112	99	70	42	4	0	904
FUJII ELECTRIC CO., LTD.																
Patents By Year of Grant:	249	37	39	49	54	71	51	45	57	38	31	44	46	48	27	886
Patents By Year of Application:	322	46	56	72	66	38	55	29	32	47	55	41	24	3	0	886
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	31	112	132	148	262	198	883
Patents By Year of Application:	2	0	0	2	2	5	20	67	99	175	182	214	95	20	0	883
CIRRUS LOGIC, INC.																
Patents By Year of Grant:	4	4	2	13	32	63	84	127	108	100	81	84	83	44	45	874
Patents By Year of Application:	11	14	40	60	148	120	138	94	75	64	51	34	16	8	1	874
BRITISH TELECOMMUNICATION, PLC																
Patents By Year of Grant:	193	36	21	33	49	41	34	67	76	66	86	54	42	30	31	859
Patents By Year of Application:	255	34	51	65	42	86	75	170	17	32	21	9	2	0	0	859

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	0	1	1	0	3	12	22	54	70	57	86	113	124	126	180	849
Patents By Year of Application:	2	0	0	5	19	49	81	63	91	92	118	161	133	35	0	849
COMMISSARIAT A L'ENERGIE ATOMIQUE																
Patents By Year of Grant:	367	37	22	30	25	28	39	41	31	24	42	41	28	47	42	844
Patents By Year of Application:	426	26	20	38	41	42	31	35	49	41	37	30	23	5	0	844
CITIZEN WATCH CO., LTD.																
Patents By Year of Grant:	457	10	7	9	7	18	19	24	43	45	45	33	41	45	21	824
Patents By Year of Application:	474	6	11	19	25	23	48	52	56	43	32	20	13	2	0	824
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	547	53	37	30	41	23	19	6	12	9	7	13	6	8	13	824
Patents By Year of Application:	630	37	33	43	8	11	11	16	9	6	8	6	5	1	0	824
LG. PHILIPS LCD CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	7	44	106	165	237	264	823
Patents By Year of Application:	0	0	0	0	0	3	8	39	68	174	216	182	114	19	0	823
NORTHROP GRUMMAN CORPORATION																
Patents By Year of Grant:	0	0	0	7	23	64	50	109	80	59	38	47	104	129	105	815
Patents By Year of Application:	18	5	19	44	92	75	94	76	53	98	94	67	75	5	0	815
SEAGATE TECHNOLOGY, INCORPORATED																
Patents By Year of Grant:	78	38	53	44	32	48	76	117	126	162	23	6	5	1	1	810
Patents By Year of Application:	162	37	41	69	92	96	175	109	24	2	2	0	1	0	0	810
EMC CORPORATION																
Patents By Year of Grant:	2	1	4	2	5	23	21	57	65	74	83	90	129	122	126	804
Patents By Year of Application:	9	2	5	29	52	68	94	93	114	138	115	61	18	6	0	804
VLSI TECHNOLOGY, INC.																
Patents By Year of Grant:	37	38	50	59	69	83	73	115	106	89	61	16	0	0	0	796
Patents By Year of Application:	146	61	52	78	95	124	121	73	40	5	1	0	0	0	0	796
ALTERA CORPORATION																
Patents By Year of Grant:	16	9	14	17	12	37	28	48	65	95	111	84	62	83	109	790
Patents By Year of Application:	32	14	24	24	47	54	100	84	82	73	75	94	68	18	1	790
SGS-THOMSON MICROELECTRONICS S.R.L.																
Patents By Year of Grant:	85	41	41	40	38	96	102	157	91	58	24	11	4	1	1	790
Patents By Year of Application:	167	40	49	95	119	122	141	44	5	5	2	1	0	0	0	790

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
MITA INDUSTRIAL COMPANY LTD.																
Patents By Year of Grant:	262	44	55	52	54	67	56	125	54	17	1	0	0	0	0	787
Patents By Year of Application:	344	63	59	55	73	79	83	23	8	0	0	0	0	0	0	787
LOCKHEED MARTIN CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	10	31	58	75	95	84	98	101	113	119	784
Patents By Year of Application:	27	0	5	10	42	60	65	90	110	86	117	97	67	8	0	784
ITT CORPORATION																
Patents By Year of Grant:	607	24	24	34	29	22	12	7	5	2	0	0	0	0	0	766
Patents By Year of Application:	654	29	29	20	25	6	2	1	0	0	0	0	0	0	0	766
DAEWOO ELECTRONICS COMPANY, LTD.																
Patents By Year of Grant:	2	2	0	12	41	89	126	173	164	79	44	11	1	3	11	758
Patents By Year of Application:	4	5	36	108	150	154	164	107	12	4	0	5	6	3	0	758
PIONEER CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	38	114	183	222	196	756
Patents By Year of Application:	0	0	0	0	0	0	0	4	102	193	204	191	59	3	0	756
THOMSON LICENSING S.A.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	42	86	130	169	174	138	739
Patents By Year of Application:	0	0	0	0	6	13	31	99	168	163	122	97	37	3	0	739
KOITO MANUFACTURING COMPANY LIMITED																
Patents By Year of Grant:	106	32	18	19	36	41	33	38	39	52	55	74	84	58	49	734
Patents By Year of Application:	150	15	35	44	41	47	36	57	45	71	70	72	49	1	1	734
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	369	45	37	59	41	29	13	22	22	42	30	13	6	3	0	731
Patents By Year of Application:	451	45	53	32	16	20	35	30	42	4	0	3	0	0	0	731
DELPHI TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	18	87	171	170	156	127	731
Patents By Year of Application:	0	0	0	0	0	2	2	16	98	181	175	151	90	16	0	731
SQUARE D COMPANY																
Patents By Year of Grant:	281	47	34	29	42	30	31	42	43	16	39	26	28	21	7	716
Patents By Year of Application:	362	36	31	40	39	36	34	38	37	24	27	10	2	0	0	716
PHILIPS ELECTRONICS NORTH AMERICA CORP.																
Patents By Year of Grant:	0	0	0	7	29	65	65	109	107	119	150	61	1	1	0	714
Patents By Year of Application:	2	0	37	78	89	123	134	121	83	42	5	0	0	0	0	714

(Granted: Jan 01, 1977 - Dec 31, 2005) ---- Ranked List of Organizations with 200 or More Patents ----

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----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ----- Ranked List of Organizations with 200 or More Patents -----

	Pre 1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
CATERPILLAR INC.																
Patents By Year of Grant:	109	11	14	18	35	41	50	36	70	50	53	38	25	39	41	630
Patents By Year of Application:	138	18	40	37	53	60	52	57	45	45	31	42	12	0	0	630
APPLIED MATERIALS, INC.																
Patents By Year of Grant:	18	5	6	6	11	22	19	44	47	48	61	95	103	64	66	615
Patents By Year of Application:	26	6	11	21	34	51	53	60	90	95	79	59	21	9	0	615
CALIFORNIA INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	128	17	15	23	24	10	18	35	45	50	53	41	48	53	52	612
Patents By Year of Application:	158	26	28	14	27	41	47	63	46	47	55	32	26	2	0	612
DAINIPPON SCREEN MFG. CO., LTD.																
Patents By Year of Grant:	341	35	37	25	26	15	13	25	27	15	12	6	8	12	13	610
Patents By Year of Application:	420	22	24	17	21	25	21	25	1	4	4	10	15	1	0	610
NORTH AMERICAN PHILIPS CORPORATION																
Patents By Year of Grant:	386	77	47	46	28	16	5	1	3	0	0	0	0	1	0	610
Patents By Year of Application:	500	55	31	12	12	0	0	0	0	0	0	0	0	0	0	610
LG SEMICON CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	15	60	137	195	154	18	16	3	3	1	602
Patents By Year of Application:	0	0	0	5	68	133	197	147	42	4	5	1	0	0	0	602
STANFORD UNIVERSITY																
Patents By Year of Grant:	193	13	22	29	26	23	23	33	27	37	34	39	29	33	36	597
Patents By Year of Application:	224	30	28	27	26	32	37	42	39	36	27	30	14	5	0	597
STMICROELECTRONICS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	33	93	94	72	74	90	83	52	591
Patents By Year of Application:	1	1	3	10	15	46	111	94	86	88	70	35	25	5	1	591
NIPPON GAKKI SEIZO KABUSHIKI KAISHA																
Patents By Year of Grant:	586	1	0	0	0	0	0	0	0	0	0	0	0	0	0	587
Patents By Year of Application:	587	0	0	0	0	0	0	0	0	0	0	0	0	0	0	587
MATSUSHITA ELECTRIC WORKS, LTD.																
Patents By Year of Grant:	241	16	15	20	21	18	16	20	28	27	25	32	34	33	39	585
Patents By Year of Application:	271	16	21	23	17	19	31	23	26	43	41	27	16	11	0	585
LITTON SYSTEMS INC.																
Patents By Year of Grant:	222	12	14	31	43	45	25	20	29	31	54	20	17	13	7	583
Patents By Year of Application:	248	28	47	46	24	18	33	39	51	22	17	7	3	0	0	583

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	Pre 1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
STORAGE TECHNOLOGY CORPORATION																
Patents By Year of Grant:	97	13	20	30	31	26	15	13	25	42	50	50	50	67	52	581
Patents By Year of Application:	143	24	31	30	10	15	34	38	74	72	55	45	7	3	0	581
SILICON GRAPHICS, INC.																
Patents By Year of Grant:	7	2	14	12	11	33	39	83	54	65	79	49	50	52	28	578
Patents By Year of Application:	25	14	31	15	68	96	87	77	68	48	24	22	3	0	0	578
GENERAL INSTRUMENT CORPORATION																
Patents By Year of Grant:	157	39	27	22	20	21	29	30	26	24	22	27	32	49	52	577
Patents By Year of Application:	215	32	18	27	32	35	26	35	38	58	36	18	6	1	0	577
SUNDSTRAND CORPORATION																
Patents By Year of Grant:	368	28	25	32	21	31	13	28	20	4	1	0	0	0	0	571
Patents By Year of Application:	425	23	39	23	14	25	14	8	0	0	0	0	0	0	0	571
WINBOND ELECTRONICS CORP.																
Patents By Year of Grant:	0	0	4	3	5	12	14	40	75	83	77	77	55	75	51	571
Patents By Year of Application:	4	4	3	12	13	44	69	121	91	57	61	55	30	7	0	571
THOMSON CONSUMER ELECTRONICS, INC.																
Patents By Year of Grant:	48	59	48	60	65	69	60	65	60	26	1	1	0	0	0	562
Patents By Year of Application:	138	65	43	101	78	81	47	9	0	0	0	0	0	0	0	562
NEC ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	187	203	163	553
Patents By Year of Application:	0	0	0	0	0	0	0	7	41	102	131	135	114	21	2	553
AGFA-GEVAERT, AG																
Patents By Year of Grant:	413	12	17	14	11	3	11	17	15	6	5	10	4	5	7	550
Patents By Year of Application:	430	25	10	5	14	13	18	7	8	8	3	3	6	0	0	550
EMERSON ELECTRIC CO.																
Patents By Year of Grant:	220	18	14	15	17	18	22	33	36	29	24	22	17	36	22	543
Patents By Year of Application:	247	15	25	21	16	31	42	25	26	19	23	35	12	6	0	543
BELL COMMUNICATIONS RESEARCH, INC.																
Patents By Year of Grant:	195	61	49	62	53	43	28	36	14	1	0	0	0	0	0	542
Patents By Year of Application:	296	56	67	45	35	36	6	1	0	0	0	0	0	0	0	542
GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	20	131	117	149	125	542
Patents By Year of Application:	0	0	0	0	0	0	0	8	40	118	122	163	79	12	0	542

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	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
HONEYWELL INFORMATION SYSTEMS INC.																
Patents By Year of Grant:	540	1	0	0	0	0	0	0	0	0	0	0	0	0	0	541
Patents By Year of Application:	541	0	0	0	0	0	0	0	0	0	0	0	0	0	0	541
FUJINON CORPORATION (FORMERLY FUJI PHOTO OPTICAL CO. LTD.)																
Patents By Year of Grant:	105	3	13	19	14	27	34	48	26	43	29	53	42	52	24	532
Patents By Year of Application:	111	19	19	27	31	38	59	25	54	49	39	44	13	4	0	532
PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH																
Patents By Year of Grant:	124	11	10	11	16	18	22	33	25	30	55	43	46	55	30	529
Patents By Year of Application:	149	9	13	12	30	28	25	37	45	49	45	50	33	4	0	529
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	29	20	10	13	15	23	29	27	31	39	58	66	41	61	64	526
Patents By Year of Application:	59	6	19	32	23	27	40	41	39	76	65	39	47	12	1	526
HYNIX SEMICONDUCTOR INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	44	121	158	190	516
Patents By Year of Application:	0	0	0	1	0	0	1	5	10	26	124	182	138	28	1	516
DEUTSCHE THOMSON-BRANDT GMBH																
Patents By Year of Grant:	139	15	35	36	47	24	23	35	44	41	46	19	0	3	3	510
Patents By Year of Application:	176	42	54	31	37	44	51	42	24	6	2	1	0	0	0	510
TRIMBLE NAVIGATION, LTD.																
Patents By Year of Grant:	3	4	7	14	22	33	44	61	70	76	53	43	34	28	18	510
Patents By Year of Application:	10	15	28	42	43	66	91	63	62	35	25	12	16	2	0	510
ILLINOIS TOOL WORKS INC.																
Patents By Year of Grant:	116	11	8	6	6	11	14	14	11	45	42	41	58	68	57	508
Patents By Year of Application:	135	3	5	17	12	13	19	33	38	49	67	77	36	4	0	508
NGK INSULATORS LTD.																
Patents By Year of Grant:	99	21	21	21	16	19	22	21	20	24	39	53	51	42	39	508
Patents By Year of Application:	139	17	17	25	34	22	22	23	36	51	51	45	23	3	0	508
BELLSOUTH INTELLECTUAL PROPERTY CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	12	19	22	45	79	166	164	507
Patents By Year of Application:	0	0	0	0	1	8	26	28	88	119	112	81	37	6	1	507
CORNING INCORPORATED																
Patents By Year of Grant:	82	6	13	12	16	9	17	12	17	21	54	81	82	53	24	499
Patents By Year of Application:	94	17	15	15	18	5	21	22	80	72	74	54	11	1	0	499

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
HAMAMATSU PHOTONICS KABUSHIKI KAISHA																
Patents By Year of Grant:	130	23	18	18	19	43	37	26	37	10	9	19	39	30	40	498
Patents By Year of Application:	166	23	23	34	39	27	46	7	6	34	31	35	23	4	0	498
SGS-THOMSON MICROELECTRONICS, INC.																
Patents By Year of Grant:	34	38	30	81	74	101	67	66	1	2	0	0	0	0	0	494
Patents By Year of Application:	113	64	73	103	81	49	11	0	0	0	0	0	0	0	0	494
MCI COMMUNICATIONS CORP.																
Patents By Year of Grant:	0	1	3	1	4	10	32	116	105	73	58	43	19	17	8	490
Patents By Year of Application:	4	3	4	6	88	149	121	95	14	2	3	0	1	0	0	490
CONEXANT SYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	20	65	115	131	81	50	26	488
Patents By Year of Application:	0	0	0	0	2	9	32	158	130	104	43	4	6	0	0	488
GTE LABORATORIES, INC.																
Patents By Year of Grant:	356	28	20	19	7	12	7	8	14	13	1	0	0	0	0	485
Patents By Year of Application:	406	18	15	7	13	6	11	9	0	0	0	0	0	0	0	485
DELCO ELECTRONICS CORPORATION																
Patents By Year of Grant:	73	24	18	32	59	59	55	59	63	34	6	1	0	0	0	483
Patents By Year of Application:	115	24	43	80	60	62	55	33	11	0	0	0	0	0	0	483
KOKUSAI DENSHIN DENWA KABUSHIKI KAISHA																
Patents By Year of Grant:	263	16	12	15	13	21	18	28	40	25	15	6	0	0	2	474
Patents By Year of Application:	285	12	18	20	29	31	45	29	2	3	0	0	0	0	0	474
FURUKAWA ELECTRIC CO., LTD.																
Patents By Year of Grant:	37	13	18	28	21	24	7	19	27	15	19	43	69	78	52	470
Patents By Year of Application:	65	26	23	23	18	17	32	9	24	48	93	74	17	1	0	470
SCIENTIFIC-ATLANTA, INC.																
Patents By Year of Grant:	82	11	39	35	32	25	17	28	28	27	38	32	34	23	16	467
Patents By Year of Application:	137	35	32	26	29	27	42	28	37	33	27	11	3	0	0	467
AISIN SEIKI KABUSHIKI KAISHA																
Patents By Year of Grant:	207	20	10	14	10	14	10	9	29	17	20	27	25	30	24	466
Patents By Year of Application:	242	7	8	13	15	13	21	20	18	24	33	30	20	2	0	466
TEAC CORPORATION																
Patents By Year of Grant:	122	28	35	44	29	24	17	11	23	17	28	19	20	23	23	463
Patents By Year of Application:	192	28	26	32	25	13	26	22	21	25	20	24	9	0	0	463

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ----- Ranked List of Organizations with 200 or More Patents -----

	Pre 1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
HON HAI PRECISION IND. CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	1	0	1	12	30	46	73	77	141	73	454
Patents By Year of Application:	0	0	0	1	1	0	4	28	57	51	82	140	71	18	1	454
OMRON TETEISI ELECTRONICS CO.																
Patents By Year of Grant:	397	25	16	5	2	1	0	0	0	0	0	0	0	0	0	446
Patents By Year of Application:	434	6	5	1	0	0	0	0	0	0	0	0	0	0	0	446
ORACLE CORPORATION																
Patents By Year of Grant:	0	0	0	0	3	8	7	58	85	77	67	85	50	5	1	446
Patents By Year of Application:	0	3	1	7	19	73	133	85	79	27	12	7	0	0	0	446
FORD GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	16	63	60	58	91	112	36	1	1	438
Patents By Year of Application:	0	0	3	5	25	54	67	56	55	106	48	18	1	0	0	438
INTERDIGITAL TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	0	6	12	9	9	19	14	22	17	27	40	54	103	106	438
Patents By Year of Application:	7	5	17	14	10	23	30	12	28	34	61	151	33	13	0	438
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
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	232	37	16	28	21	18	5	11	6	10	3	6	6	15	10	424
Patents By Year of Application:	288	25	21	15	14	6	5	11	8	6	7	11	5	1	1	424
AMPEX CORP.																
Patents By Year of Grant:	354	15	6	3	14	2	6	9	2	6	0	1	0	1	0	419
Patents By Year of Application:	376	13	3	5	5	8	5	2	1	1	0	0	0	0	0	419
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	86	13	8	18	19	20	6	26	29	23	30	21	45	48	22	414
Patents By Year of Application:	105	19	12	24	15	19	35	24	30	26	44	41	14	5	1	414
CHRYSLER MOTORS CORPORATION																
Patents By Year of Grant:	147	9	11	19	25	31	24	53	52	28	7	2	0	0	0	408
Patents By Year of Application:	168	16	27	30	34	54	47	30	0	2	0	0	0	0	0	408

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ----- Ranked List of Organizations with 200 or More Patents -----

	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
OMRON CORPORATION																
Patents By Year of Grant:	16	18	26	19	17	23	15	36	19	19	22	30	35	54	58	407
Patents By Year of Application:	66	26	17	18	25	32	26	15	26	23	50	36	38	9	0	407
ALLEN-BRADLEY COMPANY																
Patents By Year of Grant:	199	19	18	26	26	40	45	25	4	0	0	0	0	0	0	402
Patents By Year of Application:	239	28	22	32	45	29	6	1	0	0	0	0	0	0	0	402
AGERE SYSTEMS GUARDIAN CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	166	226	5	1	0	398
Patents By Year of Application:	0	0	1	0	2	0	20	97	172	91	14	1	0	0	0	398
VARIAN ASSOCIATES, INC.																
Patents By Year of Grant:	297	16	10	10	19	5	17	19	4	1	0	0	0	0	0	398
Patents By Year of Application:	322	10	11	11	12	26	6	0	0	0	0	0	0	0	0	398
INTERNATIONAL RECTIFIER CORPORATION																
Patents By Year of Grant:	50	3	1	2	9	17	15	34	23	25	31	37	42	55	53	397
Patents By Year of Application:	53	2	6	16	21	21	36	32	28	31	46	46	48	10	1	397
FRANCE TELECOM																
Patents By Year of Grant:	0	2	13	38	29	38	28	57	43	32	28	17	21	32	18	396
Patents By Year of Application:	17	28	39	35	44	53	50	35	21	35	16	14	9	0	0	396
AGFA-GEVAERT N.V.																
Patents By Year of Grant:	65	12	12	21	22	36	25	54	34	26	20	24	16	16	8	391
Patents By Year of Application:	87	16	23	36	40	48	33	36	21	22	13	8	8	0	0	391
LICENTIA PATENT-VERWALTUNGS-GMBH																
Patents By Year of Grant:	365	3	5	2	2	5	2	1	3	0	1	0	0	0	0	389
Patents By Year of Application:	374	3	1	5	2	3	1	0	0	0	0	0	0	0	0	389
PICKER INTERNATIONAL, INC.																
Patents By Year of Grant:	130	17	18	32	17	28	27	19	19	43	32	5	0	0	0	387
Patents By Year of Application:	165	23	26	27	24	21	31	49	20	0	1	0	0	0	0	387
DAIMLER-CHRYSLER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	7	60	92	76	54	38	59	386
Patents By Year of Application:	0	0	0	1	2	7	22	51	105	76	50	44	25	3	0	386
MAXTOR CORPORATION																
Patents By Year of Grant:	17	7	8	15	17	15	8	12	15	17	34	63	52	56	47	383
Patents By Year of Application:	29	13	24	14	15	15	8	24	91	50	61	25	13	1	0	383

---- Ranked List of Organizations with 200 or More Patents ----

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----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ----- Ranked List of Organizations with 200 or More Patents -----

	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
QUANTUM CORP. (CA)																
Patents By Year of Grant:	1	4	14	13	35	38	28	49	34	43	28	9	15	20	16	347
Patents By Year of Application:	19	20	22	40	39	45	44	39	24	16	20	13	6	0	0	347
HUBBELL INCORPORATED																
Patents By Year of Grant:	43	9	19	16	30	9	21	20	25	32	26	37	21	22	16	346
Patents By Year of Application:	65	21	23	17	25	22	24	30	30	27	33	13	12	4	0	346
LUCAS INDUSTRIES PUBLIC LTD. COMPANY																
Patents By Year of Grant:	244	9	4	6	9	6	10	12	10	7	10	7	5	5	2	346
Patents By Year of Application:	258	6	6	13	7	6	14	4	13	8	6	4	0	1	0	346
RAMBUS, INC.																
Patents By Year of Grant:	0	0	3	5	9	10	8	13	19	34	28	41	55	63	58	346
Patents By Year of Application:	0	9	6	11	11	11	29	30	37	60	57	40	35	10	0	346
ADAPTEC, INC.																
Patents By Year of Grant:	0	1	0	0	2	6	21	32	45	56	46	42	22	37	34	344
Patents By Year of Application:	2	2	4	17	26	21	54	72	49	44	21	24	3	5	0	344
SIEMENS ENERGY & AUTOMATION, INC.																
Patents By Year of Grant:	48	6	8	12	16	19	18	28	27	27	35	21	29	20	30	344
Patents By Year of Application:	61	13	16	26	17	30	18	33	38	29	25	19	12	6	1	344
VIA TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	15	18	42	48	103	116	344
Patents By Year of Application:	0	0	0	0	1	0	0	19	43	41	58	106	61	14	1	344
INTEGRATED DEVICE TECHNOLOGY, INC.																
Patents By Year of Grant:	16	9	5	9	12	19	19	51	41	26	33	18	23	24	34	339
Patents By Year of Application:	37	7	8	14	33	41	51	28	24	20	26	22	22	6	0	339
SANKYO SEIKI MFG. CO., LTD.																
Patents By Year of Grant:	58	8	14	12	16	17	26	24	18	16	21	19	34	29	24	336
Patents By Year of Application:	72	21	21	15	26	22	16	25	18	29	27	28	13	3	0	336
SPRINT COMMUNICATIONS COMPANY L.P.																
Patents By Year of Grant:	0	0	1	1	1	5	2	14	13	22	28	42	54	83	69	335
Patents By Year of Application:	2	0	4	5	14	19	16	50	46	77	32	44	20	6	0	335
NIPPON STEEL CORP.																
Patents By Year of Grant:	64	18	18	31	33	28	28	38	19	14	13	11	7	5	5	332
Patents By Year of Application:	104	27	23	34	36	36	26	17	8	6	3	8	4	0	0	332

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---- Ranked List of Organizations with 200 or More Patents ----

HUGHES ELECTRONIC DEVICES CORPORATION

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2005) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL	
WESTERN DIGITAL TECHNOLOGIES, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	12	36	56	80	112	296	
Patents By Year of Application:	0	0	0	0	0	0	1	6	27	51	75	74	49	13	0	296	
NATIONAL RESEARCH DEVELOPMENT CORPORATION																	
Patents By Year of Grant:	277	12	1	1	0	0	0	0	0	0	1	2	1	0	0	295	
Patents By Year of Application:	290	0	0	1	0	0	0	1	0	2	1	0	0	0	0	295	
BELL ATLANTIC NETWORK SERVICES, INC.																	
Patents By Year of Grant:	3	4	10	6	13	25	46	63	32	43	36	9	1	2	1	294	
Patents By Year of Application:	17	9	7	25	94	44	52	31	11	4	0	0	0	0	0	294	
COOPER INDUSTRIES INC.																	
Patents By Year of Grant:	140	14	17	13	13	19	17	22	9	8	5	3	5	4	5	294	
Patents By Year of Application:	165	18	21	12	18	21	11	8	5	5	5	1	4	0	0	294	
ADOBE SYSTEMS, INC.																	
Patents By Year of Grant:	2	1	8	4	1	12	8	19	28	31	41	27	28	42	40	292	
Patents By Year of Application:	11	5	8	7	14	32	51	50	46	33	19	10	5	1	0	292	
ATI INTERNATIONAL SRL																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	6	11	44	72	70	59	30	292	
Patents By Year of Application:	0	0	0	0	0	2	7	52	134	84	10	3	0	0	0	292	
WHITAKER CORPORATION																	
Patents By Year of Grant:	0	0	4	42	29	33	27	41	35	38	27	10	4	2	0	292	
Patents By Year of Application:	8	24	37	34	32	38	54	37	24	4	0	0	0	0	0	292	
ASEA AKTIEBOLAG																	
Patents By Year of Grant:	290	0	0	0	0	0	0	0	0	0	0	0	0	0	0	290	
Patents By Year of Application:	290	0	0	0	0	0	0	0	0	0	0	0	0	0	0	290	
GOULD INC.																	
Patents By Year of Grant:	277	5	4	3	0	0	0	0	0	0	0	0	0	0	0	289	
Patents By Year of Application:	284	2	3	0	0	0	0	0	0	0	0	0	0	0	0	289	
SIEMENS INFORMATION AND COMMUNICATIONS NETWORKS, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	58	40	48	49	32	57	2	286	
Patents By Year of Application:	0	0	0	0	4	31	78	81	46	19	22	5	0	0	0	286	
ITT MANUFACTURING ENTERPRISES, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	10	39	56	46	39	27	32	36	285	
Patents By Year of Application:	3	1	0	2	1	4	60	55	36	45	37	24	14	3	0	285	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
GATEWAY 2000, INC.																
Patents By Year of Grant:	0	0	0	0	1	1	3	14	21	23	29	46	47	55	44	284
Patents By Year of Application:	0	0	0	1	11	27	28	55	72	39	21	20	6	4	0	284
NORITSU KOKI CO., LTD.																
Patents By Year of Grant:	24	0	0	4	32	20	39	58	36	32	10	12	4	6	7	284
Patents By Year of Application:	24	0	7	48	51	51	38	27	18	6	4	8	1	1	0	284
ASEA BROWN BOVERI AB																
Patents By Year of Grant:	23	5	7	12	13	22	17	9	28	15	29	34	23	22	24	283
Patents By Year of Application:	31	14	14	17	21	9	28	35	31	25	28	17	11	2	0	283
WESTERN ATLAS INTERNATIONAL, INC.																
Patents By Year of Grant:	63	11	11	13	20	33	27	37	28	34	5	0	1	0	0	283
Patents By Year of Application:	79	17	17	17	39	35	43	31	4	0	1	0	0	0	0	283
CADENCE DESIGN SYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	6	7	9	11	10	8	11	11	19	41	55	94	282
Patents By Year of Application:	2	7	4	15	6	14	8	17	14	51	41	89	14	0	0	282
ROCKWELL COLLINS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	22	46	70	56	50	36	282
Patents By Year of Application:	0	0	0	1	0	0	9	27	77	83	41	21	20	3	0	282
BULL HN INFORMATION SYSTEMS INC.																
Patents By Year of Grant:	57	25	27	26	18	19	18	12	12	13	9	21	9	7	8	281
Patents By Year of Application:	131	20	16	16	12	11	15	18	18	13	4	5	2	0	0	281
BULL S.A.																
Patents By Year of Grant:	44	14	25	16	15	25	19	25	20	15	19	21	8	9	6	281
Patents By Year of Application:	86	18	21	21	20	24	30	19	17	14	7	2	2	0	0	281
HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	38	99	143	280
Patents By Year of Application:	0	0	0	0	0	0	1	4	5	31	87	83	57	12	0	280
GENERAL SIGNAL CORPORATION																
Patents By Year of Grant:	209	6	5	5	11	3	5	19	6	2	3	3	1	0	0	278
Patents By Year of Application:	223	5	4	6	9	16	5	4	2	3	1	0	0	0	0	278
DISCOVISION ASSOCIATES																
Patents By Year of Grant:	93	2	2	3	5	17	23	37	26	26	18	10	4	6	4	276
Patents By Year of Application:	96	1	9	15	82	5	39	8	7	5	7	1	1	0	0	276

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	Pre 1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
DATA GENERAL CORP.																
Patents By Year of Grant:	224	4	2	8	4	2	6	6	13	4	1	0	0	0	0	274
Patents By Year of Application:	232	7	4	2	6	13	6	3	1	0	0	0	0	0	0	274
MAZDA MOTOR CORPORATION																
Patents By Year of Grant:	73	16	26	25	23	14	17	16	14	10	13	5	7	7	6	272
Patents By Year of Application:	117	21	29	25	15	9	13	9	7	6	13	4	4	0	0	272
OSRAM SYLVANIA INC.																
Patents By Year of Grant:	0	0	0	12	9	22	20	22	28	23	27	18	23	40	27	271
Patents By Year of Application:	1	8	9	18	26	27	22	26	36	12	27	36	20	2	1	271
PENTAX CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	6	94	83	83	266
Patents By Year of Application:	0	0	0	0	0	0	2	11	33	46	79	62	21	12	0	266
ADC TELECOMMUNICATIONS, INC.																
Patents By Year of Grant:	17	4	3	1	6	4	8	3	12	13	29	38	46	45	36	265
Patents By Year of Application:	26	1	6	7	5	11	15	25	35	38	57	31	6	2	0	265
BLACK & DECKER INC.																
Patents By Year of Grant:	109	10	5	3	10	10	4	12	7	18	10	11	18	17	20	264
Patents By Year of Application:	121	7	6	13	10	7	9	10	18	11	10	25	11	6	0	264
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.																
Patents By Year of Grant:	28	4	3	11	10	10	13	16	19	15	17	38	26	31	23	264
Patents By Year of Application:	42	7	8	10	15	16	21	17	29	36	23	23	13	4	0	264
FUNAI ELECTRIC CO., LTD.																
Patents By Year of Grant:	4	0	5	5	7	7	10	10	13	20	30	29	28	46	50	264
Patents By Year of Application:	8	7	7	4	18	9	15	39	30	32	37	38	14	6	0	264
KABUSHIKI KAISHA KAWAI GAKKI SEISAKUSHO																
Patents By Year of Grant:	89	10	23	28	30	12	14	10	14	5	8	7	6	4	3	263
Patents By Year of Application:	113	29	31	18	13	13	10	9	4	9	6	5	3	0	0	263
USHIO DENKI KABUSHIKI KAISYA																
Patents By Year of Grant:	43	2	2	1	2	8	6	10	23	13	16	30	40	36	31	263
Patents By Year of Application:	47	1	1	7	13	13	14	18	22	36	28	37	23	3	0	263
FREESCALE SEMICONDUCTOR, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	90	172	262
Patents By Year of Application:	0	0	0	0	0	0	1	0	5	31	43	81	91	10	0	262

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-----  Ranked List of Organizations with  200  or More Patents  -----

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[illegible]

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
STANLEY ELECTRIC CO., LTD.																
Patents By Year of Grant:	69	16	15	11	13	6	2	7	17	26	16	19	17	6	9	249
Patents By Year of Application:	95	13	14	7	3	2	21	25	20	15	18	5	10	1	0	249
SHIMADZU CORPORATION																
Patents By Year of Grant:	26	16	13	11	11	12	12	12	13	13	15	26	33	12	22	247
Patents By Year of Application:	54	5	16	12	10	16	16	13	17	20	28	21	13	6	0	247
FUJI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	72	10	7	5	8	14	10	14	6	9	16	21	21	22	11	246
Patents By Year of Application:	89	3	8	16	12	11	9	11	18	23	18	15	12	1	0	246
INTERMEC IP CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	39	69	55	32	20	14	16	246
Patents By Year of Application:	0	0	0	2	7	17	46	68	66	23	6	4	6	1	0	246
ALCATEL USA SOURCING, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	52	61	60	44	19	5	3	244
Patents By Year of Application:	0	0	0	0	0	34	104	51	32	19	1	2	1	0	0	244
TERADYNE, INC.																
Patents By Year of Grant:	47	0	2	4	0	10	11	10	10	12	16	29	28	37	27	243
Patents By Year of Application:	49	1	6	8	11	13	13	14	31	33	25	29	9	1	0	243
AGENCY OF INDUSTRIAL SCIENCE & TECHNOLOGY																
Patents By Year of Grant:	123	16	8	7	14	6	9	13	7	5	3	8	16	6	1	242
Patents By Year of Application:	147	4	11	14	8	12	8	4	6	22	1	4	0	1	0	242
DONNELLY CORPORATION																
Patents By Year of Grant:	18	8	9	4	6	7	11	13	16	20	31	35	19	25	20	242
Patents By Year of Application:	36	4	4	8	9	9	22	13	36	30	27	33	9	2	0	242
WISCONSIN ALUMNI RESEARCH FOUNDATION																
Patents By Year of Grant:	64	11	15	15	10	10	13	11	10	12	8	15	19	12	17	242
Patents By Year of Application:	85	15	17	9	12	12	12	9	15	20	13	15	7	1	0	242
CSELT - CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A.																
Patents By Year of Grant:	172	9	4	4	4	10	7	10	5	6	9	1	0	0	0	241
Patents By Year of Application:	183	5	2	9	11	10	4	11	5	1	0	0	0	0	0	241
METROLOGIC INSTRUMENTS INC.																
Patents By Year of Grant:	8	0	2	3	3	4	7	15	22	18	18	32	39	26	43	240
Patents By Year of Application:	11	2	2	6	5	17	43	7	35	28	27	54	3	0	0	240

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ----- Ranked List of Organizations with 200 or More Patents -----

	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
RCA LICENSING CORPORATION																
Patents By Year of Grant:	232	3	3	0	0	1	0	0	0	0	0	0	0	0	0	239
Patents By Year of Application:	237	1	0	0	1	0	0	0	0	0	0	0	0	0	0	239
ALPINE ELECTRONICS INC.																
Patents By Year of Grant:	38	4	9	3	4	8	8	13	15	11	14	21	19	34	34	235
Patents By Year of Application:	51	1	8	6	12	21	10	10	14	25	32	30	15	0	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
ETA SA FABRIQUES D'EBAUCHES OF GRANGES																
Patents By Year of Grant:	92	8	10	15	12	8	8	14	9	9	6	12	13	12	5	233
Patents By Year of Application:	109	11	12	11	12	9	13	9	7	14	13	11	2	0	0	233
HITACHI METALS LTD.																
Patents By Year of Grant:	75	17	13	13	8	20	12	20	9	8	9	7	7	4	11	233
Patents By Year of Application:	104	8	17	12	13	18	21	3	10	6	10	7	2	2	0	233
SAMSUNG DISPLAY DEVICES CO., LTD.																
Patents By Year of Grant:	0	0	0	1	6	17	28	44	33	31	45	20	6	1	1	233
Patents By Year of Application:	0	1	7	14	38	41	34	44	47	4	3	0	0	0	0	233
SANDISK CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	9	9	7	16	17	25	20	34	35	61	233
Patents By Year of Application:	1	0	3	4	14	6	15	24	19	24	39	41	28	13	2	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
DELTA ELECTRONICS INC.																
Patents By Year of Grant:	3	1	0	1	0	1	2	7	7	13	17	34	48	54	44	232
Patents By Year of Application:	4	0	1	0	3	4	7	9	20	22	61	47	46	8	0	232
ROBERTSHAW CONTROLS COMPANY																
Patents By Year of Grant:	156	12	12	11	12	8	6	3	1	3	0	0	5	1	2	232
Patents By Year of Application:	170	16	11	13	7	4	0	3	1	1	4	2	0	0	0	232
TOSHIBA TEC KABUSHIKI KAISHA																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	9	56	82	62	14	9	232
Patents By Year of Application:	0	0	0	1	0	1	1	3	26	109	76	13	2	0	0	232

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ----- Ranked List of Organizations with 200 or More Patents -----

	Pre 1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
CARL ZEISS STIFTUNG																
Patents By Year of Grant:	101	7	9	10	4	10	10	8	10	7	11	11	18	8	7	231
Patents By Year of Application:	116	8	9	8	11	9	9	11	7	17	16	6	2	2	0	231
NIPPON SOKEN, INC.																
Patents By Year of Grant:	189	1	0	3	2	1	3	7	3	3	4	1	5	2	6	230
Patents By Year of Application:	190	3	1	2	6	7	2	3	2	2	2	7	3	0	0	230
FORD GLOBAL TECHNOLOGIES, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	47	100	81	228
Patents By Year of Application:	0	0	0	0	0	0	0	0	3	29	47	102	39	8	0	228
READ-RITE CORPORATION																
Patents By Year of Grant:	1	1	4	8	10	4	9	29	28	26	42	50	15	0	1	228
Patents By Year of Application:	5	4	8	11	12	24	33	44	56	16	10	5	0	0	0	228
PARADYNE CORPORATION																
Patents By Year of Grant:	56	0	0	0	0	0	15	33	21	28	21	10	15	15	13	227
Patents By Year of Application:	56	1	1	8	21	15	51	28	22	16	8	0	0	0	0	227
PERKIN-ELMER CORPORATION																
Patents By Year of Grant:	194	4	4	5	3	3	3	2	3	4	2	0	0	0	0	227
Patents By Year of Application:	203	5	1	4	4	3	5	1	0	1	0	0	0	0	0	227
AMOCO CORPORATION																
Patents By Year of Grant:	157	20	21	11	0	6	2	6	3	0	0	0	0	0	0	226
Patents By Year of Application:	195	12	2	4	7	5	1	0	0	0	0	0	0	0	0	226
MITEL CORPORATION																
Patents By Year of Grant:	71	5	5	3	12	16	20	8	21	11	12	10	16	14	2	226
Patents By Year of Application:	80	8	10	22	12	13	22	12	26	15	5	0	1	0	0	226
ATT WIRELESS SERVICES INC																
Patents By Year of Grant:	0	0	0	0	0	0	2	13	40	18	23	42	37	42	8	225
Patents By Year of Application:	0	0	0	3	14	34	49	24	22	40	16	22	1	0	0	225
HITACHI MAXELL, LTD.																
Patents By Year of Grant:	84	11	8	10	13	8	7	6	12	7	9	16	14	10	10	225
Patents By Year of Application:	105	10	6	14	10	7	9	10	13	17	9	11	4	0	0	225
ORACLE INTERNATIONAL CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	2	36	93	93	224
Patents By Year of Application:	0	0	0	0	0	0	3	2	28	57	75	42	15	2	0	224

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ----- Ranked List of Organizations with 200 or More Patents -----

	Pre 1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
NORAND CORPORATION																
Patents By Year of Grant:	37	7	16	22	14	33	27	34	29	4	0	0	0	0	0	223
Patents By Year of Application:	59	22	17	34	50	25	16	0	0	0	0	0	0	0	0	223
SCHNEIDER ELECTRIC SA																
Patents By Year of Grant:	0	0	0	0	0	18	13	27	43	26	22	22	23	15	13	222
Patents By Year of Application:	0	0	0	15	19	20	41	31	25	16	28	15	10	1	1	222
SYNOPSYS INC.																
Patents By Year of Grant:	0	0	0	3	0	4	13	19	21	26	25	31	20	21	38	221
Patents By Year of Application:	1	1	2	2	35	14	28	26	40	19	21	21	7	4	0	221
LATTICE SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	8	3	8	7	6	4	4	3	2	15	12	22	36	43	47	220
Patents By Year of Application:	21	5	6	2	7	4	6	15	14	18	27	52	42	0	1	220
MAXIM INTEGRATED PRODUCTS, INC.																
Patents By Year of Grant:	21	1	0	0	2	9	14	19	22	22	31	31	20	12	16	220
Patents By Year of Application:	22	0	0	13	12	16	18	31	34	21	27	11	12	3	0	220
AISIN AW CO., LTD.																
Patents By Year of Grant:	12	9	7	4	7	9	8	26	31	29	18	8	20	14	15	217
Patents By Year of Application:	29	1	10	11	16	39	29	16	7	17	14	13	14	1	0	217
JOHANNES HEIDENHAIN GMBH																
Patents By Year of Grant:	81	9	2	4	2	2	6	8	9	9	12	16	21	16	18	215
Patents By Year of Application:	94	3	0	6	4	7	12	12	19	16	12	18	10	2	0	215
NTT MOBILE COMMUNICATIONS NETWORK INC.																
Patents By Year of Grant:	0	0	0	1	3	12	25	48	32	33	18	11	14	10	7	214
Patents By Year of Application:	0	1	3	14	41	52	51	20	19	9	1	3	0	0	0	214
ASML NETHERLANDS B.V.																
Patents By Year of Grant:	1	1	0	0	0	1	0	0	3	3	6	28	32	61	77	213
Patents By Year of Application:	2	0	0	1	0	1	4	5	12	35	29	49	66	9	0	213
LINEAR TECHNOLOGY CORPORATION																
Patents By Year of Grant:	26	5	7	6	9	9	7	14	9	28	15	19	27	13	19	213
Patents By Year of Application:	38	5	10	7	12	9	15	21	18	22	20	14	19	3	0	213
AMKOR TECHNOLOGY, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	5	5	9	50	63	43	36	212
Patents By Year of Application:	0	0	0	0	0	1	6	6	20	61	60	29	25	4	0	212

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2005) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL	
GENTEX CORPORATION																	
Patents By Year of Grant:	15	2	1	3	4	3	2	9	10	19	26	28	40	19	31	212	
Patents By Year of Application:	18	4	5	5	0	5	14	14	30	30	39	22	17	8	1	212	
JOHN FLUKE MFG. CO., INC.																	
Patents By Year of Grant:	90	7	8	7	14	22	11	11	13	4	6	4	10	4	1	212	
Patents By Year of Application:	106	2	13	19	13	16	18	5	7	6	5	2	0	0	0	212	
ROCKWELL AUTOMATION TECHNOLOGIES, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	8	48	55	54	47	212	
Patents By Year of Application:	0	0	0	0	0	0	1	12	39	60	39	29	26	6	0	212	
WANG LABORATORIES, INC.																	
Patents By Year of Grant:	127	22	14	13	14	11	5	2	3	0	0	0	0	0	0	211	
Patents By Year of Application:	170	7	14	12	4	3	1	0	0	0	0	0	0	0	0	211	
HITACHI MEDICAL CORPORATION																	
Patents By Year of Grant:	53	7	4	10	10	13	12	8	16	12	11	18	16	10	10	210	
Patents By Year of Application:	65	5	12	19	9	17	16	13	11	12	13	10	7	1	0	210	
KOMATSU LTD.																	
Patents By Year of Grant:	0	0	0	0	0	0	11	17	23	30	35	27	28	23	16	210	
Patents By Year of Application:	0	0	1	0	7	17	32	41	33	44	8	19	7	1	0	210	
SIEMENS CORPORATE RESEARCH, INC.																	
Patents By Year of Grant:	3	5	1	6	6	8	7	16	33	19	24	14	26	21	21	210	
Patents By Year of Application:	11	6	3	12	10	26	39	20	30	19	22	10	2	0	0	210	
ATI TECHNOLOGIES INC.																	
Patents By Year of Grant:	0	0	0	2	6	1	6	15	17	39	37	21	11	28	26	209	
Patents By Year of Application:	0	2	7	8	4	12	51	61	8	17	21	7	9	2	0	209	
EMHART INDUSTRIES, INC.																	
Patents By Year of Grant:	204	4	0	1	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	
FUTABA DENSHI KOGYO KABUSHIKI KAISHA																	
Patents By Year of Grant:	81	7	6	3	10	9	15	30	10	16	10	5	2	5	0	209	
Patents By Year of Application:	94	3	13	17	12	22	18	13	7	4	6	0	0	0	0	209	
INTERNATIONAL COMPUTERS LIMITED																	
Patents By Year of Grant:	113	10	7	6	10	11	7	16	8	2	4	10	5	0	0	209	
Patents By Year of Application:	128	10	10	6	14	16	9	5	8	3	0	0	0	0	0	209	

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ----- Ranked List of Organizations with 200 or More Patents -----

	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
CTS CORPORATION																
Patents By Year of Grant:	47	2	2	2	2	6	3	11	25	23	29	17	19	9	11	208
Patents By Year of Application:	51	4	3	7	1	10	12	41	23	17	19	14	5	1	0	208
HEIDELBERGER DRUCKMASCHINEN AG																
Patents By Year of Grant:	39	4	9	6	4	6	6	7	2	8	5	32	44	23	13	208
Patents By Year of Application:	51	7	6	4	4	10	5	10	15	47	29	16	4	0	0	208
SOCIETE NATIONALE INDUSTRIELLE AEROSPATIALE																
Patents By Year of Grant:	84	12	9	14	15	13	17	15	11	11	6	1	0	0	0	208
Patents By Year of Application:	105	13	15	18	15	17	11	8	6	0	0	0	0	0	0	208
FAIRCHILD CAMERA AND INSTRUMENT CORPORATION																
Patents By Year of Grant:	206	1	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
SHELL OIL COMPANY																
Patents By Year of Grant:	112	10	8	6	1	6	2	5	3	9	9	3	8	12	13	207
Patents By Year of Application:	128	8	1	6	4	4	6	7	6	7	12	7	10	1	0	207
ANDREW CORPORATION																
Patents By Year of Grant:	45	1	1	5	1	5	3	8	8	10	6	14	31	39	29	206
Patents By Year of Application:	47	3	4	4	7	6	7	9	12	14	24	45	22	2	0	206
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	42	11	12	4	5	9	10	13	11	16	16	12	21	15	9	206
Patents By Year of Application:	58	8	6	11	11	16	14	15	18	10	16	13	8	2	0	206
CHARLES STARK DRAPER LABORATORY, INC.																
Patents By Year of Grant:	98	11	13	13	9	1	8	4	5	4	5	5	9	12	9	206
Patents By Year of Application:	122	12	10	3	9	2	8	3	5	5	13	9	5	0	0	206
ELECTRONIC DATA SYSTEMS CORPORATION																
Patents By Year of Grant:	3	1	1	1	5	4	8	53	48	18	13	21	7	12	11	206
Patents By Year of Application:	4	1	7	1	26	79	36	21	12	1	5	11	1	1	0	206
INSTITUT FRANCAIS DU PETROLE																
Patents By Year of Grant:	81	3	8	5	2	6	5	16	8	13	10	7	15	11	15	205
Patents By Year of Application:	90	6	7	3	8	11	17	10	11	12	15	9	5	1	0	205
MICROCHIP TECHNOLOGY INCORPORATED																
Patents By Year of Grant:	3	0	3	6	8	7	14	21	21	27	21	24	22	17	11	205
Patents By Year of Application:	6	5	7	9	14	21	31	28	12	25	41	2	2	2	0	205

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ----- Ranked List of Organizations with 200 or More Patents -----

	Pre 1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
TEXACO INC.																
Patents By Year of Grant:	167	5	5	4	7	6	5	2	1	1	1	0	1	0	0	205
Patents By Year of Application:	175	4	7	9	6	2	0	1	0	1	0	0	0	0	0	205
NIPPON SHEET GLASS CO., LTD.																
Patents By Year of Grant:	35	6	14	13	3	8	4	2	9	9	17	12	18	31	23	204
Patents By Year of Application:	51	14	6	4	8	3	8	9	17	15	35	16	14	4	0	204
CIENA CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	6	5	9	8	19	17	25	28	33	52	202
Patents By Year of Application:	0	0	1	2	7	10	15	30	20	52	47	14	4	0	0	202
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.																
Patents By Year of Grant:	0	0	0	2	9	10	0	0	0	0	19	31	46	40	45	202
Patents By Year of Application:	0	1	7	11	2	1	5	14	52	34	46	20	7	2	0	202
SONY COMPUTER ENTERTAINMENT INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	5	18	33	44	62	40	202
Patents By Year of Application:	0	0	0	0	1	1	5	13	28	57	62	28	6	1	0	202
UNITED TECHNOLOGIES AUTOMOTIVE, INC.																
Patents By Year of Grant:	51	5	11	9	10	15	15	40	42	2	0	2	0	0	0	202
Patents By Year of Application:	66	7	14	12	27	30	37	9	0	0	0	0	0	0	0	202
ACTEL CORPORATION, INC.																
Patents By Year of Grant:	18	10	10	12	14	23	11	8	9	6	7	8	15	24	26	201
Patents By Year of Application:	32	16	16	18	18	12	7	6	4	20	4	28	17	2	1	201
MURATA KIKAI KABUSHIKI KAISHA																
Patents By Year of Grant:	49	11	13	21	6	3	3	11	6	11	11	10	12	11	23	201
Patents By Year of Application:	81	9	10	4	4	8	13	16	15	10	16	5	8	2	0	201
TIMEX CORPORATION																
Patents By Year of Grant:	138	5	15	2	3	13	9	7	1	5	3	0	0	0	0	201
Patents By Year of Application:	142	14	5	9	10	12	2	3	4	0	0	0	0	0	0	201
COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	4	157	39	0	0	200
Patents By Year of Application:	1	0	0	0	2	3	14	54	56	36	31	3	0	0	0	200
E-SYSTEMS, INC.																
Patents By Year of Grant:	127	7	7	5	19	14	8	11	2	0	0	0	0	0	0	200
Patents By Year of Application:	140	13	13	5	21	3	4	1	0	0	0	0	0	0	0	200

ELECTRICAL CLASSES (12-31-2005)

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---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2005) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
WESTERN DIGITAL CORPORATION																
Patents By Year of Grant:	52	9	4	3	1	3	11	30	33	28	25	0	0	1	0	200
Patents By Year of Application:	67	1	3	3	10	21	47	34	11	2	1	0	0	0	0	200
Other Organizations (54531)																
Patents By Year of Grant:	75773	6932	7349	7815	8214	9094	8900	13157	13341	14391	16060	17646	19093	21782	20685	260232
Patents By Year of Application:	89833	7953	8517	9942	11858	13035	15483	16529	18908	20212	18970	16654	9987	2275	76	260232