

TECHNOLOGY ASSESSMENT AND FORECAST REPORT

ELECTRICAL CLASSES

1/1991 – 12/2010



December 2011
U.S. PATENT AND TRADEMARK OFFICE
ELECTRONIC INFORMATION PRODUCTS DIVISION- PTMT
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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 **1991** and **December 2010** 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 1997**" column, correspond to selected patents in the data base which were granted during the period **1991 to 1996**.

Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since 1991. 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 35% OF TOTAL FILINGS) ARE NOT INCLUDED IN THIS REPORT.

Since the average time period between filing for a utility patent and the issuing of the patent (i.e., the patent's "pendency") is now about **35** months, the patented application data for applications filed in the most recent years are incomplete.* This is because the patents included in this report are limited to those granted during the specified time period. However, a significant number of the applications filed during the most recent years of this time period were still pending at the end of the period. While many of these applications eventually will be patented, they will not be patented until sometime following the end of the period displayed 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, for the most part, such fluctuations would be immune from changes in U.S. Patent and

Trademark Office (PTO) processing such as occurred in years such as in 1986 and 2005 when the PTO 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 1997**" column, correspond to utility patent grants in the report that were filed prior to **1997**.

Parts of the Report

Parts A1 and A2 present tables which show, by number and percent, the patent activity in all technologies. 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 is attributed to the first-named assignee. The U.S. and Foreign Corporation ownership categories count predominantly corporate patents; however, patents assigned to other organizations such as small businesses, nonprofit organizations, universities, etc. are also included in these categories. While U.S. Government patent ownership includes only patents granted to the Federal Government, no similar distinction is made for Foreign Government patents.

Note that for a patent, the country of origin may differ from the country of ownership. Therefore, **the sum of U.S. origin patents does not equal the sum of U.S. ownership category patents**.

Part B is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) that have received 200 or more U.S. utility patents since 1986. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by year in which the patented applications were filed. Information regarding 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.

* For example, in a report profiling utility patents granted through December 2010, patent grant data, as distributed by year of application are approximately 90% complete for utility patent applications filed in 2003, 80% complete for applications filed in 2004, 66% complete for applications filed in 2005, 50% complete for applications filed in 2006, 33% complete for applications filed in 2007, and 17% complete for applications filed in 2008; data are essentially complete for applications filed prior to 2003.

CHEMICAL, ELECTRICAL, MECHANICAL CLASSES

DECEMBER 2010

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	210	216	252	260	264
	376	419	420	422	423	424	426	427	428	429	430	435	436	438	442	501
	502	503	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	977	987				

The following subclasses are also Chemical: 29/2, 25.01-25.03, 623.1-623.5; 118/47, 715-733; 131/274 279; 134/1 42; 505/100-126, 300-512, 725-785, 800-824, 951

ELECTRICAL	174	177	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	347	348	349	352	355	356	358	359	360
	361	362	363	365	367	368	369	370	372	373	375	377	378	379	380	381
	382	385	386	388	392	396	398	399	455	505	700	701	702	703	704	705
	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	725
	726	850	902													

The following subclasses are also Electrical: 84/600-746; 204/157.2-157.22; 209/ 127.1-131, 511, 524-528, 536, 563-590; 244/3.1-3.14; 434/1-10, 307R-321, 350-362; 600/310-361, 372-397, 407-436, 473-480, 509-525, 544-548; 604/20-21; 607/2-76, 98-103, 115-156; 968/446-604, 783, 802, 820-830, 837-856, 876-977; 977/720-723, 839, 849-881, 901, 932-960; 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	180	181	182	184	185	186	187	188	190	192	193	194	198
	199	206	209	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	261	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	351	353	366	374	383	384	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	903	968	984										

The following subclasses are also Mechanical: 8/147-159; 156/349-584; 210/348-540; 346/139R-145; 347/1-109; 352/143-197, 204-243; 359/503-553, 600-617, 838-883; 368/89-106, 124-154, 168-202, 206-216, 276-326; 378/167-209; 385/53-99; 396/341-372, 411-428, 439-543, 564-660; 588/249-250, 252-260; 726/35; 977/724-733, 904-913, 919, 962

TECHNOLOGY ASSESSMENT AND FORECAST PROGRAM TECHNOLOGY DISCIPLINES FOR
 U.S. PATENT CLASSIFICATION SYSTEM CLASSES AS OF DECEMBER 2010
CHEMICAL, ELECTRICAL, MECHANICAL

Class	Class	Class	Class	Class	Class	Class	Class	Class	Class	Class
2M	66M	124M	181M	228M	289M	343E	398E	441M	522C	707E
4M	68M	125M	182M	229M	290E	345E	399E	442C	523C	708E
5M	69M	126M	184M	231M	291M	346E*	400M	445M	524C	709E
7M	70M	127C	185M	232M	292M	347E*	401M	446M	525C	710E
8C*	71C	128M	186M	234M	293M	348E	402M	449M	526C	711E
12M	72M	131M*	187M	235E	294M	349E	403M	450M	527C	712E
14M	73M	132M	188M	236M	295M	351M	404M	451M	528C	713E
15M	74M	134M*	190M	237M	296M	352E*	405M	452M	530C	714E
16M	75C	135M	191E	238M	297M	353M	406M	453M	532C	715E
19M	76M	136C	192M	239M	298M	355E	407M	454M	534C	716E
23C	79M	137M	193M	241M	299M	356E	408M	455E	536C	717E
24M	81M	138M	194M	242M	300M	358E	409M	460M	540C	718E
26M	82M	139M	196C	244M*	301M	359E*	410M	462M	544C	719E
27M	83M	140M	198M	245M	303M	360E	411M	463M	546C	720E
28M	84M*	141M	199M	246M	305M	361E	412M	464M	548C	725E
29M*	86M	142M	200E	248M	307E	362E	413M	470M	549C	726E*
30M	87M	144M	201C	249M	310E	363E	414M	472M	552C	800C
33M	89M	147M	202C	250E	312M	365E	415M	473M	554C	850E
34M	91M	148C	203C	251M	313E	366M	416M	474M	556C	901M
36M	92M	149C	204C*	252C	314E	367E	417M	475M	558C	902E
37M	95C	150M	205C	254M	315E	368E*	418M	476M	560C	903M
38M	96C	152M	206M	256M	318E	369E	419C	477M	562C	930C
40M	99M	156C*	208C	257E	320E	370E	420C	482M	564C	968M*
42M	100M	157M	209M*	258M	322E	372E	422C	483M	568C	976C
43M	101M	159C	210C*	260C	323E	373E	423C	492M	570C	977C*
44C	102M	160M	211M	261M	324E	374M	424C	493M	585C	984M*
47M	104M	162C	212M	264C	326E	375E	425M	494M	588C*	987C
48C	105M	163M	213M	266M	327E	376C	426C	501C	600M*	
49M	106C	164M	215M	267M	329E	377E	427C	502C	601M	
51C	108M	165M	216C	269M	330E	378E*	428C	503C	602M	
52M	109M	166M	217M	270M	331E	379E	429C	504C	604M*	
53M	110M	168M	218E	271M	332E	380E	430C	505E*	606M	
54M	111M	169M	219E	273M	333E	381E	431M	507C	607M*	
55C	112M	171M	220M	276M	334E	382E	432M	508C	623M	
56M	114M	172M	221M	277M	335E	383M	433M	510C	700E	
57M	116M	173M	222M	278M	336E	384M	434M*	512C	701E	
59M	117C	174E	223M	279M	337E	385E*	435C	514C	702E	
60M	118M*	175M	224M	280M	338E	386E	436C	516C	703E	
62M	119M	177E	225M	281M	340E	388E	438C	518C	704E	
63M	122M	178E	226M	283M	341E	392E	439M	520C	705E	
65C	123M	180M	227M	285M	342E	396E*	440M	521C	706E	

- *8/147-159 are mechanical
- *29/2, 25.01-25.03, 623.1-623.5 are chemical
- *84/600-746 are electrical
- *118/47, 715-733 are chemical
- *131/274-279 are chemical
- *134/1-42 are chemical
- *156/349-584 are mechanical
- *204/157.2-157.22 are electrical
- *209/127.1-131, 511, 524-528, 536, 563-590 are electrical
- *210/348-540 are mechanical
- *244/3.1-3.14 are electrical
- *346/139R-145 are mechanical
- *347/1-109 are mechanical
- *352/143-197, 204-243 are mechanical
- *359/503-553, 600-617, 838-883 are mechanical
- *368/89-106, 124-154, 168-202, 206-216, 276-326 are mechanical
- *378/167-209 are mechanical
- *385/53-99 are mechanical
- *396/341-372, 411-428, 439-543, 564-660 are mechanical
- *434/1-10, 307R-321, 350-362 are electrical
- *505/100-126, 300-512, 725-785, 800-824, 951 are chemical
- *588/249-250, 252-260 are mechanical
- *600/310-361, 372-397, 407-436, 473-480, 509-525, 544-548 are electrical
- *604/20-21 are electrical
- *607/2-76, 98-103, 115-156 are electrical
- *726/35 is mechanical
- *968/446-604, 783, 802, 820-830, 837-856, 876-977 are electrical
- *977/720-723, 839, 849-881, 901, 932-960 are electrical
- *977/724-733, 904-913, 919, 962 are mechanical
- *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, 1991 - Dec 31, 2010) ----

	NUMBER OF PATENTS															Total
	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Total	177457	36161	53514	54442	56382	60318	64056	67818	73114	67010	88410	80760	84391	91653	116735	1172221
U.S. Origin	86711	18435	27274	28239	29495	31389	32426	34228	36861	33869	44832	39665	40522	43949	55588	583483
Foreign Origin	90746	17726	26240	26203	26887	28929	31630	33590	36253	33141	43578	41095	43869	47704	61147	588738
JAPAN	59494	11087	15909	15362	15213	15979	17308	18228	19183	17130	22146	19819	20349	21952	26756	315915
GERMANY	7204	1278	1895	1949	2274	2656	2897	3187	3342	3078	3684	3487	3561	3719	4980	49191
KOREA, SOUTH	2966	1039	1900	2076	1937	1989	2004	2162	2563	2608	3796	4144	5179	5972	8008	48343
TAIWAN	1614	513	907	989	1194	1362	1816	1959	2383	2294	3175	3410	3642	3975	5002	34235
UNITED KINGDOM	3784	679	1022	1070	1094	1224	1291	1279	1405	1360	1646	1499	1486	1618	1980	22437
FRANCE	4615	775	1037	1046	1055	1073	1196	1152	1199	1107	1396	1224	1326	1316	1873	21390
CANADA	2320	525	771	856	934	1007	1030	1087	1298	1139	1556	1537	1678	1853	2532	20123
NETHERLANDS	1867	299	525	484	463	487	562	566	579	446	755	697	770	717	823	10040
ISRAEL	743	220	343	333	375	461	508	633	617	578	782	732	772	932	1194	9223
SWEDEN	996	247	337	458	547	595	633	556	490	462	548	417	422	453	649	7810
FINLAND	552	128	235	268	270	326	407	474	530	433	642	633	583	613	805	6899
ITALY	1055	238	346	288	363	426	433	435	396	363	464	397	431	434	512	6581
SWITZERLAND	1171	183	240	239	239	254	286	303	362	305	370	339	382	443	529	5645
CHINA, PEOPLE'S REPUB	63	15	18	19	15	34	72	82	158	156	304	419	752	1002	1660	4769
AUSTRALIA	410	70	119	105	133	134	164	217	291	260	462	477	431	422	581	4276
INDIA	29	10	11	9	16	35	46	91	116	163	221	308	403	444	788	2690
SINGAPORE	113	40	53	64	89	110	172	198	250	183	234	230	252	260	340	2588
BELGIUM	329	80	134	99	120	117	111	126	152	141	170	160	156	174	244	2313
AUSTRIA	271	52	56	74	99	100	106	154	155	154	220	159	187	205	294	2286
CHINA, HONG KONG S.A.	138	32	62	62	69	80	76	93	132	126	137	137	132	139	192	1607
DENMARK	127	24	32	65	59	67	78	110	118	102	148	132	130	146	195	1533
IRELAND	108	32	27	26	43	68	66	81	103	73	103	98	102	107	143	1180
RUSSIAN FEDERATION	67	29	53	68	58	80	68	86	67	63	82	81	94	100	130	1126
NORWAY	130	16	31	37	38	40	51	55	66	72	85	104	127	99	158	1109
SPAIN	97	27	35	21	40	39	45	42	59	66	84	82	111	117	123	988
MALAYSIA	19	8	4	13	16	14	18	19	31	48	73	108	108	113	139	731
NEW ZEALAND	39	13	32	19	26	28	29	30	24	31	36	33	34	49	51	474
SOUTH AFRICA	74	16	20	11	17	19	20	16	20	18	21	12	23	17	23	327
BRAZIL	30	6	11	11	8	14	17	17	20	15	18	20	24	35	47	293
HUNGARY	26	4	12	10	5	13	8	31	10	17	18	19	24	23	36	256
MEXICO	19	4	4	11	11	11	13	20	26	29	22	19	12	14	32	247
CZECH REPUBLIC	1	2	4	4	6	5	13	15	9	12	11	16	26	18	34	176
BULGARIA	5						1	1	1	2	3	3	14	36	54	120
POLAND	5		3	2	1	3	3	2	6	9	12	14	22	19	17	118
GREECE	15	2	3	7	3	5	1	4	3	8	11	10	8	16	15	111
PHILIPPINES	5	2	3	4		2	2	11	9	9	12	12	7	14	17	109
Others (89)	245	31	46	44	57	72	79	68	80	81	131	107	109	138	191	1479
Ownership:																
U.S. Corporations	78461	17069	25593	26458	27448	29391	30149	31792	34483	31916	42085	37250	38940	42281	53323	546639
U.S. Government	2599	321	367	326	348	334	330	311	293	279	324	307	252	267	369	7027
U.S. Individuals	10215	1992	2611	2567	2630	2526	2441	2436	2463	2176	2962	2505	2400	2508	3530	45962
Foreign Corporations	81636	15963	23774	24064	24890	26950	29887	32086	34748	31597	41765	39556	41814	45380	58025	552135
Foreign Government	669	81	78	48	31	21	40	29	23	25	21	36	14	38	76	1230
Foreign Individuals	3877	735	1091	979	1035	1096	1209	1164	1104	1017	1253	1106	971	1179	1412	19228

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1991 - Dec 31, 2010) ----

	PERCENT OF PATENTS															
	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	49	51	51	52	52	52	51	50	50	51	51	49	48	48	48	50
Foreign Origin	51	49	49	48	48	48	49	50	50	49	49	51	52	52	52	50
JAPAN	34	31	30	28	27	26	27	27	26	26	25	25	24	24	23	27
GERMANY	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4
KOREA, SOUTH	2	3	4	4	3	3	3	3	4	4	4	5	6	7	7	4
TAIWAN	1	1	2	2	2	2	3	3	3	3	4	4	4	4	4	3
UNITED KINGDOM	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
FRANCE	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
CANADA	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
NETHERLANDS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ISRAEL		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SWEDEN	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1
FINLAND						1	1	1	1	1	1	1	1	1	1	1
ITALY	1	1	1	1	1	1	1	1	1	1	1		1			1
SWITZERLAND	1	1														0
CHINA, PEOPLE'S REPUB												1	1	1	1	0
AUSTRALIA											1	1	1			0
INDIA															1	0
SINGAPORE																0
BELGIUM																0
AUSTRIA																0
CHINA, HONG KONG S.A.																0
DENMARK																0
IRELAND																0
RUSSIAN FEDERATION																0
NORWAY																0
SPAIN																0
MALAYSIA																0
NEW ZEALAND																0
SOUTH AFRICA																0
BRAZIL																0
HUNGARY																0
MEXICO																0
CZECH REPUBLIC																0
BULGARIA																0
POLAND																0
GRECE																0
PHILIPPINES																0
Others (89)																0
Ownership:																
U.S. Corporations	44	47	48	49	49	49	47	47	47	48	48	46	46	46	46	47
U.S. Government	1	1	1	1	1	1	1									1
U.S. Individuals	6	6	5	5	5	4	4	4	3	3	3	3	3	3	3	4
Foreign Corporations	46	44	44	44	44	45	47	47	48	47	47	49	50	50	50	47
Foreign Government																0
Foreign Individuals	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2

Part A2

Patent Grants as Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1991 - Dec 31, 2010) ----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
Total	284163	65549	66918	73009	82299	89057	89714	89307	89844	86470	73707	51377	24957	5384	466	1172221
U.S. Origin	142319	34190	35609	38969	43426	45137	44720	43669	42973	40863	34162	23866	10926	2416	238	583483
Foreign Origin	141844	31359	31309	34040	38873	43920	44994	45638	46871	45607	39545	27511	14031	2968	228	588738
JAPAN	91167	18384	17180	17791	20431	22750	21543	21940	21982	22669	18528	13149	6766	1526	109	315915
GERMANY	10709	2272	2556	3218	3765	4192	4945	4266	4145	3531	2874	1779	788	147	4	49191
KOREA, SOUTH	6263	2340	2546	2165	2465	2835	3356	4281	5495	5500	5463	3548	1682	369	35	48343
TAIWAN	2884	1032	1258	1630	1627	2237	2930	3324	3846	3842	3991	3304	1941	360	29	34235
UNITED KINGDOM	5977	1367	1385	1578	1740	2025	2034	1735	1496	1215	927	593	306	55	4	22437
FRANCE	6738	1187	1205	1420	1609	1576	1719	1620	1364	1189	937	575	216	35		21390
CANADA	3903	1117	1260	1298	1474	1541	1641	1681	1706	1540	1440	934	448	127	13	20123
NETHERLANDS	2862	577	535	553	622	815	874	868	1016	601	441	189	78	8	1	10040
ISRAEL	1414	430	498	736	779	905	884	749	707	756	664	438	204	57	2	9223
SWEDEN	1703	693	708	737	772	698	587	532	465	356	301	182	65	10	1	7810
FINLAND	1050	363	352	601	773	879	684	629	580	422	320	165	70	10	1	6899
ITALY	1679	369	386	425	470	588	563	560	438	402	341	232	112	16		6581
SWITZERLAND	1640	265	261	366	366	443	468	427	372	347	309	202	154	23	2	5645
CHINA, PEOPLE'S REPUB	92	26	23	44	122	189	284	367	552	733	1039	726	478	81	13	4769
AUSTRALIA	648	135	223	222	381	337	445	444	509	388	196	185	126	33	4	4276
INDIA	54	12	20	77	118	161	255	365	373	418	373	292	150	19	3	2690
SINGAPORE	224	91	129	155	212	273	275	257	255	248	221	164	69	14	1	2588
BELGIUM	570	128	151	158	159	159	179	226	179	170	122	69	38	5		2313
AUSTRIA	403	77	94	147	136	192	235	231	218	194	167	132	53	7		2286
CHINA, HONG KONG S.A.	235	75	65	82	101	161	142	157	151	126	143	108	49	12		1607
DENMARK	201	69	73	132	109	194	209	136	128	106	105	40	22	7	2	1533
IRELAND	174	44	68	70	118	106	133	90	107	115	63	63	24	5		1180
RUSSIAN FEDERATION	155	71	74	87	110	114	70	107	88	79	83	51	21	13	3	1126
NORWAY	179	44	45	65	85	91	103	118	95	111	96	57	16	3	1	1109
SPAIN	167	28	32	58	62	94	90	106	92	111	71	54	18	5		988
MALAYSIA	30	20	9	24	22	30	38	90	123	114	98	84	46	3		731
NEW ZEALAND	91	23	28	29	42	51	51	51	40	27	18	18	3	2		474
SOUTH AFRICA	115	19	15	19	25	29	23	18	20	19	14	9	2			327
BRAZIL	50	9	10	17	16	21	28	38	37	24	20	17	5	1		293
HUNGARY	43	12	11	20	19	29	31	18	23	25	8	8	9			256
MEXICO	31	11	14	20	23	34	20	25	14	18	20	13	4			247
CZECH REPUBLIC	7	4	6	9	12	19	16	11	19	20	19	22	10	2		176
BULGARIA	5			1	1	1	3	13	56	27	8	2	2	1		120
POLAND	8	1	4	4	6	10	16	17	15	19	12	3	1	2		118
GREECE	24	4	8	4	1	4	10	12	11	10	12	7	4			111
PHILIPPINES	10	1	3	2	6	12	12	10	19	5	9	16	4			109
Others (89)	339	59	74	76	94	125	98	119	135	130	92	81	47	10		1479
Ownership:																
U.S. Corporations	130586	32164	33297	36355	40362	42501	42569	41341	40460	38962	32403	22556	10624	2246	213	546639
U.S. Government	3392	360	376	314	349	346	340	317	314	333	240	213	107	24	2	7027
U.S. Individuals	15448	2817	2625	2893	3212	2954	2902	2825	2675	2564	2327	1716	793	191	20	45962
Foreign Corporations	128133	29022	29545	32163	36966	41666	42361	43379	45222	43506	37769	26224	13103	2852	224	552135
Foreign Government	833	49	36	32	35	32	34	40	42	35	19	26	14	3		1230
Foreign Individuals	5771	1137	1039	1252	1375	1558	1508	1405	1131	1070	949	642	316	68	7	19228

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, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	5666	1420	2257	2224	2249	2662	2621	2814	2774	2540	3204	2755	3654	4344	5186	46370
Patents By Year of Application:	10383	3030	3128	3664	3690	3405	3025	3230	2999	2827	2357	2384	2065	178	5	46370
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	4661	974	1441	1257	1257	1218	1201	1296	1249	1320	1858	1558	1638	1678	1919	24525
Patents By Year of Application:	8316	1713	1277	1396	1300	1489	1263	1534	1577	1828	1260	936	494	132	10	24525
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	1585	438	949	1130	1029	1075	952	938	1171	1210	1814	2127	2769	2875	3730	23792
Patents By Year of Application:	3292	1198	1395	1122	1037	1210	1493	2186	2683	2703	2806	1803	746	112	6	23792
TOSHIBA CORPORATION																
Patents By Year of Grant:	4521	668	925	948	960	864	870	965	1085	1073	1400	1274	1355	1401	1778	20087
Patents By Year of Application:	6369	1061	1020	892	959	1140	1260	1271	1462	1329	1329	1132	630	229	4	20087
SONY CORPORATION																
Patents By Year of Grant:	2859	673	1108	1155	1119	1141	1189	1078	1078	949	1534	1225	1307	1477	1845	19737
Patents By Year of Application:	5101	1694	1313	1428	1433	1564	1261	1250	1188	1620	955	646	228	51	5	19737
HITACHI, LTD																
Patents By Year of Grant:	4118	664	851	790	794	904	1181	1360	1142	959	1397	1130	1094	887	1216	18487
Patents By Year of Application:	6016	839	757	1004	1218	1598	1436	1193	1350	1025	940	670	365	54	22	18487
FUJITSU LIMITED																
Patents By Year of Grant:	2759	773	1040	1023	957	1015	1037	1129	1125	1013	1339	1148	1303	1074	1188	17923
Patents By Year of Application:	5093	1245	1271	1118	1271	1441	1209	1037	1195	1326	914	501	242	55	5	17923
NEC CORPORATION																
Patents By Year of Grant:	3828	891	1377	1495	1576	1510	1439	1011	743	603	686	560	490	475	605	17289
Patents By Year of Application:	6307	1899	1908	1739	1452	1166	742	558	492	490	291	154	73	18	0	17289
INTEL CORPORATION																
Patents By Year of Grant:	1024	372	660	662	700	717	947	1394	1378	1293	1671	1572	1514	1325	1439	16668
Patents By Year of Application:	2419	922	1011	1265	1580	1589	1732	1807	1525	1240	927	466	150	30	5	16668
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	2892	526	731	763	794	1012	1148	1314	1432	1273	1791	1555	1183	32	8	16454
Patents By Year of Application:	4402	911	993	1192	1522	1733	1529	1602	1318	753	393	103	2	1	0	16454
MICROSOFT CORPORATION																
Patents By Year of Grant:	190	194	330	348	342	393	495	493	618	732	1451	1613	2011	2879	3039	15128
Patents By Year of Application:	956	501	634	760	1054	912	1080	1626	2670	2837	1371	552	148	23	4	15128

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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MITSUBISHI DENKI KABUSHIKI KAISHA

Patents By Year of Grant:	4052	683	877	809	772	854	1043	963	610	487	478	377	394	413	552	13364
Patents By Year of Application:	5744	911	807	845	1007	1136	805	484	476	401	336	275	112	23	2	13364

MOTOROLA, INC.

Patents By Year of Grant:	3984	849	1177	985	993	641	554	496	494	416	532	396	317	330	384	12548
Patents By Year of Application:	6299	1128	852	585	803	560	628	529	391	334	294	121	21	3	0	12548

MICRON TECHNOLOGY, INC.

Patents By Year of Grant:	293	157	339	528	659	833	946	946	1009	929	976	939	828	633	573	10588
Patents By Year of Application:	796	690	834	841	956	1048	1121	907	1011	837	867	398	215	66	1	10588

TEXAS INSTRUMENTS, INCORPORATED

Patents By Year of Grant:	1861	440	487	457	492	584	557	607	677	590	703	602	622	530	673	9882
Patents By Year of Application:	3029	583	519	626	656	767	761	736	550	575	459	339	213	61	8	9882

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

Patents By Year of Grant:	0	0	0	0	0	0	0	882	1245	1328	1703	1168	1159	992	1156	9633
Patents By Year of Application:	6	25	93	312	929	1728	1632	1854	1242	958	447	322	68	16	1	9633

SIEMENS AKTIENGESELLSCHAFT

Patents By Year of Grant:	1591	294	409	440	571	513	472	452	535	504	635	530	542	533	675	8696
Patents By Year of Application:	2317	532	619	711	658	715	700	597	600	477	394	229	127	20	0	8696

SHARP KABUSHIKI KAISHA (SHARP CORPORATION)

Patents By Year of Grant:	1852	311	460	398	451	414	404	384	435	387	583	544	487	534	656	8300
Patents By Year of Application:	2770	470	493	384	551	544	484	635	590	550	433	263	103	27	3	8300

LUCENT TECHNOLOGIES INC.

Patents By Year of Grant:	245	631	802	911	1078	895	600	581	505	389	541	418	387	4	0	7987
Patents By Year of Application:	1983	1079	1371	1160	778	399	379	457	230	107	33	11	0	0	0	7987

RICOH COMPANY, LTD.

Patents By Year of Grant:	1321	246	307	288	306	263	233	287	420	359	565	615	678	825	982	7695
Patents By Year of Application:	1940	324	320	354	351	442	538	684	643	665	695	490	212	37	0	7695

GENERAL ELECTRIC COMPANY

Patents By Year of Grant:	1874	250	296	292	310	461	526	402	416	387	482	433	445	491	575	7640
Patents By Year of Application:	2448	311	395	572	605	459	409	489	475	516	436	344	154	26	1	7640

SUN MICROSYSTEMS, INC.

Patents By Year of Grant:	362	148	415	540	449	421	481	539	658	625	765	602	505	550	196	7256
Patents By Year of Application:	1290	646	487	555	671	850	969	605	488	359	252	62	22	0	0	7256

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL	
SEIKO EPSON CORPORATION																	
Patents By Year of Grant:	507	136	183	154	187	247	312	446	489	538	764	734	773	843	882	7195	
Patents By Year of Application:	893	190	273	331	421	576	626	734	923	842	655	434	234	58	5	7195	
XEROX CORPORATION																	
Patents By Year of Grant:	1842	357	490	398	313	387	363	368	299	273	340	331	326	328	460	6875	
Patents By Year of Application:	2733	369	582	540	450	317	328	304	275	456	288	154	71	6	2	6875	
KONINKLIJKE PHILIPS ELECTRONICS N.V.																	
Patents By Year of Grant:	0	0	0	0	0	6	695	1112	1044	684	824	502	436	437	577	6317	
Patents By Year of Application:	39	33	162	546	966	1516	1201	692	548	353	189	60	7	5	0	6317	
EASTMAN KODAK COMPANY																	
Patents By Year of Grant:	1989	337	455	364	332	249	209	234	325	313	393	268	175	174	196	6013	
Patents By Year of Application:	2809	422	443	235	384	299	350	335	280	206	134	76	26	13	1	6013	
CISCO TECHNOLOGY, INC.																	
Patents By Year of Grant:	0	0	19	42	103	158	216	330	424	438	642	572	698	902	1109	5653	
Patents By Year of Application:	51	116	277	522	676	616	612	635	591	713	489	251	85	19	0	5653	
ADVANCED MICRO DEVICES, INC.																	
Patents By Year of Grant:	531	204	409	533	591	514	556	478	475	334	276	216	111	113	108	5449	
Patents By Year of Application:	1246	721	563	542	657	522	457	263	189	125	88	52	19	5	0	5449	
U.S. PHILIPS CORPORATION																	
Patents By Year of Grant:	2416	398	610	603	597	594	215	3	2	0	2	0	0	0	1	5441	
Patents By Year of Application:	3657	659	599	380	132	14	0	0	0	0	0	0	0	0	0	5441	
LG ELECTRONICS INC.																	
Patents By Year of Grant:	17	66	151	164	171	186	234	294	320	312	523	431	561	791	1140	5361	
Patents By Year of Application:	274	240	243	248	379	494	476	509	676	618	578	390	113	108	15	5361	
AT&T CORP.																	
Patents By Year of Grant:	2415	45	146	274	288	280	279	205	212	197	264	272	247	140	84	5348	
Patents By Year of Application:	2751	485	337	290	267	301	216	138	147	240	94	58	22	2	0	5348	
INFINEON TECHNOLOGIES AG																	
Patents By Year of Grant:	0	0	0	0	26	164	321	459	563	572	679	675	657	493	612	5221	
Patents By Year of Application:	4	7	59	121	349	653	827	719	724	758	564	317	102	17	0	5221	
HEWLETT-PACKARD COMPANY																	
Patents By Year of Grant:	1622	346	566	578	590	584	640	220	0	5	8	3	0	0	9	5171	
Patents By Year of Application:	2677	705	667	538	337	224	14	0	2	5	0	1	1	0	0	5171	

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL	
TELEFONAKTIEBOLAGET LM ERICSSON																	
Patents By Year of Grant:	378	106	192	346	437	469	484	451	384	326	353	247	262	247	387	5069	
Patents By Year of Application:	830	572	616	601	683	514	348	267	276	175	107	53	24	2	1	5069	
BROADCOM CORPORATION																	
Patents By Year of Grant:	0	2	2	0	6	42	74	166	296	408	655	524	634	709	954	4472	
Patents By Year of Application:	5	7	14	91	227	353	640	639	810	614	486	379	152	48	7	4472	
NIKON CORPORATION																	
Patents By Year of Grant:	955	409	496	307	220	220	194	251	199	165	132	122	148	143	201	4162	
Patents By Year of Application:	1804	432	226	237	280	255	169	157	114	184	152	87	54	7	4	4162	
FUJI PHOTO FILM CO., LTD																	
Patents By Year of Grant:	1026	173	214	226	219	252	282	363	435	355	453	146	5	6	0	4155	
Patents By Year of Application:	1505	277	270	356	464	463	312	258	163	75	12	0	0	0	0	4155	
NOKIA CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	5	41	201	348	323	586	662	596	638	744	4144	
Patents By Year of Application:	0	4	19	203	388	697	736	662	581	401	289	120	40	4	0	4144	
NORTEL NETWORKS LIMITED																	
Patents By Year of Grant:	0	0	0	88	376	455	400	429	489	372	314	268	270	245	180	3886	
Patents By Year of Application:	79	435	651	687	691	305	325	302	215	85	73	25	11	2	0	3886	
SANYO ELECTRIC CO., LTD.																	
Patents By Year of Grant:	445	94	167	150	144	182	219	226	261	237	373	319	320	321	361	3819	
Patents By Year of Application:	748	170	220	217	290	317	326	321	315	316	275	190	96	18	0	3819	
ROBERT BOSCH GMBH																	
Patents By Year of Grant:	541	69	115	171	219	277	276	282	336	277	262	278	192	212	307	3814	
Patents By Year of Application:	758	189	242	298	353	374	544	385	232	201	115	87	29	7	0	3814	
Panasonic Corporation																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	205	1432	1979	3616	
Patents By Year of Application:	0	0	3	2	9	23	67	213	521	793	777	664	433	103	8	3616	
DENSO CORPORATION																	
Patents By Year of Grant:	0	0	41	131	152	191	230	239	303	267	367	378	346	418	481	3544	
Patents By Year of Application:	50	131	166	211	214	300	317	333	351	464	435	370	177	23	2	3544	
QUALCOMM, INC.																	
Patents By Year of Grant:	98	45	82	105	98	171	195	178	282	200	398	276	286	353	654	3421	
Patents By Year of Application:	306	127	175	279	220	407	401	325	314	343	308	143	68	5	0	3421	

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	1096	126	243	298	247	221	182	172	191	140	164	109	48	38	32	3307
Patents By Year of Application:	1534	331	318	280	287	241	162	104	18	11	8	9	3	1	0	3307
FUJI XEROX CO., LTD.																
Patents By Year of Grant:	547	106	217	168	124	108	119	117	128	129	178	236	228	321	433	3159
Patents By Year of Application:	932	177	127	159	169	160	140	271	206	273	312	157	63	13	0	3159
RENESAS TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	11	707	482	484	407	413	273	280	3057
Patents By Year of Application:	2	2	11	25	77	218	572	593	379	388	349	281	126	34	0	3057
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	965	123	172	155	178	139	179	158	159	140	143	156	108	109	137	3021
Patents By Year of Application:	1330	187	175	131	158	171	162	162	142	130	100	106	50	16	1	3021
NATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	660	158	143	157	144	136	159	187	179	193	223	186	157	168	155	3005
Patents By Year of Application:	984	131	182	142	177	197	224	233	238	200	109	132	49	7	0	3005
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																
Patents By Year of Grant:	185	49	60	95	94	127	145	173	209	198	249	261	287	343	485	2960
Patents By Year of Application:	375	137	115	173	183	227	246	267	352	284	266	213	89	31	2	2960
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	247	76	117	130	208	223	261	300	327	213	196	118	147	163	224	2950
Patents By Year of Application:	480	201	252	276	291	378	262	251	131	135	119	107	55	11	1	2950
LSI LOGIC CORPORATION																
Patents By Year of Grant:	200	115	177	261	239	235	236	294	310	280	342	92	98	26	7	2912
Patents By Year of Application:	623	300	312	179	214	416	372	269	125	72	18	8	4	0	0	2912
OKI ELECTRIC INDUSTRY CO., LTD.																
Patents By Year of Grant:	448	55	112	168	190	241	251	217	210	235	249	213	174	78	59	2900
Patents By Year of Application:	633	223	252	213	259	230	282	273	208	166	102	41	13	5	0	2900
MURATA MANUFACTURING CO., LTD.																
Patents By Year of Grant:	363	95	145	202	213	229	312	305	253	169	124	79	124	130	143	2886
Patents By Year of Application:	628	215	205	235	330	287	253	208	134	71	48	119	105	39	9	2886
AGILENT TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	82	240	236	303	538	456	376	219	207	128	95	2880
Patents By Year of Application:	10	21	191	257	291	380	543	455	271	232	155	55	19	0	0	2880

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL	

HONEYWELL INTERNATIONAL INC.

Patents By Year of Grant:	0	0	0	0	33	117	142	163	276	210	291	288	354	386	494	2754
Patents By Year of Application:	12	21	75	106	209	234	284	272	351	432	376	261	108	13	0	2754

APPLE COMPUTER, INC.

Patents By Year of Grant:	405	197	247	165	84	94	72	74	90	82	104	109	178	274	534	2709
Patents By Year of Application:	1018	124	86	80	73	106	135	180	175	195	262	173	65	35	2	2709

OLYMPUS OPTICAL CO., LTD.

Patents By Year of Grant:	915	151	214	169	222	200	205	170	91	66	48	22	13	13	6	2505
Patents By Year of Application:	1345	189	203	215	215	158	90	47	15	13	9	5	1	0	0	2505

HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)

Patents By Year of Grant:	326	92	114	121	125	148	149	120	158	167	185	184	176	179	255	2499
Patents By Year of Application:	534	122	151	122	195	148	219	232	216	225	143	120	57	12	3	2499

HYNIX SEMICONDUCTOR INC.

Patents By Year of Grant:	0	0	0	0	0	3	44	121	160	190	286	274	294	394	685	2451
Patents By Year of Application:	1	1	5	10	26	129	207	222	310	303	375	456	358	44	4	2451

XILINX, INC.

Patents By Year of Grant:	105	60	76	92	114	122	140	130	129	168	255	229	239	257	256	2372
Patents By Year of Application:	239	109	108	113	181	144	197	259	288	276	194	144	76	40	4	2372

BROTHER KOGYO KABUSHIKI KAISHA

Patents By Year of Grant:	508	72	84	104	80	86	55	52	72	63	102	128	210	265	411	2292
Patents By Year of Application:	698	120	120	71	57	52	74	149	166	216	308	152	86	23	0	2292

BOEING COMPANY

Patents By Year of Grant:	264	33	43	33	35	53	70	101	167	170	245	211	219	283	333	2260
Patents By Year of Application:	370	28	37	47	76	183	239	289	234	259	266	157	63	12	0	2260

YAMAHA CORPORATION

Patents By Year of Grant:	593	103	148	151	80	77	91	77	83	110	135	139	161	159	143	2250
Patents By Year of Application:	863	147	103	91	117	135	142	168	134	147	81	72	50	0	0	2250

ALCATEL

Patents By Year of Grant:	0	0	0	41	189	252	230	227	266	195	234	149	149	126	85	2143
Patents By Year of Application:	6	101	307	373	311	283	244	186	179	99	50	3	0	1	0	2143

INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN

Patents By Year of Grant:	247	59	124	106	100	81	105	96	101	78	150	139	188	267	300	2141
Patents By Year of Application:	433	113	104	117	107	114	119	142	171	200	232	178	94	16	1	2141

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	18	24	55	74	60	89	113	127	128	183	248	269	220	211	274	2093
Patents By Year of Application:	78	84	65	97	94	129	201	240	358	261	239	180	58	8	1	2093
TDK CORPORATION																
Patents By Year of Grant:	142	23	33	51	80	120	137	129	114	97	201	229	224	229	243	2052
Patents By Year of Application:	199	58	106	137	139	157	107	155	272	237	245	163	63	14	0	2052
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	228	55	68	111	132	190	164	197	199	173	153	143	118	75	42	2048
Patents By Year of Application:	361	138	128	184	217	230	169	187	152	139	70	44	22	4	3	2048
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE																
Patents By Year of Grant:	50	38	92	99	94	56	76	81	63	91	153	181	229	279	432	2014
Patents By Year of Application:	198	113	126	62	71	93	168	227	263	273	245	112	54	9	0	2014
ROHM COMPANY LIMITED																
Patents By Year of Grant:	406	78	94	87	94	108	125	110	117	102	140	122	136	107	143	1969
Patents By Year of Application:	596	100	99	111	141	123	118	139	169	163	96	63	46	5	0	1969
RAYTHEON COMPANY																
Patents By Year of Grant:	266	15	85	164	145	144	115	137	149	106	166	93	97	126	140	1948
Patents By Year of Application:	476	181	106	100	123	146	166	147	139	130	94	88	44	8	0	1948
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	849	124	209	215	179	163	184	6	4	0	0	0	0	0	0	1933
Patents By Year of Application:	1180	235	183	151	134	49	1	0	0	0	0	0	0	0	0	1933
NEC ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	188	204	164	179	222	233	332	411	1933
Patents By Year of Application:	0	0	7	42	112	162	184	209	187	344	311	212	135	27	1	1933
ALTERA CORPORATION																
Patents By Year of Grant:	92	28	48	64	95	111	84	62	83	109	193	257	251	217	236	1930
Patents By Year of Application:	181	100	84	82	77	97	148	209	271	252	199	137	76	17	0	1930
MEDTRONIC INC.																
Patents By Year of Grant:	276	36	109	100	116	95	94	86	99	97	161	163	87	141	239	1899
Patents By Year of Application:	400	118	121	118	132	174	148	213	135	138	130	62	6	4	0	1899
EMC CORPORATION																
Patents By Year of Grant:	35	21	57	65	74	83	91	130	123	127	155	161	183	245	305	1855
Patents By Year of Application:	164	96	97	118	171	184	153	140	208	166	239	106	12	1	0	1855

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
Fujifilm Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	333	428	493	565	1819
Patents By Year of Application:	0	1	2	4	37	70	107	190	246	405	397	200	132	27	1	1819
ERICSSON, INC.																
Patents By Year of Grant:	33	66	200	277	300	256	247	178	109	59	46	24	8	2	1	1806
Patents By Year of Application:	473	355	366	303	159	103	33	8	5	0	1	0	0	0	0	1806
DELL PRODUCTS, L.P.																
Patents By Year of Grant:	155	80	94	80	80	118	96	121	116	119	106	119	147	177	170	1778
Patents By Year of Application:	341	104	85	191	119	138	99	153	122	149	131	98	41	7	0	1778
COMPAQ COMPUTER CORPORATION, INC.																
Patents By Year of Grant:	329	116	236	242	302	346	155	23	0	0	0	0	0	0	0	1749
Patents By Year of Application:	829	358	381	122	48	10	1	0	0	0	0	0	0	0	0	1749
NCR CORPORATION																
Patents By Year of Grant:	342	62	133	152	106	107	138	136	112	75	105	95	71	66	44	1744
Patents By Year of Application:	629	182	138	155	173	145	114	42	48	65	33	11	8	1	0	1744
UNISYS CORPORATION																
Patents By Year of Grant:	499	101	114	83	83	88	106	84	109	82	102	77	87	51	38	1704
Patents By Year of Application:	752	130	132	149	113	89	102	112	57	37	18	8	4	1	0	1704
LOCKHEED MARTIN CORPORATION																
Patents By Year of Grant:	12	33	64	82	102	89	103	111	121	137	164	167	152	151	201	1689
Patents By Year of Application:	159	72	98	120	105	175	175	192	166	144	142	78	58	5	0	1689
PIONEER ELECTRONIC CORPORATION																
Patents By Year of Grant:	943	101	124	128	122	111	63	33	26	11	8	5	7	3	3	1688
Patents By Year of Application:	1182	157	149	136	16	16	15	8	7	1	1	0	0	0	0	1688
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	291	59	100	87	87	79	100	112	121	128	144	96	76	92	98	1670
Patents By Year of Application:	498	78	102	100	116	166	131	134	99	100	79	42	23	1	1	1670
PIONEER CORPORATION																
Patents By Year of Grant:	0	0	0	0	3	40	118	189	224	201	248	209	150	135	135	1652
Patents By Year of Application:	0	1	5	106	217	285	310	249	181	195	66	33	2	2	0	1652
LG. PHILIPS LCD CO., LTD.																
Patents By Year of Grant:	0	0	0	0	7	45	106	166	238	264	302	333	189	0	1	1651
Patents By Year of Application:	3	8	42	71	196	273	296	326	309	93	27	7	0	0	0	1651

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	0	0	3	52	125	179	211	175	133	144	139	137	121	88	125	1632
Patents By Year of Application:	24	39	136	178	214	224	169	186	136	131	95	62	36	2	0	1632
HON HAI PRECISION IND. CO., LTD.																
Patents By Year of Grant:	1	0	1	12	30	46	76	93	157	77	152	125	203	292	365	1630
Patents By Year of Application:	2	4	28	57	54	110	168	117	190	134	330	253	158	23	2	1630
DIGITAL EQUIPMENT CORPORATION																
Patents By Year of Grant:	1112	128	157	120	91	15	0	0	0	0	0	0	0	0	0	1623
Patents By Year of Application:	1442	129	47	5	0	0	0	0	0	0	0	0	0	0	0	1623
AGERE SYSTEMS INC.																
Patents By Year of Grant:	0	0	0	0	0	10	35	247	223	144	211	171	163	189	221	1614
Patents By Year of Application:	1	7	43	207	210	228	147	142	178	170	160	75	42	4	0	1614
SUMITOMO ELECTRIC INDUSTRIES, LTD.																
Patents By Year of Grant:	499	55	55	43	55	52	93	102	102	109	103	87	87	88	84	1614
Patents By Year of Application:	622	51	48	51	106	111	118	149	105	91	79	50	21	10	2	1614
NOKIA MOBILE PHONES LTD.																
Patents By Year of Grant:	170	42	103	149	160	178	193	192	161	103	93	16	5	5	3	1573
Patents By Year of Application:	410	235	213	225	278	171	19	8	9	5	0	0	0	0	0	1573
HARRIS CORP.																
Patents By Year of Grant:	327	86	100	102	58	82	76	70	85	118	85	80	80	96	102	1547
Patents By Year of Application:	540	82	85	73	85	84	118	148	75	73	109	55	16	4	0	1547
CYPRESS SEMICONDUCTOR CORP.																
Patents By Year of Grant:	46	45	94	106	100	92	108	158	140	117	146	103	95	59	131	1540
Patents By Year of Application:	214	133	86	112	172	234	192	22	139	78	94	50	12	2	0	1540
HUGHES AIRCRAFT COMPANY																
Patents By Year of Grant:	1405	83	30	6	1	0	0	0	0	0	0	0	0	0	0	1525
Patents By Year of Application:	1523	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1525
HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	39	102	143	222	236	243	288	251	1524
Patents By Year of Application:	0	1	7	5	32	99	116	210	289	333	255	126	48	3	0	1524
FREESCALE SEMICONDUCTOR, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	91	172	210	218	228	252	350	1521
Patents By Year of Application:	0	1	0	7	42	71	170	209	169	285	249	179	105	30	4	1521

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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SAP AKTIENGESELLSCHAFT

Patents By Year of Grant:	0	0	0	0	2	7	7	2	8	19	52	149	244	380	647	1517
Patents By Year of Application:	0	0	12	4	3	19	157	291	432	311	184	83	18	3	0	1517

ANALOG DEVICES, INC.

Patents By Year of Grant:	212	68	66	57	50	60	57	105	109	113	124	136	107	78	135	1477
Patents By Year of Application:	360	51	59	65	76	102	167	107	150	113	84	75	56	11	1	1477

EATON CORPORATION

Patents By Year of Grant:	344	72	99	118	97	86	88	69	70	64	74	62	76	89	59	1467
Patents By Year of Application:	500	100	103	100	103	69	68	81	84	79	76	78	21	5	0	1467

SAMSUNG SDI CO., LTD.

Patents By Year of Grant:	0	0	0	0	0	13	68	70	100	69	102	230	339	285	190	1466
Patents By Year of Application:	0	0	3	20	90	84	102	136	336	377	217	87	12	2	0	1466

TOYOTA JIDOSHA K.K.

Patents By Year of Grant:	154	39	79	105	85	82	74	57	61	68	90	86	102	134	238	1454
Patents By Year of Application:	285	111	91	71	74	83	65	108	126	141	170	89	33	7	0	1454

NISSAN MOTOR COMPANY, LIMITED

Patents By Year of Grant:	349	35	45	51	72	78	87	71	83	93	113	70	72	85	101	1405
Patents By Year of Application:	438	54	73	55	77	98	112	120	121	132	54	60	10	1	0	1405

HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.

Patents By Year of Grant:	138	87	122	149	199	323	188	93	72	14	9	2	1	0	0	1397
Patents By Year of Application:	355	189	242	282	230	68	20	4	3	2	2	0	0	0	0	1397

VICTOR COMPANY OF JAPAN, LIMITED

Patents By Year of Grant:	378	54	72	74	74	55	54	61	79	69	84	78	89	81	77	1379
Patents By Year of Application:	527	84	85	65	62	102	53	88	83	60	67	50	40	13	0	1379

STMICROELECTRONICS S.A.

Patents By Year of Grant:	0	0	1	21	67	86	116	123	128	123	146	140	129	137	158	1375
Patents By Year of Application:	7	2	93	141	170	118	178	169	146	121	122	78	26	4	0	1375

DELPHI TECHNOLOGIES, INC.

Patents By Year of Grant:	0	0	0	2	19	88	174	172	158	127	143	131	116	129	106	1365
Patents By Year of Application:	2	2	16	100	185	187	178	165	144	179	101	83	21	2	0	1365

ORACLE INTERNATIONAL CORPORATION

Patents By Year of Grant:	0	0	0	0	0	0	2	36	93	93	174	168	201	203	371	1341
Patents By Year of Application:	0	4	3	36	110	193	224	215	196	163	99	84	14	0	0	1341

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
3COM CORPORATION																
Patents By Year of Grant:	43	22	34	80	129	194	158	190	181	87	83	33	34	31	22	1321
Patents By Year of Application:	120	144	248	303	235	129	63	40	21	10	6	1	1	0	0	1321
CARDIAC PACEMAKERS, INC.																
Patents By Year of Grant:	76	11	20	27	52	58	84	86	70	96	126	140	125	150	193	1314
Patents By Year of Application:	99	31	57	92	121	129	133	161	160	167	104	45	11	2	2	1314
CASIO COMPUTER CO. LTD.																
Patents By Year of Grant:	398	47	65	71	72	61	48	31	33	26	43	57	79	143	136	1310
Patents By Year of Application:	544	88	82	44	53	31	33	60	90	96	91	67	21	10	0	1310
NORTHROP GRUMMAN CORPORATION																
Patents By Year of Grant:	108	55	114	86	69	41	55	107	133	112	128	98	85	73	28	1292
Patents By Year of Application:	283	100	82	60	118	119	100	147	93	106	67	12	3	1	1	1292
LG Display Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	214	482	594	1290
Patents By Year of Application:	0	0	1	1	5	24	25	47	215	345	416	130	57	22	2	1290
RESEARCH IN MOTION LIMITED																
Patents By Year of Grant:	3	3	6	4	7	8	15	12	14	24	80	125	198	303	471	1273
Patents By Year of Application:	14	6	5	10	17	39	57	85	282	251	239	146	66	49	7	1273
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	305	47	70	64	54	53	73	74	61	66	68	74	68	73	94	1244
Patents By Year of Application:	451	61	73	70	78	76	90	87	57	69	77	34	19	2	0	1244
ASML NETHERLANDS B.V.																
Patents By Year of Grant:	4	1	1	3	7	6	30	33	62	82	203	195	246	180	182	1235
Patents By Year of Application:	7	5	8	14	35	37	60	153	411	210	184	72	33	5	1	1235
ADVANTEST CORP.																
Patents By Year of Grant:	75	39	74	71	60	90	108	81	67	50	76	90	106	111	134	1232
Patents By Year of Application:	187	83	94	119	83	84	55	75	93	105	100	95	48	11	0	1232
OLYMPUS CORPORATION																
Patents By Year of Grant:	4	0	0	0	0	0	0	3	129	106	172	185	218	209	206	1232
Patents By Year of Application:	5	0	11	16	38	31	128	173	250	236	157	113	64	10	0	1232
YAZAKI CORP.																
Patents By Year of Grant:	166	42	76	74	70	97	106	126	90	67	63	61	60	58	54	1210
Patents By Year of Application:	285	82	78	81	128	105	111	83	76	67	47	42	24	1	0	1210

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

Pre

1997 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 TOTAL

SYMBOL TECHNOLOGIES, INC.

Patents By Year of Grant: 180 44 62 62 47 38 38 59 79 57 118 118 107 98 97 1204

Patents By Year of Application: 304 67 57 37 86 91 85 99 108 110 89 56 14 1 0 1204

FUJINON CORPORATION (FORMERLY FUJI PHOTO OPTICAL CO. LTD.)

Patents By Year of Grant: 117 51 71 65 92 77 80 90 94 64 74 68 66 93 93 1195

Patents By Year of Application: 219 77 72 104 94 76 100 87 74 70 81 79 46 15 1 1195

INTERDIGITAL TECHNOLOGY CORPORATION

Patents By Year of Grant: 37 19 14 22 17 27 40 54 103 106 181 137 135 158 140 1190

Patents By Year of Application: 77 30 12 31 39 90 241 158 173 155 86 44 39 15 0 1190

SCHLUMBERGER TECHNOLOGY CORPORATION

Patents By Year of Grant: 193 25 26 34 63 48 54 79 78 79 93 76 81 115 145 1189

Patents By Year of Application: 250 53 59 58 72 79 119 105 75 83 110 89 32 5 0 1189

VIA TECHNOLOGIES, INC.

Patents By Year of Grant: 0 0 0 2 15 18 42 48 104 117 179 182 161 177 143 1188

Patents By Year of Application: 1 0 19 44 43 72 175 169 194 155 199 85 24 8 0 1188

GENERAL MOTORS CORPORATION

Patents By Year of Grant: 317 43 42 43 39 53 48 54 71 87 147 113 75 53 2 1187

Patents By Year of Application: 412 30 36 37 71 74 110 157 181 62 14 3 0 0 0 1187

MARVELL INTERNATIONAL LTD.

Patents By Year of Grant: 0 0 0 0 0 5 21 17 27 51 107 160 178 241 379 1186

Patents By Year of Application: 0 0 1 3 51 21 89 117 169 160 191 217 137 28 2 1186

KONICA CORPORATION

Patents By Year of Grant: 433 48 62 65 60 65 80 61 96 62 62 43 22 10 5 1174

Patents By Year of Application: 544 67 86 70 77 88 108 104 5 11 5 6 3 0 0 1174

SEIKO INSTRUMENTS INC.

Patents By Year of Grant: 214 33 41 47 73 108 108 110 95 43 49 50 44 73 77 1165

Patents By Year of Application: 326 46 81 105 113 105 71 58 43 56 59 58 35 9 0 1165

UNITED STATES OF AMERICA, ARMY

Patents By Year of Grant: 410 67 72 56 61 61 46 36 34 37 61 47 35 43 51 1117

Patents By Year of Application: 557 56 60 68 54 34 40 40 64 64 34 31 14 1 0 1117

CIRRUS LOGIC, INC.

Patents By Year of Grant: 115 84 127 108 100 81 84 83 44 45 40 62 42 33 44 1092

Patents By Year of Application: 391 138 96 75 68 53 42 39 42 51 49 32 12 4 0 1092

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
SILVERBROOK RESEARCH PTY. LTD																
Patents By Year of Grant:	0	0	0	0	3	10	15	26	68	70	165	185	164	149	231	1086
Patents By Year of Application:	0	0	44	8	134	7	100	118	223	165	65	98	94	26	4	1086
AU OPTRONICS CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	7	29	58	79	137	147	138	192	287	1074
Patents By Year of Application:	0	0	0	1	11	36	38	158	198	180	208	131	85	22	6	1074
THOMSON LICENSING																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	24	229	203	185	179	251	1072
Patents By Year of Application:	0	6	11	35	83	150	190	228	194	90	54	22	7	1	1	1072
HONEYWELL INC.																
Patents By Year of Grant:	652	75	92	84	63	38	22	17	12	4	2	0	0	0	0	1061
Patents By Year of Application:	841	101	63	42	8	3	3	0	0	0	0	0	0	0	0	1061
VIDIA CORPORATION																
Patents By Year of Grant:	0	10	11	5	6	14	15	25	42	50	101	108	174	267	228	1056
Patents By Year of Application:	18	8	16	24	32	51	91	148	173	193	181	96	18	7	0	1056
FANUC LTD.																
Patents By Year of Grant:	485	38	56	39	35	43	27	20	23	42	68	61	41	31	42	1051
Patents By Year of Application:	577	54	49	44	16	18	28	50	64	68	46	24	13	0	0	1051
APPLIED MATERIALS, INC.																
Patents By Year of Grant:	65	20	47	50	52	63	106	116	77	79	88	61	71	67	83	1045
Patents By Year of Application:	150	58	68	101	110	96	102	65	78	73	64	65	11	3	1	1045
NIPPON TELEGRAPH & TELEPHONE CORP.																
Patents By Year of Grant:	228	53	78	50	52	70	45	53	58	45	72	60	51	59	64	1038
Patents By Year of Application:	372	79	71	69	71	55	79	64	89	47	23	11	6	2	0	1038
PACESETTER, INC.																
Patents By Year of Grant:	69	39	76	41	29	45	70	66	75	71	90	105	65	69	119	1029
Patents By Year of Application:	175	51	34	61	60	134	116	78	98	94	72	50	3	3	0	1029
CORNING INCORPORATED																
Patents By Year of Grant:	101	26	24	30	31	82	134	129	117	58	71	57	43	53	67	1023
Patents By Year of Application:	147	33	39	111	124	132	124	71	53	52	39	55	34	9	0	1023
AT& T Intellectual Property I, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	134	412	471	1017
Patents By Year of Application:	0	0	0	5	11	34	60	139	141	213	186	129	77	22	0	1017

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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3M INNOVATIVE PROPERTIES COMPANY

Patents By Year of Grant:	0	0	0	19	59	50	66	96	97	87	124	113	115	81	105	1012
Patents By Year of Application:	16	38	53	64	84	121	114	130	106	101	112	41	26	5	1	1012

TRW INC.

Patents By Year of Grant:	221	42	71	116	146	172	137	68	24	9	6	0	0	0	0	1012
Patents By Year of Application:	374	117	145	178	120	63	15	0	0	0	0	0	0	0	0	1012

SAMSUNG ELECTRO-MECHANICS CO., LTD.

Patents By Year of Grant:	19	12	32	18	14	23	26	58	56	62	97	119	135	167	168	1006
Patents By Year of Application:	66	22	12	23	17	61	71	92	123	122	172	129	87	9	0	1006

PITNEY-BOWES, INC.

Patents By Year of Grant:	242	44	78	54	51	46	46	48	68	68	59	41	57	44	58	1004
Patents By Year of Application:	414	65	59	85	65	67	68	58	38	36	33	13	3	0	0	1004

NTT DOCOMO, INC.

Patents By Year of Grant:	0	0	0	0	1	0	4	6	18	65	134	143	152	201	277	1001
Patents By Year of Application:	1	1	2	9	36	109	167	172	146	151	129	55	18	5	0	1001

SANDISK CORPORATION

Patents By Year of Grant:	9	9	7	16	17	25	20	34	35	61	77	124	201	214	148	997
Patents By Year of Application:	28	15	28	19	25	48	63	69	88	160	235	141	60	18	0	997

SPRINT COMMUNICATIONS COMPANY L.P.

Patents By Year of Grant:	8	2	14	13	22	29	42	54	84	69	106	111	115	125	202	996
Patents By Year of Application:	44	16	52	52	89	78	128	140	129	115	86	46	20	1	0	996

KOITO MANUFACTURING COMPANY LIMITED

Patents By Year of Grant:	175	34	38	39	52	56	75	85	58	49	63	82	68	52	63	989
Patents By Year of Application:	256	36	57	45	74	72	76	76	68	88	63	51	25	2	0	989

UNITED MICROELECTRONICS CORPORATION

Patents By Year of Grant:	105	75	84	76	76	91	75	62	27	40	44	50	53	52	76	986
Patents By Year of Application:	267	63	86	91	70	64	44	35	65	61	40	59	37	4	0	986

BRITISH TELECOMMUNICATION, PLC

Patents By Year of Grant:	241	34	70	78	69	90	55	46	31	31	40	56	45	47	52	985
Patents By Year of Application:	404	80	180	37	74	78	48	35	26	11	9	3	0	0	0	985

FUNAI ELECTRIC CO., LTD.

Patents By Year of Grant:	24	10	10	13	20	31	29	28	50	51	94	102	116	200	203	981
Patents By Year of Application:	49	15	40	31	33	54	72	79	129	190	160	93	32	4	0	981

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
NORTHERN TELECOM LIMITED																
Patents By Year of Grant:	405	60	184	222	67	19	11	2	1	0	0	0	0	0	0	971
Patents By Year of Application:	719	200	49	3	0	0	0	0	0	0	0	0	0	0	0	971
TEKTRONIX INC.																
Patents By Year of Grant:	309	35	43	56	43	51	50	50	52	44	33	47	44	40	44	941
Patents By Year of Application:	395	67	77	29	61	56	52	42	42	50	38	22	10	0	0	941
BELLSOUTH INTELLECTUAL PROPERTY CORPORATION																
Patents By Year of Grant:	0	0	0	12	19	23	46	82	167	165	288	113	3	1	1	920
Patents By Year of Application:	9	27	30	93	157	207	220	102	53	16	6	0	0	0	0	920
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	91	26	24	28	35	38	46	38	58	63	89	73	72	108	122	911
Patents By Year of Application:	144	33	38	29	54	63	73	92	81	65	103	85	47	4	0	911
GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC																
Patents By Year of Grant:	0	0	0	0	0	23	127	118	152	125	109	68	74	60	46	902
Patents By Year of Application:	0	0	9	48	129	142	198	152	78	38	45	30	29	4	0	902
MACRONIX INTERNATIONAL CO., LTD.																
Patents By Year of Grant:	15	10	18	24	28	25	43	76	68	57	73	92	104	110	145	888
Patents By Year of Application:	43	23	24	36	14	70	103	70	88	106	127	121	56	7	0	888
AVAYA TECHNOLOGY CORP.																
Patents By Year of Grant:	0	0	0	0	3	103	89	81	71	42	70	68	74	79	199	879
Patents By Year of Application:	8	16	89	154	109	42	93	90	91	98	54	23	12	0	0	879
Alcatel-Lucent USA Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	27	401	437	865
Patents By Year of Application:	0	0	1	3	15	19	38	123	179	200	179	73	29	6	0	865
OMRON CORPORATION																
Patents By Year of Grant:	141	18	42	19	22	24	32	37	59	65	87	96	79	68	75	864
Patents By Year of Application:	215	28	17	29	31	65	73	99	74	71	106	43	12	1	0	864
ADOBE SYSTEMS, INC.																
Patents By Year of Grant:	27	8	19	28	31	41	27	28	42	40	56	56	86	145	227	861
Patents By Year of Application:	76	54	53	53	57	53	57	68	63	114	115	64	25	9	0	861
STMICROELECTRONICS, INC.																
Patents By Year of Grant:	0	0	33	93	93	72	74	91	82	52	71	59	58	28	51	857
Patents By Year of Application:	76	110	97	90	99	93	71	68	71	30	26	16	7	3	0	857

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

Pre

1997 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 TOTAL

MEDIATEK INC.

Patents By Year of Grant: 0 0 0 1 3 3 1 5 24 31 106 126 164 156 228 848

Patents By Year of Application: 0 2 4 5 3 16 65 109 141 146 157 112 67 18 3 848

UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Patents By Year of Grant: 315 38 37 26 33 38 32 37 46 41 38 37 28 46 55 847

Patents By Year of Application: 390 30 47 30 47 39 45 47 40 42 46 22 17 5 0 847

COMMISSARIAT A L'ENERGIE ATOMIQUE

Patents By Year of Grant: 178 43 46 35 28 41 43 31 47 47 46 42 55 63 96 841

Patents By Year of Application: 270 36 37 56 48 47 59 75 59 62 31 40 21 0 0 841

DAEWOO ELECTRONICS COMPANY, LTD.

Patents By Year of Grant: 151 135 184 169 84 44 11 1 3 11 11 8 12 8 7 839

Patents By Year of Application: 480 171 112 12 4 2 7 6 21 9 10 5 0 0 0 839

SHARP LABORATORIES OF AMERICA, INC.

Patents By Year of Grant: 0 0 2 15 21 36 46 59 54 72 111 117 106 77 117 833

Patents By Year of Application: 2 26 42 98 74 98 83 114 119 68 51 40 17 0 1 833

CALIFORNIA INSTITUTE OF TECHNOLOGY

Patents By Year of Grant: 114 18 35 47 52 60 45 65 60 59 65 52 49 43 61 825

Patents By Year of Application: 192 48 66 59 65 80 60 56 49 55 55 22 17 1 0 825

UNITED STATES OF AMERICA, AIR FORCE

Patents By Year of Grant: 367 49 44 44 34 52 34 30 20 23 31 25 21 24 26 824

Patents By Year of Application: 473 44 42 42 30 35 26 23 25 43 16 19 6 0 0 824

FORD MOTOR COMPANY

Patents By Year of Grant: 387 79 66 47 29 12 8 26 36 25 20 14 23 16 19 807

Patents By Year of Application: 525 51 26 15 64 12 28 32 14 18 16 4 1 0 1 807

NXP B.V.

Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 4 169 177 247 205 802

Patents By Year of Application: 0 0 0 2 5 29 80 208 248 131 68 22 8 1 0 802

Hong Fu Jin Precision Industry (Shenzhen) Co., Ltd.

Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 20 80 163 214 320 797

Patents By Year of Application: 0 0 0 0 0 0 5 4 79 121 240 197 130 20 1 797

HAMAMATSU PHOTONICS KABUSHIKI KAISHA

Patents By Year of Grant: 178 47 34 42 11 13 23 46 38 48 67 48 48 65 83 791

Patents By Year of Application: 252 58 6 9 48 55 77 66 92 57 40 21 7 3 0 791

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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WINBOND ELECTRONICS CORP.

Patents By Year of Grant:	25	14	41	78	85	77	80	57	76	54	57	43	23	9	8	727
Patents By Year of Application:	82	72	122	93	60	70	86	53	40	24	16	7	2	0	0	727

PHILIPS ELECTRONICS NORTH AMERICA CORP.

Patents By Year of Grant:	103	64	110	110	120	154	61	1	1	0	0	1	0	0	0	725
Patents By Year of Application:	332	136	121	87	44	5	0	0	0	0	0	0	0	0	0	725

FUJI ELECTRIC CO., LTD.

Patents By Year of Grant:	290	52	46	59	41	32	45	47	48	27	16	6	3	1	0	713
Patents By Year of Application:	393	56	34	32	48	56	49	34	5	4	1	1	0	0	0	713

HUGHES ELECTRONICS CORP.

Patents By Year of Grant:	2	1	70	104	120	140	121	61	52	26	10	0	3	1	0	711
Patents By Year of Application:	119	116	144	127	138	43	18	5	1	0	0	0	0	0	0	711

GENERAL INSTRUMENT CORPORATION

Patents By Year of Grant:	152	29	30	26	24	23	28	33	49	52	60	52	48	34	70	710
Patents By Year of Application:	225	26	36	43	77	63	61	44	49	42	29	11	4	0	0	710

NIPPONDENSO CO., LTD.

Patents By Year of Grant:	337	132	167	43	15	6	3	1	0	0	0	0	0	0	0	704
Patents By Year of Application:	672	22	5	2	1	2	0	0	0	0	0	0	0	0	0	704

NGK INSULATORS LTD.

Patents By Year of Grant:	131	25	22	25	28	48	54	56	50	41	45	43	49	48	38	703
Patents By Year of Application:	192	28	29	46	54	60	57	51	39	53	34	42	13	5	0	703

ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Patents By Year of Grant:	0	0	0	0	0	8	48	55	54	49	80	84	69	104	148	699
Patents By Year of Application:	0	1	12	40	73	57	60	89	81	92	104	71	16	3	0	699

WESTINGHOUSE ELECTRIC CORP.

Patents By Year of Grant:	633	25	26	3	0	0	0	0	0	0	0	0	0	0	0	687
Patents By Year of Application:	678	9	0	0	0	0	0	0	0	0	0	0	0	0	0	687

NOKIA TELECOMMUNICATIONS OYJ

Patents By Year of Grant:	68	47	91	116	110	104	93	43	8	2	1	1	0	1	0	685
Patents By Year of Application:	277	138	131	133	3	2	0	1	0	0	0	0	0	0	0	685

INTERNATIONAL RECTIFIER CORPORATION

Patents By Year of Grant:	40	15	34	23	25	31	37	42	55	53	57	72	78	76	45	683
Patents By Year of Application:	77	36	32	29	33	46	52	80	66	92	69	52	19	0	0	683

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
JUNIPER NETWORKS, INC.																
Patents By Year of Grant:	0	0	0	2	0	1	6	12	13	44	86	82	80	136	220	682
Patents By Year of Application:	1	2	3	19	35	103	116	50	60	75	89	80	38	10	1	682
PENTAX CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	12	142	163	142	113	76	26	0	0	674
Patents By Year of Application:	0	3	11	37	61	143	131	126	85	56	18	3	0	0	0	674
TRIMBLE NAVIGATION, LTD.																
Patents By Year of Grant:	80	44	62	70	79	54	46	38	30	20	22	34	22	36	32	669
Patents By Year of Application:	202	91	66	62	44	30	18	36	26	35	29	20	8	2	0	669
FINISAR CORPORATION																
Patents By Year of Grant:	5	1	0	1	1	1	5	22	43	86	105	99	102	98	98	667
Patents By Year of Application:	6	1	3	3	19	54	104	147	116	107	38	45	22	2	0	667
ROCKWELL COLLINS, INC.																
Patents By Year of Grant:	0	0	0	2	24	48	73	57	52	37	50	53	59	115	96	666
Patents By Year of Application:	1	9	29	81	96	53	46	58	77	77	81	40	18	0	0	666
FRANCE TELECOM																
Patents By Year of Grant:	127	30	57	43	34	30	19	22	33	18	30	43	44	51	82	663
Patents By Year of Application:	225	50	37	29	62	47	54	45	62	32	15	3	2	0	0	663
SGS-THOMSON MICROELECTRONICS S.A.																
Patents By Year of Grant:	222	80	110	105	76	33	13	8	2	4	2	0	0	0	0	655
Patents By Year of Application:	451	122	61	9	6	2	0	1	3	0	0	0	0	0	0	655
STORAGE TECHNOLOGY CORPORATION																
Patents By Year of Grant:	134	15	13	25	42	50	50	50	67	52	60	42	31	17	7	655
Patents By Year of Application:	170	34	38	77	78	65	64	39	45	35	9	0	0	1	0	655
ROCKWELL INTERNATIONAL CORPORATION																
Patents By Year of Grant:	450	50	72	64	11	6	0	1	0	0	0	0	0	0	0	654
Patents By Year of Application:	601	42	7	3	0	1	0	0	0	0	0	0	0	0	0	654
SILICON GRAPHICS, INC.																
Patents By Year of Grant:	75	39	83	54	65	79	50	50	52	28	27	14	24	9	0	649
Patents By Year of Application:	245	87	78	71	58	34	38	18	4	9	5	1	1	0	0	649
KYOCERA CORPORATION																
Patents By Year of Grant:	58	19	20	17	33	28	33	40	28	30	32	50	50	77	106	621
Patents By Year of Application:	105	22	35	27	36	31	36	42	81	103	68	24	9	2	0	621

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
LSI CORPORATION																
Patents By Year of Grant:	0	0	0	1	0	0	0	1	0	0	1	131	129	155	197	615
Patents By Year of Application:	0	1	0	2	0	6	35	78	117	181	76	59	50	10	0	615
WESTERN DIGITAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	12	36	56	80	113	101	54	52	53	58	615
Patents By Year of Application:	0	1	6	27	51	78	105	84	85	66	44	35	27	6	0	615
SIEMENS MEDICAL SOLUTIONS USA, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	20	19	23	22	21	45	132	135	193	611
Patents By Year of Application:	0	0	3	5	14	43	39	37	80	143	141	80	20	6	0	611
LG SEMICON CO., LTD.																
Patents By Year of Grant:	15	60	138	195	154	18	16	3	3	1	0	1	0	1	0	605
Patents By Year of Application:	206	198	147	42	4	5	1	0	1	0	1	0	0	0	0	605
MAXTOR CORPORATION																
Patents By Year of Grant:	65	8	12	15	17	35	64	52	56	47	76	64	47	42	5	605
Patents By Year of Application:	96	8	26	92	58	78	52	40	54	51	37	13	0	0	0	605
GOLDSTAR COMPANY, LTD.																
Patents By Year of Grant:	488	61	33	10	1	2	0	0	0	0	0	0	0	0	0	595
Patents By Year of Application:	586	9	0	0	0	0	0	0	0	0	0	0	0	0	0	595
DELTA ELECTRONICS INC.																
Patents By Year of Grant:	3	2	7	7	13	17	34	48	60	46	69	72	63	76	74	591
Patents By Year of Application:	9	7	9	20	22	62	52	84	82	70	79	59	28	8	0	591
ITT MANUFACTURING ENTERPRISES, INC.																
Patents By Year of Grant:	0	0	10	40	58	49	40	30	40	42	57	66	36	58	64	590
Patents By Year of Application:	11	60	58	40	50	56	56	46	33	78	53	38	9	2	0	590
MITSUMI ELECTRIC CO., LTD.																
Patents By Year of Grant:	43	16	27	43	36	42	39	43	42	35	49	37	45	48	44	589
Patents By Year of Application:	80	57	34	44	49	38	49	31	61	55	33	40	18	0	0	589
CONEXANT SYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	20	65	115	131	81	50	26	25	22	23	13	17	588
Patents By Year of Application:	11	32	158	132	109	55	14	26	18	21	6	2	4	0	0	588
DAI NIPPON PRINTING CO. LTD																
Patents By Year of Grant:	45	14	25	27	46	22	25	40	53	38	48	47	42	52	62	586
Patents By Year of Application:	96	33	39	27	30	53	51	73	56	53	36	26	10	2	1	586

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
INTEGRATED DEVICE TECHNOLOGY, INC.																
Patents By Year of Grant:	59	19	51	41	26	33	18	23	24	34	51	44	34	48	79	584
Patents By Year of Application:	129	51	28	25	21	39	35	40	47	46	60	43	18	2	0	584
MITA INDUSTRIAL COMPANY LTD.																
Patents By Year of Grant:	327	56	125	54	17	1	0	0	0	0	0	0	0	0	0	580
Patents By Year of Application:	466	83	23	8	0	0	0	0	0	0	0	0	0	0	0	580
YAHOO, INC.																
Patents By Year of Grant:	0	0	0	2	0	2	5	8	4	13	30	28	67	125	290	574
Patents By Year of Application:	0	4	3	14	19	28	17	49	77	112	121	101	22	7	0	574
MINNESOTA MINING AND MANUFACTURING COMPANY																
Patents By Year of Grant:	387	50	85	28	12	2	7	2	0	0	0	0	0	0	0	573
Patents By Year of Application:	514	46	5	3	4	1	0	0	0	0	0	0	0	0	0	573
ALCATEL N. V.																
Patents By Year of Grant:	367	64	91	37	8	2	2	0	0	0	0	0	1	0	0	572
Patents By Year of Application:	554	14	2	2	0	0	0	0	0	0	0	0	0	0	0	572
PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH																
Patents By Year of Grant:	77	22	33	26	30	55	43	46	55	30	56	45	43	6	5	572
Patents By Year of Application:	128	26	37	45	49	46	56	46	52	56	28	3	0	0	0	572
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	42	5	11	11	24	21	39	38	30	39	30	62	65	62	89	568
Patents By Year of Application:	62	12	22	29	38	41	41	44	46	64	53	91	21	4	0	568
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
Patents By Year of Grant:	390	19	20	16	15	16	12	13	11	8	7	6	8	8	16	565
Patents By Year of Application:	435	10	22	12	17	8	11	10	3	9	9	11	7	0	1	565
HITACHI HIGH-TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	3	18	31	65	67	113	112	154	563
Patents By Year of Application:	0	0	0	0	0	3	21	53	83	91	108	116	78	10	0	563
ILLINOIS TOOL WORKS INC.																
Patents By Year of Grant:	43	13	15	12	42	39	38	53	59	42	49	55	48	17	38	563
Patents By Year of Application:	69	21	31	38	44	61	71	67	59	51	34	13	4	0	0	563
LITTON SYSTEMS INC.																
Patents By Year of Grant:	236	29	36	46	49	67	25	22	18	8	10	9	4	3	0	562
Patents By Year of Application:	299	50	55	65	34	22	7	14	6	6	1	3	0	0	0	562

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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ELPIDA MEMORY, INC.

Patents By Year of Grant:	0	0	0	0	0	0	0	1	19	45	39	74	82	107	194	561
Patents By Year of Application:	1	0	0	0	2	4	28	48	55	60	127	127	96	13	0	561

FORD GLOBAL TECHNOLOGIES, L.L.C.

Patents By Year of Grant:	0	0	0	0	0	0	0	47	102	81	87	72	44	59	69	561
Patents By Year of Application:	0	0	0	6	32	54	126	94	74	48	50	48	21	6	2	561

VISTEON GLOBAL TECHNOLOGIES, INC.

Patents By Year of Grant:	0	0	0	1	11	76	52	64	97	86	64	39	18	30	20	558
Patents By Year of Application:	2	8	27	61	65	67	114	94	37	44	13	20	6	0	0	558

KONICA MINOLTA BUSINESS TECHNOLOGIES, INC.

Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	4	61	63	78	130	218	554
Patents By Year of Application:	0	0	0	0	1	0	0	12	188	114	111	89	36	3	0	554

MINEBEA KABUSHIKI-KAISHA (MINEBEA CO., LTD)

Patents By Year of Grant:	20	8	27	18	27	26	30	47	59	73	83	49	24	32	31	554
Patents By Year of Application:	56	27	19	32	29	52	63	87	74	52	25	23	14	1	0	554

SCIENTIFIC-ATLANTA, INC.

Patents By Year of Grant:	164	18	29	28	27	39	33	34	24	16	26	33	22	27	31	551
Patents By Year of Application:	228	43	28	39	46	47	35	22	21	11	21	5	4	1	0	551

THOMSON CONSUMER ELECTRONICS, INC.

Patents By Year of Grant:	327	61	65	61	26	1	1	0	0	0	0	0	0	0	0	542
Patents By Year of Application:	485	48	9	0	0	0	0	0	0	0	0	0	0	0	0	542

NATIONAL INSTRUMENTS CORPORATION

Patents By Year of Grant:	17	15	27	29	29	26	26	23	29	42	73	42	43	59	56	536
Patents By Year of Application:	61	42	32	32	57	66	70	36	42	44	27	23	3	1	0	536

GOOGLE, INC.

Patents By Year of Grant:	0	0	0	0	0	0	0	4	3	7	16	32	58	140	275	535
Patents By Year of Application:	0	1	0	0	15	8	10	87	128	111	100	54	20	1	0	535

MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.

Patents By Year of Grant:	21	0	0	0	0	19	31	46	40	45	74	49	85	59	65	534
Patents By Year of Application:	22	6	15	53	38	68	59	72	66	56	40	28	9	2	0	534

GM Global Technology Operations, Inc.

Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	6	48	91	142	241	528
Patents By Year of Application:	0	0	0	0	0	0	0	1	11	141	131	166	63	15	0	528

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
KLA-TENCOR TECHNOLOGIES CORP.																
Patents By Year of Grant:	0	0	0	0	0	1	3	13	53	52	98	89	92	62	60	523
Patents By Year of Application:	0	1	1	3	11	40	60	82	100	99	65	49	10	1	1	523
INVENTEC CORPORATION																
Patents By Year of Grant:	0	2	2	11	11	17	27	24	22	29	38	76	110	93	60	522
Patents By Year of Application:	4	15	10	31	28	28	24	39	39	70	108	93	31	2	0	522
SONY COMPUTER ENTERTAINMENT INC.																
Patents By Year of Grant:	0	0	0	0	5	18	33	44	62	40	56	48	46	63	107	522
Patents By Year of Application:	2	5	14	33	64	95	60	25	48	80	58	29	7	2	0	522
SQUARE D COMPANY																
Patents By Year of Grant:	218	31	42	43	16	39	26	28	21	7	16	14	9	7	3	520
Patents By Year of Application:	299	34	38	37	24	30	13	16	7	7	10	5	0	0	0	520
SYNOPSYS INC.																
Patents By Year of Grant:	7	13	19	21	26	25	31	20	21	35	37	65	57	67	76	520
Patents By Year of Application:	55	28	26	40	22	34	44	32	54	65	42	53	18	6	1	520
SANDIA CORPORATION																
Patents By Year of Grant:	39	23	31	35	31	36	43	44	36	26	33	30	42	27	37	513
Patents By Year of Application:	105	38	34	41	32	54	28	41	34	32	31	22	15	5	1	513
DIGIMARC CORPORATION																
Patents By Year of Grant:	0	1	11	2	7	16	27	50	51	34	75	59	55	59	65	512
Patents By Year of Application:	14	3	13	40	64	82	71	45	38	37	29	47	24	5	0	512
SILICON LABORATORIES INC.																
Patents By Year of Grant:	0	0	0	1	14	20	19	20	32	27	56	90	91	69	72	511
Patents By Year of Application:	0	3	37	13	28	29	34	66	79	95	71	27	26	3	0	511
ATMEL CORPORATION																
Patents By Year of Grant:	29	8	20	19	21	12	8	11	30	21	37	72	71	65	85	509
Patents By Year of Application:	52	25	16	17	12	8	18	42	46	89	108	50	23	3	0	509
Alcatel Lucent																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	39	97	147	225	508
Patents By Year of Application:	0	0	0	1	1	4	44	84	98	83	112	61	16	4	0	508
MATSUSHITA ELECTRIC WORKS, LTD.																
Patents By Year of Grant:	115	16	21	30	30	25	32	35	34	40	40	28	35	20	5	506
Patents By Year of Application:	152	33	26	26	46	50	41	38	46	28	11	9	0	0	0	506

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
ARM LIMITED																
Patents By Year of Grant:	15	10	16	17	15	17	15	13	16	24	59	60	66	61	100	504
Patents By Year of Application:	46	20	20	22	16	30	35	69	74	64	56	35	15	2	0	504
DAIMLER-CHRYSLER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	7	62	97	77	55	39	61	54	38	13	0	1	504
Patents By Year of Application:	10	22	53	111	83	60	69	55	31	9	1	0	0	0	0	504
MCI COMMUNICATIONS CORP.																
Patents By Year of Grant:	19	32	116	105	73	58	43	19	17	8	6	3	2	1	2	504
Patents By Year of Application:	255	124	96	14	2	3	1	7	1	0	0	0	1	0	0	504
AOL LLC																
Patents By Year of Grant:	0	0	1	9	7	3	14	17	26	18	54	82	87	80	104	502
Patents By Year of Application:	9	10	11	21	44	59	84	87	58	25	51	27	15	0	1	502
SARNOFF CORPORATION																
Patents By Year of Grant:	0	0	5	39	68	66	70	67	42	34	26	16	22	20	24	499
Patents By Year of Application:	24	76	84	65	92	38	20	13	25	28	17	12	2	3	0	499
CIENA CORPORATION																
Patents By Year of Grant:	6	5	11	10	20	20	30	33	41	56	76	56	39	31	64	498
Patents By Year of Application:	20	18	34	23	87	100	52	46	47	18	20	21	10	2	0	498
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.																
Patents By Year of Grant:	64	13	18	22	24	18	40	28	34	25	35	34	39	36	61	491
Patents By Year of Application:	98	27	23	41	48	38	46	33	31	41	27	23	12	3	0	491
SHIMADZU CORPORATION																
Patents By Year of Grant:	108	18	19	19	16	16	30	39	22	22	43	30	30	34	38	484
Patents By Year of Application:	143	22	19	20	27	36	26	29	44	50	36	23	9	0	0	484
DAINIPPON SCREEN MFG. CO., LTD.																
Patents By Year of Grant:	208	18	28	25	14	13	7	7	17	18	31	24	31	19	23	483
Patents By Year of Application:	266	20	22	4	5	10	28	39	34	20	17	15	3	0	0	483
SONY ERICSSON MOBILE COMMUNICATIONS AB																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	4	9	34	46	63	129	198	483
Patents By Year of Application:	0	0	0	0	0	2	28	71	89	71	131	69	21	1	0	483
METROLOGIC INSTRUMENTS INC.																
Patents By Year of Grant:	14	7	15	22	18	18	32	39	28	44	47	33	28	67	68	480
Patents By Year of Application:	37	43	7	36	30	31	73	29	39	12	33	87	23	0	0	480

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
OSRAM SYLVANIA INC.																
Patents By Year of Grant:	43	20	22	28	23	27	18	23	40	27	52	49	35	34	39	480
Patents By Year of Application:	89	22	26	36	12	28	37	24	54	67	41	32	11	1	0	480
AT& T Intellectual Property II, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	37	160	282	479
Patents By Year of Application:	0	0	0	1	2	10	16	33	49	132	72	93	59	10	2	479
OKIDATA CORPORATION																
Patents By Year of Grant:	0	5	12	29	39	25	20	25	23	28	38	48	59	41	86	478
Patents By Year of Application:	21	26	36	40	22	19	29	51	60	64	56	37	12	5	0	478
SGS-THOMSON MICROELECTRONICS, INC.																
Patents By Year of Grant:	342	67	66	1	2	0	0	0	0	0	0	0	0	0	0	478
Patents By Year of Application:	467	11	0	0	0	0	0	0	0	0	0	0	0	0	0	478
SYMANTEC CORPORATION																
Patents By Year of Grant:	6	2	14	12	10	5	6	9	6	12	19	34	63	114	165	477
Patents By Year of Application:	22	17	14	12	26	13	26	63	78	105	43	43	11	4	0	477
TEAC CORPORATION																
Patents By Year of Grant:	180	17	11	23	17	28	19	21	23	23	38	24	17	22	14	477
Patents By Year of Application:	214	26	22	21	26	27	57	23	26	16	7	9	3	0	0	477
KYOCERA MITA CORPORATION																
Patents By Year of Grant:	0	0	0	0	6	14	11	6	13	8	21	31	88	121	155	474
Patents By Year of Application:	3	2	2	10	16	12	13	19	24	88	124	101	53	7	0	474
QUANTUM CORP. (CA)																
Patents By Year of Grant:	106	28	52	35	43	29	9	15	20	16	28	25	19	21	23	469
Patents By Year of Application:	189	45	39	25	18	26	22	24	23	22	14	12	7	3	0	469
HITACHI DISPLAYS, LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	13	47	61	84	93	167	467
Patents By Year of Application:	0	0	0	0	0	1	1	58	88	74	97	92	46	10	0	467
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	90	6	26	29	24	30	21	45	48	22	25	20	26	22	33	467
Patents By Year of Application:	120	35	25	30	26	47	50	22	33	25	26	19	8	1	0	467
REALTEK SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	0	0	1	1	4	2	1	6	11	23	50	76	64	122	106	467
Patents By Year of Application:	1	2	1	8	1	9	26	46	82	94	82	83	26	6	0	467

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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NOVELL, INC.

Patents By Year of Grant:	12	14	28	54	45	17	22	27	24	14	25	29	29	39	84	463
Patents By Year of Application:	83	70	26	36	36	29	40	33	25	25	32	24	3	1	0	463

FORD GLOBAL TECHNOLOGIES, INC.

Patents By Year of Grant:	0	16	66	61	58	91	112	38	1	1	0	2	1	3	12	462
Patents By Year of Application:	88	70	56	55	107	48	19	2	5	4	4	4	0	0	0	462

ORACLE CORPORATION

Patents By Year of Grant:	11	7	58	85	77	67	85	50	5	1	7	1	3	4	1	462
Patents By Year of Application:	103	134	85	79	29	16	11	1	3	1	0	0	0	0	0	462

HRL LABORATORIES, LLC

Patents By Year of Grant:	0	0	0	0	1	12	31	45	41	42	54	60	54	45	70	455
Patents By Year of Application:	0	0	0	26	51	53	46	60	78	47	42	27	20	5	0	455

AISIN SEIKI KABUSHIKI KAISHA

Patents By Year of Grant:	111	10	9	29	18	21	27	25	30	25	36	27	23	34	29	454
Patents By Year of Application:	135	21	20	19	24	36	35	39	37	36	28	16	6	2	0	454

NETWORK APPLIANCE, INC.

Patents By Year of Grant:	0	0	1	3	3	3	6	10	22	30	60	77	112	61	61	449
Patents By Year of Application:	3	1	8	11	21	41	83	67	62	70	43	31	5	2	1	449

BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION, INC.

Patents By Year of Grant:	0	0	0	0	0	4	48	32	54	52	51	71	35	55	45	447
Patents By Year of Application:	17	0	1	4	30	42	74	77	58	62	37	20	16	8	1	447

ADAPTEC, INC.

Patents By Year of Grant:	9	21	32	45	56	46	42	22	37	34	48	21	12	12	8	445
Patents By Year of Application:	72	54	72	50	52	31	55	19	22	13	2	3	0	0	0	445

SIEMENS ENERGY & AUTOMATION, INC.

Patents By Year of Grant:	67	18	28	27	27	35	21	29	20	30	27	36	40	37	1	443
Patents By Year of Application:	121	18	33	38	32	30	31	30	36	35	26	12	1	0	0	443

DELCO ELECTRONICS CORPORATION

Patents By Year of Grant:	218	57	62	63	34	6	1	0	0	0	0	0	0	0	0	441
Patents By Year of Application:	341	56	33	11	0	0	0	0	0	0	0	0	0	0	0	441

NITTO DENKO CORPORATION

Patents By Year of Grant:	14	1	5	5	12	16	23	32	44	42	47	39	50	57	53	440
Patents By Year of Application:	23	5	11	22	40	45	56	44	49	44	42	24	26	9	0	440

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
Oracle America, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	438	438
Patents By Year of Application:	0	0	0	2	5	7	14	25	61	91	116	74	33	10	0	438
SPRINT SPECTRUM L.P.																
Patents By Year of Grant:	0	0	0	0	0	1	0	9	13	28	78	74	67	73	93	436
Patents By Year of Application:	0	0	0	9	18	43	77	75	85	57	35	24	9	4	0	436
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	273	16	24	24	42	32	13	6	3	0	0	0	0	0	0	433
Patents By Year of Application:	313	39	32	42	4	0	3	0	0	0	0	0	0	0	0	433
HUAWEI TECHNOLOGIES CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	1	1	5	9	19	21	48	81	248	433
Patents By Year of Application:	0	0	0	0	1	10	36	59	33	47	96	85	51	9	6	433
BEA SYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	4	2	3	2	4	4	19	37	56	78	95	126	430
Patents By Year of Application:	3	6	1	4	5	35	57	78	87	87	44	18	4	1	0	430
CITIZEN WATCH CO., LTD.																
Patents By Year of Grant:	62	18	25	42	45	47	33	44	47	20	29	14	1	0	0	427
Patents By Year of Application:	111	48	54	58	46	43	36	25	3	3	0	0	0	0	0	427
EMERSON ELECTRIC CO.																
Patents By Year of Grant:	97	22	33	36	29	24	22	17	36	22	18	16	15	18	19	424
Patents By Year of Application:	150	42	25	26	20	25	39	22	24	11	21	4	13	2	0	424
LATTICE SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	28	4	3	2	15	12	22	36	43	47	48	41	41	47	34	423
Patents By Year of Application:	37	6	15	14	18	32	58	63	34	51	41	28	14	11	1	423
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	173	5	12	6	11	5	5	7	18	16	29	39	29	31	36	422
Patents By Year of Application:	190	6	11	10	9	10	20	28	49	39	31	12	5	2	0	422
DEUTSCHE THOMSON-BRANDT GMBH																
Patents By Year of Grant:	194	23	35	45	42	46	20	0	3	3	9	1	0	0	0	421
Patents By Year of Application:	284	51	42	28	11	3	2	0	0	0	0	0	0	0	0	421
FAIRCHILD SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	6	0	3	10	14	15	39	35	48	35	30	19	29	50	82	415
Patents By Year of Application:	12	7	19	30	32	38	43	44	31	26	37	49	39	8	0	415

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL	
HOYA CORPORATION																	
Patents By Year of Grant:	40	1	2	3	3	7	5	8	12	6	4	11	64	126	123	415	
Patents By Year of Application:	44	3	4	7	7	12	11	21	25	88	73	80	25	14	1	415	
BELL COMMUNICATIONS RESEARCH, INC.																	
Patents By Year of Grant:	328	29	42	14	1	0	0	0	0	0	0	0	0	0	0	414	
Patents By Year of Application:	407	6	1	0	0	0	0	0	0	0	0	0	0	0	0	414	
GATEWAY 2000, INC.																	
Patents By Year of Grant:	2	3	14	21	24	29	46	47	56	44	39	28	27	14	20	414	
Patents By Year of Application:	39	28	62	81	47	38	46	31	34	3	1	1	3	0	0	414	
ZENITH ELECTRONICS CORPORATION																	
Patents By Year of Grant:	213	30	25	21	22	16	8	16	14	10	7	14	8	4	5	413	
Patents By Year of Application:	280	26	19	22	15	12	10	11	8	4	2	4	0	0	0	413	
UNITED TECHNOLOGIES CORPORATION																	
Patents By Year of Grant:	242	23	6	12	9	8	13	6	8	13	12	18	12	11	19	412	
Patents By Year of Application:	277	12	16	9	6	8	11	14	20	9	13	11	6	0	0	412	
NEC LCD TECHNOLOGIES, LTD.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	38	67	74	57	31	30	59	55	411	
Patents By Year of Application:	0	0	0	6	42	63	66	46	52	54	46	26	7	3	0	411	
AGERE SYSTEMS GUARDIAN CORP.																	
Patents By Year of Grant:	0	0	0	0	0	167	236	5	1	0	0	0	1	0	0	410	
Patents By Year of Application:	3	20	97	179	95	15	1	0	0	0	0	0	0	0	0	410	
ATI TECHNOLOGIES INC.																	
Patents By Year of Grant:	9	6	15	17	39	37	21	11	28	26	36	24	31	54	54	408	
Patents By Year of Application:	33	51	64	9	26	39	28	30	45	42	28	9	2	2	0	408	
HUBBELL INCORPORATED																	
Patents By Year of Grant:	94	21	20	26	33	28	37	23	22	17	20	17	20	8	22	408	
Patents By Year of Application:	141	25	33	30	28	33	20	21	24	18	18	11	6	0	0	408	
ALPINE ELECTRONICS INC.																	
Patents By Year of Grant:	38	8	13	15	11	14	21	19	34	34	31	33	38	50	48	407	
Patents By Year of Application:	71	10	10	14	28	38	39	47	47	47	37	15	4	0	0	407	
SUMITOMO WIRING SYSTEMS, LTD.																	
Patents By Year of Grant:	49	29	37	31	33	26	41	33	31	21	19	12	8	13	16	399	
Patents By Year of Application:	117	36	23	33	34	28	31	27	20	23	9	14	3	1	0	399	

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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LENOVO (SINGAPORE) PTE LTD

Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	9	75	89	71	59	67	370
Patents By Year of Application:	0	0	2	7	6	50	45	79	65	51	37	18	10	0	0	370

WISCONSIN ALUMNI RESEARCH FOUNDATION

Patents By Year of Grant:	81	15	14	13	16	12	19	23	15	16	25	20	27	32	42	370
Patents By Year of Application:	110	15	14	20	27	23	21	18	24	24	40	23	10	1	0	370

HALLIBURTON ENERGY SERVICES, INC.

Patents By Year of Grant:	2	2	8	12	14	25	21	32	43	36	44	30	25	29	45	368
Patents By Year of Application:	14	19	14	30	23	33	55	37	50	35	29	13	11	5	0	368

FUJITSU MICROELECTRONICS LIMITED

Patents By Year of Grant:	0	0	0	1	0	0	0	0	0	0	0	0	0	214	151	366
Patents By Year of Application:	0	1	0	0	0	1	6	6	28	70	123	86	41	4	0	366

FUJITSU TEN LIMITED

Patents By Year of Grant:	27	4	6	4	8	1	5	15	28	25	46	43	33	60	57	362
Patents By Year of Application:	40	6	4	9	7	11	53	46	56	43	41	33	13	0	0	362

NIPPON SHEET GLASS CO., LTD.

Patents By Year of Grant:	67	5	2	16	15	21	19	27	44	36	36	30	23	10	11	362
Patents By Year of Application:	76	8	17	22	27	54	39	44	24	26	17	4	4	0	0	362

INTERMEC IP CORP.

Patents By Year of Grant:	0	0	1	40	73	57	33	20	16	16	20	21	27	18	13	355
Patents By Year of Application:	27	48	70	69	26	9	9	19	29	22	14	8	4	1	0	355

SPANSION LLC

Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	3	40	81	66	68	94	354
Patents By Year of Application:	0	0	0	0	0	0	5	13	52	99	88	55	35	7	0	354

INTERSIL AMERICAS INC.

Patents By Year of Grant:	0	0	0	0	0	3	20	39	42	33	50	37	34	42	52	352
Patents By Year of Application:	0	0	3	8	22	41	40	35	61	42	34	33	24	6	3	352

MOSAID TECHNOLOGIES INC.

Patents By Year of Grant:	13	10	16	11	16	11	13	28	26	17	29	24	21	43	73	351
Patents By Year of Application:	37	15	14	14	22	27	32	33	15	29	32	44	27	10	0	351

SIEMENS CORPORATE RESEARCH, INC.

Patents By Year of Grant:	28	11	17	34	22	23	15	27	22	22	46	34	19	25	1	346
Patents By Year of Application:	74	41	20	32	23	39	41	26	12	28	7	3	0	0	0	346

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
SHINKO ELECTRIC INDUSTRIES CO., LTD.																
Patents By Year of Grant:	22	3	7	12	10	24	26	30	20	15	22	25	30	36	62	344
Patents By Year of Application:	32	14	11	24	32	30	19	19	29	38	42	36	17	1	0	344
Symantec Operating Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	18	86	93	147	344
Patents By Year of Application:	0	0	0	0	0	2	32	55	105	67	54	25	3	1	0	344
AMKOR TECHNOLOGY, INC.																
Patents By Year of Grant:	0	0	1	5	5	10	50	63	44	36	45	17	16	15	35	342
Patents By Year of Application:	1	6	6	21	63	65	37	38	32	25	23	9	12	3	1	342
Fu Zhun Precision Industrial (Shenzhen) Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	6	63	68	69	135	341
Patents By Year of Application:	0	0	0	0	0	0	0	1	23	50	74	82	98	13	0	341
TERADYNE, INC.																
Patents By Year of Grant:	20	12	11	11	12	17	29	30	37	27	30	22	27	35	19	339
Patents By Year of Application:	47	13	16	31	42	28	38	21	24	40	12	16	10	0	1	339
USHIO DENKI KABUSHIKI KAISYA																
Patents By Year of Grant:	23	7	11	23	13	16	30	43	39	32	25	12	19	24	22	339
Patents By Year of Application:	49	14	18	22	38	34	38	31	24	16	23	21	9	2	0	339
ASEA BROWN BOVERI AB																
Patents By Year of Grant:	61	17	9	28	15	29	34	23	22	24	32	17	7	11	8	337
Patents By Year of Application:	85	28	38	31	29	43	37	24	13	8	1	0	0	0	0	337
LINEAR TECHNOLOGY CORPORATION																
Patents By Year of Grant:	42	7	14	9	28	15	19	27	13	19	16	33	37	24	33	336
Patents By Year of Application:	61	15	21	18	22	23	15	23	19	54	40	16	8	1	0	336
SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC																
Patents By Year of Grant:	0	0	0	0	6	14	43	23	26	20	28	26	34	53	62	335
Patents By Year of Application:	2	3	7	9	33	32	29	33	33	49	53	29	17	5	1	335
THE DIRECTV GROUP, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	21	35	46	50	54	56	73	335
Patents By Year of Application:	1	0	1	6	63	46	34	44	42	24	32	29	9	3	1	335
FUJI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	79	10	14	6	9	16	22	21	21	11	31	21	22	17	33	333
Patents By Year of Application:	102	9	11	18	29	21	19	26	38	24	13	18	4	1	0	333

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

Pre

1997 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 TOTAL

ATI INTERNATIONAL SRL

Patents By Year of Grant: 0 0 0 6 11 44 72 70 59 30 20 12 4 4 0 332

Patents By Year of Application: 2 7 55 145 101 13 3 0 3 3 0 0 0 0 0 332

GEORGIA TECH RESEARCH CORP.

Patents By Year of Grant: 50 3 8 15 13 15 19 20 20 26 32 28 20 27 36 332

Patents By Year of Application: 68 14 17 14 27 23 21 39 16 32 38 16 5 1 1 332

BEN Q CORPORATION

Patents By Year of Grant: 0 0 0 0 0 0 5 18 36 50 74 107 32 5 4 331

Patents By Year of Application: 0 1 0 9 12 21 36 87 101 43 15 6 0 0 0 331

HUGHES ELECTRONIC DEVICES CORPORATION

Patents By Year of Grant: 37 181 109 2 1 1 0 0 0 0 0 0 0 0 0 331

Patents By Year of Application: 325 6 0 0 0 0 0 0 0 0 0 0 0 0 0 331

AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC.

Patents By Year of Grant: 2 2 0 3 5 2 1 2 8 4 24 38 64 75 100 330

Patents By Year of Application: 8 3 4 2 10 22 31 33 57 45 32 64 12 6 1 330

PALM, INC.

Patents By Year of Grant: 0 0 0 0 2 12 31 29 6 19 35 29 37 59 67 326

Patents By Year of Application: 0 4 7 22 32 73 25 18 24 43 47 18 10 3 0 326

PICKER INTERNATIONAL, INC.

Patents By Year of Grant: 151 29 25 25 51 38 7 0 0 0 0 0 0 0 0 326

Patents By Year of Application: 205 45 50 25 0 1 0 0 0 0 0 0 0 0 0 326

CYMER, INC.

Patents By Year of Grant: 0 4 14 23 30 23 19 31 24 16 25 32 33 16 34 324

Patents By Year of Application: 8 26 31 42 21 31 18 29 26 35 29 20 8 0 0 324

SKYWORKS SOLUTIONS, INC.

Patents By Year of Grant: 0 0 0 0 0 0 10 55 74 37 42 23 23 41 19 324

Patents By Year of Application: 0 0 17 28 45 57 32 31 34 33 22 17 7 1 0 324

STANLEY ELECTRIC CO., LTD.

Patents By Year of Grant: 77 3 7 17 26 16 19 17 6 9 12 18 17 30 50 324

Patents By Year of Application: 82 21 25 20 15 18 5 17 19 18 33 27 20 4 0 324

SANKYO SEIKI MFG. CO., LTD.

Patents By Year of Grant: 78 31 26 23 17 26 20 35 30 25 10 1 0 1 0 323

Patents By Year of Application: 138 18 29 18 34 30 31 18 6 1 0 0 0 0 0 323

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
ANDREW CORPORATION																
Patents By Year of Grant:	24	3	8	8	10	6	14	31	39	29	41	30	26	23	30	322
Patents By Year of Application:	37	7	9	13	18	29	63	54	31	22	19	10	9	1	0	322
AISIN AW CO., LTD.																
Patents By Year of Grant:	43	8	26	31	29	18	8	19	14	15	24	14	21	16	34	320
Patents By Year of Application:	101	29	16	7	17	15	17	31	21	29	17	10	6	4	0	320
WHITAKER CORPORATION																
Patents By Year of Grant:	119	31	46	36	39	28	12	4	2	1	1	0	0	0	0	319
Patents By Year of Application:	192	58	37	26	4	2	0	0	0	0	0	0	0	0	0	319
MICRON ELECTRONICS, INC.																
Patents By Year of Grant:	3	12	21	90	115	62	11	2	1	0	1	0	0	0	0	318
Patents By Year of Application:	47	175	71	19	2	3	0	1	0	0	0	0	0	0	0	318
AUTODESK, INC.																
Patents By Year of Grant:	4	1	8	8	18	19	21	18	19	30	37	26	21	40	47	317
Patents By Year of Application:	13	23	22	37	33	44	32	19	38	19	21	11	5	0	0	317
LEVITON MANUFACTURING CO. INC.																
Patents By Year of Grant:	31	14	30	19	16	16	12	11	10	23	29	35	25	22	24	317
Patents By Year of Application:	60	31	20	19	9	19	13	16	32	40	34	18	6	0	0	317
NOKIA NETWORKS OY																
Patents By Year of Grant:	0	0	0	0	5	40	85	37	58	37	41	8	0	0	4	315
Patents By Year of Application:	0	0	7	73	140	89	4	0	1	0	0	1	0	0	0	315
UNIVERSITY OF TEXAS																
Patents By Year of Grant:	68	10	18	13	10	14	18	17	20	14	19	20	22	22	30	315
Patents By Year of Application:	100	16	13	17	21	26	18	21	19	19	21	13	10	1	0	315
CHUNGHWA PICTURE TUBES, LTD.																
Patents By Year of Grant:	26	5	1	2	7	2	5	4	10	16	23	34	59	55	65	314
Patents By Year of Application:	32	2	9	2	1	9	15	21	32	77	62	25	19	6	2	314
GENTEX CORPORATION																
Patents By Year of Grant:	13	2	9	10	19	26	28	40	20	31	23	17	32	23	21	314
Patents By Year of Application:	22	14	14	31	30	39	29	30	34	19	24	14	13	1	0	314
CARL ZEISS STIFTUNG																
Patents By Year of Grant:	98	18	20	23	13	22	33	37	17	12	8	8	2	0	2	313
Patents By Year of Application:	143	14	20	19	39	43	13	13	8	1	0	0	0	0	0	313

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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JOHNS HOPKINS UNIVERSITY

Patents By Year of Grant:	41	9	6	13	7	12	15	18	36	31	41	27	16	17	24	313
Patents By Year of Application:	62	10	14	19	18	21	43	56	26	13	13	8	7	2	1	313

STMICROELECTRONICS, LTD.

Patents By Year of Grant:	0	0	1	1	6	14	38	52	34	46	28	30	24	14	24	312
Patents By Year of Application:	3	2	6	69	43	53	51	26	28	22	6	2	1	0	0	312

ADVANCED SEMICONDUCTOR ENGINEERING, INC.

Patents By Year of Grant:	0	1	0	1	6	18	22	7	31	24	51	46	35	30	39	311
Patents By Year of Application:	1	0	2	21	20	13	19	50	60	36	40	27	19	3	0	311

MAXIM INTEGRATED PRODUCTS, INC.

Patents By Year of Grant:	16	14	19	22	22	31	31	20	12	16	23	15	10	16	42	309
Patents By Year of Application:	46	18	31	34	21	33	16	23	13	23	16	14	17	4	0	309

COMPUTER ASSOCIATES THINK, INC.

Patents By Year of Grant:	0	0	0	0	5	11	24	10	5	15	24	26	34	52	101	307
Patents By Year of Application:	1	8	26	27	17	27	27	42	50	45	23	10	2	1	1	307

NIPPON STEEL CORP.

Patents By Year of Grant:	145	29	38	20	16	14	11	8	5	5	5	3	2	0	4	305
Patents By Year of Application:	216	27	18	9	7	3	13	5	4	1	0	1	0	0	1	305

TOKAI RIKA DENKI SEISAKUSHO K.K.

Patents By Year of Grant:	59	16	16	10	11	20	11	23	23	15	25	26	14	18	18	305
Patents By Year of Application:	90	16	6	24	15	23	21	28	28	16	17	12	9	0	0	305

NORTH AMERICAN PHILIPS CORPORATION

Patents By Year of Grant:	294	5	1	3	0	0	0	0	1	0	0	0	0	0	0	304
Patents By Year of Application:	304	0	0	0	0	0	0	0	0	0	0	0	0	0	0	304

SENSORMATIC ELECTRONICS CORPORATION

Patents By Year of Grant:	59	15	26	38	23	14	9	9	10	12	21	14	8	20	26	304
Patents By Year of Application:	118	21	26	12	14	14	15	17	16	20	19	5	6	1	0	304

BAYERISCHE MOTOREN WERKE AG

Patents By Year of Grant:	16	5	13	10	10	18	19	20	25	15	18	27	35	32	40	303
Patents By Year of Application:	36	13	12	22	30	34	14	8	18	22	44	35	8	7	0	303

CORNING CABLE SYSTEMS LLC

Patents By Year of Grant:	0	0	0	0	1	4	33	32	36	27	27	32	32	32	46	302
Patents By Year of Application:	0	1	7	17	28	36	26	25	40	21	42	27	27	5	0	302

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
JOHANNES HEIDENHAIN GMBH																
Patents By Year of Grant:	46	10	9	11	10	14	19	25	17	22	36	27	20	15	20	301
Patents By Year of Application:	66	14	14	24	23	20	37	27	24	16	19	9	8	0	0	301
KOMATSU LTD.																
Patents By Year of Grant:	0	14	22	26	32	38	27	30	24	16	17	14	10	11	20	301
Patents By Year of Application:	32	35	43	38	50	16	24	12	10	19	11	8	3	0	0	301
QWEST COMMUNICATIONS INTERNATIONAL INC.																
Patents By Year of Grant:	1	0	0	0	5	37	37	39	35	27	40	29	18	19	13	300
Patents By Year of Application:	12	13	45	65	37	48	22	28	12	14	2	2	0	0	0	300
MATSUSHITA ELECTRONICS CORPORATION																
Patents By Year of Grant:	66	15	39	48	53	52	18	6	2	0	0	0	0	0	0	299
Patents By Year of Application:	126	43	75	33	15	5	1	1	0	0	0	0	0	0	0	299
IOMEGA CORPORATION																
Patents By Year of Grant:	28	18	18	44	53	45	19	25	21	7	8	5	3	2	1	297
Patents By Year of Application:	66	67	47	40	30	25	1	11	3	2	4	1	0	0	0	297
FIRST DATA CORPORATION																
Patents By Year of Grant:	1	0	1	0	8	7	7	6	17	20	54	32	45	53	45	296
Patents By Year of Application:	5	0	10	22	9	26	51	54	33	24	33	21	5	3	0	296
BELL ATLANTIC NETWORK SERVICES, INC.																
Patents By Year of Grant:	61	46	63	32	43	36	9	1	2	1	0	0	0	0	0	294
Patents By Year of Application:	196	52	31	11	4	0	0	0	0	0	0	0	0	0	0	294
KLA-TENCOR CORPORATION																
Patents By Year of Grant:	0	0	4	10	10	14	12	38	23	9	20	8	34	50	60	292
Patents By Year of Application:	8	15	13	16	31	21	14	19	17	26	29	39	42	2	0	292
SUNDSTRAND CORPORATION																
Patents By Year of Grant:	226	13	28	20	4	1	0	0	0	0	0	0	0	0	0	292
Patents By Year of Application:	270	14	8	0	0	0	0	0	0	0	0	0	0	0	0	292
MICROCHIP TECHNOLOGY INCORPORATED																
Patents By Year of Grant:	24	14	21	21	27	21	24	22	17	11	17	17	13	16	26	291
Patents By Year of Application:	59	31	28	12	25	48	3	9	16	12	8	13	24	2	1	291
MURATA KIKAI KABUSHIKI KAISHA																
Patents By Year of Grant:	64	3	11	6	11	11	10	14	11	23	29	33	23	19	22	290
Patents By Year of Application:	77	14	16	16	16	27	30	24	21	17	24	8	0	0	0	290

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

Pre

1997 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 TOTAL

SIEMENS INFORMATION AND COMMUNICATIONS NETWORKS, INC.

Patents By Year of Grant: 0 0 0 58 40 48 49 33 57 2 0 2 1 0 0 290

Patents By Year of Application: 35 78 81 46 19 23 5 2 0 1 0 0 0 0 290

POWER INTEGRATIONS, INC.

Patents By Year of Grant: 19 1 0 3 4 9 14 19 30 14 31 31 28 39 47 289

Patents By Year of Application: 20 1 7 5 13 12 26 28 30 36 34 33 25 16 3 289

HITACHI MEDICAL CORPORATION

Patents By Year of Grant: 58 14 9 20 9 10 20 18 13 12 16 16 21 22 30 288

Patents By Year of Application: 89 21 11 10 18 27 23 28 21 17 14 5 2 2 0 288

POLAROID CORPORATION

Patents By Year of Grant: 98 19 35 33 24 10 6 13 13 9 15 4 5 2 0 286

Patents By Year of Application: 163 31 18 9 20 15 5 11 8 4 1 1 0 0 0 286

Oki Semiconductor Co., Ltd.

Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 6 142 137 285

Patents By Year of Application: 0 0 0 0 0 0 3 10 14 42 70 92 47 7 0 285

SCHNEIDER ELECTRIC SA

Patents By Year of Grant: 18 13 29 46 26 23 22 23 15 13 9 14 12 8 14 285

Patents By Year of Application: 56 43 32 26 17 28 19 20 6 16 13 7 2 0 0 285

CHRYSLER MOTORS CORPORATION

Patents By Year of Grant: 117 24 53 53 28 7 2 0 0 0 0 0 0 0 0 284

Patents By Year of Application: 204 47 31 0 2 0 0 0 0 0 0 0 0 0 0 284

LEAR CORPORATION

Patents By Year of Grant: 0 0 3 5 7 9 11 17 19 29 60 43 28 32 21 284

Patents By Year of Application: 3 4 10 11 20 17 26 57 52 42 24 15 3 0 0 284

AGFA-GEVAERT N.V.

Patents By Year of Grant: 51 21 52 24 18 14 20 13 11 8 17 20 6 3 5 283

Patents By Year of Application: 125 32 22 14 19 10 14 20 8 10 8 1 0 0 0 283

UNIVERSITY OF WASHINGTON

Patents By Year of Grant: 28 13 17 15 19 21 13 19 17 18 10 18 21 20 34 283

Patents By Year of Application: 59 20 28 17 28 16 11 14 21 21 16 18 10 4 0 283

ABB RESEARCH LTD.

Patents By Year of Grant: 9 7 15 28 17 16 18 24 29 15 19 19 14 16 36 282

Patents By Year of Application: 33 30 19 17 17 31 31 30 26 11 10 13 6 8 0 282

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
BULL S.A.																
Patents By Year of Grant:	104	19	25	20	15	19	21	8	9	6	14	6	6	8	2	282
Patents By Year of Application:	155	30	20	21	20	14	9	5	3	2	2	1	0	0	0	282
BLACK & DECKER INC.																
Patents By Year of Grant:	44	4	12	7	19	11	10	18	17	21	31	18	23	15	28	278
Patents By Year of Application:	61	10	11	18	13	14	27	26	24	33	19	7	12	3	0	278
HEIDELBERGER DRUCKMASCHINEN AG																
Patents By Year of Grant:	44	7	14	3	10	5	33	48	34	17	12	14	16	13	8	278
Patents By Year of Application:	67	7	11	15	49	40	33	24	9	11	8	3	1	0	0	278
HITACHI CABLE, LTD.																
Patents By Year of Grant:	30	6	9	12	11	11	9	17	12	14	16	19	28	36	48	278
Patents By Year of Application:	44	17	12	10	6	22	17	11	21	30	35	33	19	1	0	278
ASMO CO., LTD.																
Patents By Year of Grant:	41	2	13	10	12	21	18	18	33	20	14	19	12	19	25	277
Patents By Year of Application:	55	10	12	14	21	29	20	22	26	11	29	9	17	1	1	277
HYUNDAI MOTOR COMPANY																
Patents By Year of Grant:	3	9	10	9	14	16	24	14	25	30	33	23	19	14	34	277
Patents By Year of Application:	27	14	2	19	21	24	31	40	20	27	19	19	11	3	0	277
PALO ALTO RESEARCH CENTER INCORPORATED																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	1	7	34	36	44	53	100	276
Patents By Year of Application:	0	0	0	0	0	1	20	51	67	51	30	42	12	2	0	276
TOYODA GOSEI KABUSHIKI KAISHA																
Patents By Year of Grant:	22	5	3	7	6	9	15	20	27	39	32	28	23	22	14	272
Patents By Year of Application:	35	11	4	8	28	20	39	39	31	25	18	9	5	0	0	272
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	2	4	9	7	11	13	21	29	22	18	26	18	21	29	41	271
Patents By Year of Application:	14	12	10	22	39	28	26	16	14	21	29	28	9	3	0	271
NORITSU KOKI CO., LTD.																
Patents By Year of Grant:	34	26	36	27	20	15	13	7	7	7	8	19	24	16	12	271
Patents By Year of Application:	103	26	23	17	6	13	17	9	26	21	9	0	0	1	0	271
JEOL LTD.																
Patents By Year of Grant:	63	4	14	12	14	10	13	16	27	17	21	9	18	15	17	270
Patents By Year of Application:	77	17	15	10	19	16	24	10	19	20	17	18	8	0	0	270

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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YOKOGAWA ELECTRIC CORP.

Patents By Year of Grant:	38	10	11	6	6	11	7	12	6	30	23	21	22	27	40	270
Patents By Year of Application:	60	4	7	12	10	19	15	20	27	32	27	24	11	2	0	270

Avago Technologies General IP (Singapore) Pte. Ltd.

Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	39	76	54	52	47	268
Patents By Year of Application:	0	0	0	1	3	8	15	44	47	65	68	10	7	0	0	268

DEERE + COMPANY

Patents By Year of Grant:	20	4	7	6	4	14	12	12	18	19	29	36	25	19	42	267
Patents By Year of Application:	26	10	6	11	10	17	17	33	23	49	32	23	8	2	0	267

NETLOGIC MICROSYSTEMS, INC.

Patents By Year of Grant:	0	0	0	0	6	16	8	11	27	23	23	35	35	27	56	267
Patents By Year of Application:	0	2	4	15	19	22	31	33	30	26	30	30	23	2	0	267

APPLIED MICRO CIRCUITS CORPORATION

Patents By Year of Grant:	1	0	1	6	5	11	17	29	35	30	31	32	21	15	31	265
Patents By Year of Application:	1	3	14	16	34	32	68	39	9	3	13	15	12	6	0	265

COHERENT, INC.

Patents By Year of Grant:	64	8	12	7	17	9	6	13	13	7	21	20	24	18	26	265
Patents By Year of Application:	77	16	11	19	5	9	15	17	22	12	24	22	14	2	0	265

HEADWAY TECHNOLOGIES, INC.

Patents By Year of Grant:	0	2	2	3	1	6	12	10	12	29	50	35	48	27	27	264
Patents By Year of Application:	4	3	3	8	10	17	20	40	57	52	21	18	2	7	2	264

OSRAM OPTO SEMICONDUCTORS GMBH

Patents By Year of Grant:	0	0	0	0	0	1	4	13	21	32	25	28	44	48	48	264
Patents By Year of Application:	0	0	0	2	9	20	52	47	43	47	22	12	10	0	0	264

VALEO VISION

Patents By Year of Grant:	42	3	5	15	13	18	18	17	16	17	18	16	24	21	21	264
Patents By Year of Application:	59	12	15	15	22	14	19	27	17	18	26	12	8	0	0	264

ZYGO CORPORATION

Patents By Year of Grant:	18	6	10	7	7	17	5	17	32	28	27	29	25	23	11	262
Patents By Year of Application:	32	6	11	16	7	21	46	27	25	24	22	15	9	1	0	262

ELECTRONIC DATA SYSTEMS CORPORATION

Patents By Year of Grant:	12	8	53	48	18	13	21	7	12	11	16	22	16	4	0	261
Patents By Year of Application:	118	37	21	17	4	8	22	17	9	4	3	1	0	0	0	261

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
FUJIKURA LTD.																
Patents By Year of Grant:	32	3	4	4	3	5	6	17	29	27	25	31	28	19	26	259
Patents By Year of Application:	40	5	4	5	8	18	47	28	25	28	12	27	9	2	1	259
IMMERSION CORPORATION																
Patents By Year of Grant:	0	0	1	9	23	30	18	8	25	14	30	25	21	23	31	258
Patents By Year of Application:	6	21	19	29	39	36	20	17	34	9	13	8	6	1	0	258
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	49	10	13	11	16	17	13	23	20	10	15	10	17	11	22	257
Patents By Year of Application:	76	14	15	19	11	20	22	12	14	15	13	19	6	1	0	257
DALLAS SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	119	24	30	26	27	17	7	1	2	2	2	0	0	0	0	257
Patents By Year of Application:	182	21	28	10	8	6	1	1	0	0	0	0	0	0	0	257
KONICA MINOLTA OPTO, INC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	5	12	43	56	64	74	256
Patents By Year of Application:	0	0	0	0	0	0	3	4	41	64	61	52	27	4	0	256
DIEBOLD INCORPORATED																
Patents By Year of Grant:	1	0	0	5	13	15	9	16	18	17	26	23	32	42	37	254
Patents By Year of Application:	3	6	30	18	16	23	33	19	18	22	25	17	17	7	0	254
ALCATEL USA SOURCING, L.P.																
Patents By Year of Grant:	0	0	0	52	61	60	43	19	5	3	5	0	4	0	0	252
Patents By Year of Application:	34	104	52	32	20	2	2	3	1	2	0	0	0	0	0	252
Aptina Imaging Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	16	100	134	250
Patents By Year of Application:	0	0	1	0	1	2	4	13	29	44	49	60	36	11	0	250
MAZDA MOTOR CORPORATION																
Patents By Year of Grant:	119	17	16	14	10	13	5	7	7	6	11	4	8	4	9	250
Patents By Year of Application:	158	13	9	7	6	15	7	10	2	5	10	6	2	0	0	250
CREE, INC.																
Patents By Year of Grant:	0	0	0	0	0	8	7	8	13	21	20	25	33	42	72	249
Patents By Year of Application:	1	1	5	2	5	18	17	29	42	40	44	32	10	3	0	249
MICREL INCORPORATED																
Patents By Year of Grant:	13	3	2	0	4	11	10	17	25	24	31	27	29	27	26	249
Patents By Year of Application:	18	0	4	5	14	23	23	31	33	32	32	17	15	2	0	249

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

Pre

1997 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 TOTAL

UNIVERSITY OF MICHIGAN

Patents By Year of Grant: 47 11 16 6 8 13 10 22 21 25 17 11 11 15 16 249

Patents By Year of Application: 73 11 10 10 15 22 25 31 16 14 11 6 5 0 0 249

ASML HOLDING N.V.

Patents By Year of Grant: 0 0 0 0 0 0 0 2 28 36 52 41 32 29 28 248

Patents By Year of Application: 0 0 0 1 3 7 23 47 68 45 29 16 7 2 0 248

BULL HN INFORMATION SYSTEMS INC.

Patents By Year of Grant: 130 18 12 12 13 9 21 9 7 8 3 1 3 0 2 248

Patents By Year of Application: 164 15 18 18 14 6 5 3 3 2 0 0 0 0 0 248

SONY UNITED KINGDOM LIMITED

Patents By Year of Grant: 51 0 3 0 6 7 19 23 24 6 22 20 20 26 21 248

Patents By Year of Application: 56 2 22 19 40 27 18 26 17 15 4 2 0 0 0 248

TYCO ELECTRONICS CORPORATION

Patents By Year of Grant: 0 0 0 0 2 21 29 34 20 22 22 23 21 22 31 247

Patents By Year of Application: 0 1 5 20 37 33 22 29 21 22 21 17 17 2 0 247

MCAFFEE, INC.

Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 9 65 52 27 31 62 246

Patents By Year of Application: 0 0 0 1 10 88 49 14 18 25 25 16 0 0 0 246

BATTELLE MEMORIAL INSTITUTE

Patents By Year of Grant: 35 3 6 4 8 9 11 19 23 27 31 18 17 18 16 245

Patents By Year of Application: 45 5 10 15 15 26 33 29 20 20 15 8 4 0 0 245

CORNELL RESEARCH FOUNDATION INC.

Patents By Year of Grant: 67 10 15 11 6 9 7 15 8 11 12 19 14 21 20 245

Patents By Year of Application: 101 5 13 6 11 16 13 15 12 17 26 5 3 2 0 245

L-3 COMMUNICATIONS CORPORATION

Patents By Year of Grant: 0 0 6 10 10 17 12 17 14 12 30 30 21 33 33 245

Patents By Year of Application: 11 11 11 17 20 29 22 25 20 23 34 11 10 1 0 245

IMATION CORP.

Patents By Year of Grant: 1 9 17 32 23 13 11 21 23 15 29 17 15 9 8 243

Patents By Year of Application: 37 32 17 20 20 20 15 20 29 14 10 6 2 1 0 243

ASUSTEK COMPUTER INC.

Patents By Year of Grant: 0 0 0 1 3 4 13 7 19 16 25 25 39 46 43 241

Patents By Year of Application: 0 0 7 11 7 23 16 18 28 22 51 31 19 7 1 241

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
HITACHI METALS LTD.																
Patents By Year of Grant:	88	11	20	9	8	9	7	7	6	11	14	8	12	16	15	241
Patents By Year of Application:	113	21	3	10	8	12	10	9	18	11	13	12	1	0	0	241
O2 MICRO INTERNATIONAL LTD.																
Patents By Year of Grant:	0	0	0	1	1	8	8	8	20	21	26	19	41	43	44	240
Patents By Year of Application:	0	1	1	5	9	18	23	36	33	40	43	18	10	3	0	240
ADTRAN																
Patents By Year of Grant:	19	6	12	14	4	11	18	25	17	20	26	15	10	24	16	237
Patents By Year of Application:	46	11	12	24	22	27	22	27	22	11	8	0	5	0	0	237
CREDENCE SYSTEMS CORPORATION																
Patents By Year of Grant:	5	5	9	29	34	21	13	6	12	18	34	25	16	6	4	237
Patents By Year of Application:	18	34	27	22	20	10	18	20	39	17	8	4	0	0	0	237
INTERUNIVERSITAIR MICRO-ELEKTRONICA CENTRUM (IMEC VZW)																
Patents By Year of Grant:	12	6	6	11	10	17	10	26	23	15	24	12	13	14	38	237
Patents By Year of Application:	35	7	18	18	25	19	22	18	21	14	13	15	10	2	0	237
NetApp, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	15	75	147	237
Patents By Year of Application:	0	0	0	0	0	7	23	21	30	59	42	40	11	4	0	237
SILICONWARE PRECISION INDUSTRIES CO., LTD.																
Patents By Year of Grant:	0	0	0	0	1	16	45	49	34	20	16	23	13	9	11	237
Patents By Year of Application:	0	0	1	19	39	56	32	28	24	18	10	7	3	0	0	237
MCDONNELL DOUGLAS CORP.																
Patents By Year of Grant:	85	18	49	33	22	19	6	0	3	0	1	0	0	0	0	236
Patents By Year of Application:	147	45	33	6	1	3	1	0	0	0	0	0	0	0	0	236
AT& T Mobility II LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	8	69	74	84	235
Patents By Year of Application:	1	0	0	1	2	11	19	32	48	42	29	30	14	6	0	235
COLUMBIA UNIVERSITY																
Patents By Year of Grant:	29	7	9	9	12	8	5	10	13	18	15	22	22	21	35	235
Patents By Year of Application:	52	12	8	21	19	15	17	18	24	15	10	20	3	1	0	235
HITACHI MAXELL, LTD.																
Patents By Year of Grant:	69	6	6	10	7	9	16	14	12	10	15	12	14	13	22	235
Patents By Year of Application:	86	8	9	15	17	13	16	15	11	13	13	7	9	1	2	235

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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SAMSUNG DISPLAY DEVICES CO., LTD.

Patents By Year of Grant:	24	28	45	34	31	45	20	6	1	1	0	0	0	0	0	235
Patents By Year of Application:	102	34	45	47	4	3	0	0	0	0	0	0	0	0	0	235

FISHER-ROSEMOUNT SYSTEMS, INC.

Patents By Year of Grant:	4	3	11	7	4	7	7	13	16	22	27	21	19	30	42	233
Patents By Year of Application:	26	4	7	22	19	17	22	37	28	16	22	8	5	0	0	233

SANKEN ELECTRIC COMPANY LIMITED

Patents By Year of Grant:	11	0	4	1	4	2	8	11	15	10	21	38	31	37	40	233
Patents By Year of Application:	12	3	2	3	8	11	22	18	29	44	42	23	15	1	0	233

VERIZON LABORATORIES INC.

Patents By Year of Grant:	0	0	0	0	0	21	37	40	20	20	29	14	15	13	24	233
Patents By Year of Application:	3	8	13	66	53	20	22	20	7	11	7	3	0	0	0	233

ATT WIRELESS SERVICES INC

Patents By Year of Grant:	0	2	13	40	18	23	42	37	42	8	6	0	0	1	0	232
Patents By Year of Application:	51	49	24	22	41	17	26	2	0	0	0	0	0	0	0	232

AVID TECHNOLOGY, INC.

Patents By Year of Grant:	14	5	12	18	32	24	25	24	21	11	10	8	6	8	14	232
Patents By Year of Application:	46	35	36	21	25	13	14	15	14	8	2	2	1	0	0	232

UNIVERSITY OF CENTRAL FLORIDA

Patents By Year of Grant:	15	10	7	4	7	13	7	13	18	17	23	15	27	28	28	232
Patents By Year of Application:	30	6	6	12	13	11	19	24	29	20	28	24	9	1	0	232

KOKUSAI DENSHIN DENWA KABUSHIKI KAISHA

Patents By Year of Grant:	93	18	29	42	25	16	6	0	0	2	0	0	0	0	0	231
Patents By Year of Application:	149	47	30	2	3	0	0	0	0	0	0	0	0	0	0	231

QINETIQ LIMITED

Patents By Year of Grant:	0	0	0	0	0	0	15	24	25	25	34	28	31	23	25	230
Patents By Year of Application:	3	0	3	12	18	31	57	56	31	9	8	2	0	0	0	230

READ-RITE CORPORATION

Patents By Year of Grant:	27	10	29	28	26	44	50	15	0	1	0	0	0	0	0	230
Patents By Year of Application:	63	34	44	58	16	10	5	0	0	0	0	0	0	0	0	230

FARADAY TECHNOLOGY CORPORATION

Patents By Year of Grant:	0	0	0	3	2	2	10	14	24	18	37	31	30	23	35	229
Patents By Year of Application:	0	2	2	3	3	17	37	28	37	37	27	21	9	6	0	229

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
FORM FACTOR, INC.																
Patents By Year of Grant:	0	1	1	3	3	10	13	21	24	20	20	25	21	28	39	229
Patents By Year of Application:	9	5	9	9	20	25	23	16	25	21	31	18	14	4	0	229
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION																
Patents By Year of Grant:	27	5	6	3	8	6	8	15	22	18	30	23	29	16	13	229
Patents By Year of Application:	37	6	9	12	20	24	14	19	22	24	29	12	1	0	0	229
SILICON STORAGE TECHNOLOGY, INC.																
Patents By Year of Grant:	16	0	1	2	3	10	13	19	15	32	26	26	21	14	31	229
Patents By Year of Application:	16	1	4	10	14	22	27	35	29	21	9	22	13	6	0	229
PMC-SIERRA LTD.																
Patents By Year of Grant:	7	5	11	10	17	10	23	19	15	9	20	22	21	17	22	228
Patents By Year of Application:	27	13	22	18	27	26	22	9	15	12	20	10	6	1	0	228
QIMONDA AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	30	39	158	228
Patents By Year of Application:	0	0	0	0	1	0	1	3	1	8	55	107	51	1	0	228
UNIVERSITY OF ILLINOIS																
Patents By Year of Grant:	23	10	6	10	9	11	13	11	21	11	22	15	14	21	31	228
Patents By Year of Application:	46	9	7	18	19	15	19	13	24	20	18	13	5	2	0	228
WESTERN ATLAS INTERNATIONAL, INC.																
Patents By Year of Grant:	95	27	37	28	34	5	0	1	0	0	1	0	0	0	0	228
Patents By Year of Application:	148	43	31	4	0	1	1	0	0	0	0	0	0	0	0	228
KABUSHIKI KAISHA YASKAWA DENKI																
Patents By Year of Grant:	9	5	13	4	12	15	10	8	26	16	20	23	22	21	23	227
Patents By Year of Application:	26	4	9	16	11	21	29	44	24	23	15	2	1	2	0	227
NINTENDO CO., LTD.																
Patents By Year of Grant:	24	6	4	9	7	7	15	19	16	12	22	11	17	22	36	227
Patents By Year of Application:	40	11	6	10	38	22	11	9	12	20	30	9	6	3	0	227
NTT MOBILE COMMUNICATIONS NETWORK INC.																
Patents By Year of Grant:	16	25	49	32	33	18	11	14	10	7	1	3	5	2	0	226
Patents By Year of Application:	112	51	21	21	9	1	3	1	1	1	4	1	0	0	0	226
KYOCERA WIRELESS CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	1	1	22	31	47	43	36	34	9	224
Patents By Year of Application:	0	0	0	0	0	30	48	41	36	45	20	4	0	0	0	224

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL	
LAM RESEARCH CORPORATION																	
Patents By Year of Grant:	5	5	19	13	14	10	13	22	14	26	13	18	13	17	22	224	
Patents By Year of Application:	33	12	13	11	22	18	23	18	22	21	10	16	5	0	0	224	
LINCOLN GLOBAL, INC.																	
Patents By Year of Grant:	0	0	0	8	13	18	17	19	15	21	29	27	18	10	28	223	
Patents By Year of Application:	0	1	13	20	18	23	20	30	38	36	18	3	2	1	0	223	
QUANTA COMPUTER INC.																	
Patents By Year of Grant:	1	1	0	0	3	0	2	8	25	23	30	31	32	28	39	223	
Patents By Year of Application:	2	0	2	2	0	5	43	25	26	46	36	23	12	1	0	223	
TAIYO YUDEN CO., LTD.																	
Patents By Year of Grant:	29	0	5	6	13	19	27	12	11	8	19	12	16	13	33	223	
Patents By Year of Application:	33	10	11	22	32	11	10	13	17	16	18	19	10	1	0	223	
IBIDEN CO., LTD.																	
Patents By Year of Grant:	24	0	2	3	2	12	13	17	22	21	6	6	27	19	48	222	
Patents By Year of Application:	28	7	7	11	16	26	26	9	12	16	27	16	14	7	0	222	
LITE-ON TECHNOLOGY CORPORATION																	
Patents By Year of Grant:	1	0	0	1	0	0	0	2	23	20	35	19	32	50	39	222	
Patents By Year of Application:	1	1	0	1	5	13	21	28	36	38	36	28	14	0	0	222	
ALLEN-BRADLEY COMPANY																	
Patents By Year of Grant:	147	45	25	4	0	0	0	0	0	0	0	0	0	0	0	221	
Patents By Year of Application:	214	6	1	0	0	0	0	0	0	0	0	0	0	0	0	221	
HITACHI KOKUSAI ELECTRIC INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	8	7	27	37	32	26	25	23	36	221	
Patents By Year of Application:	0	0	0	1	10	50	44	33	16	28	18	12	5	4	0	221	
HITACHI KOKI COMPANY, LIMITED																	
Patents By Year of Grant:	59	21	18	15	12	14	17	13	6	8	5	2	11	7	12	220	
Patents By Year of Application:	96	10	14	11	22	16	9	10	5	8	12	6	1	0	0	220	
JP MORGAN CHASE BANK, N.A.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	2	8	4	9	27	45	41	84	220	
Patents By Year of Application:	0	1	1	7	20	22	24	31	31	27	27	21	7	1	0	220	
GENESYS TELECOMMUNICATIONS LABORATORIES, INC.																	
Patents By Year of Grant:	0	0	3	25	27	26	31	15	16	8	17	11	11	12	17	219	
Patents By Year of Application:	3	49	39	24	25	10	17	11	16	5	9	10	1	0	0	219	

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
SRI INTERNATIONAL																
Patents By Year of Grant:	26	5	4	4	1	8	9	14	22	14	30	19	17	17	29	219
Patents By Year of Application:	38	3	5	9	33	30	19	8	21	10	21	17	4	0	1	219
TANDEM COMPUTERS INCORPORATED																
Patents By Year of Grant:	92	21	46	36	18	6	0	0	0	0	0	0	0	0	0	219
Patents By Year of Application:	175	31	11	2	0	0	0	0	0	0	0	0	0	0	0	219
ANRITSU CORPORATION																
Patents By Year of Grant:	53	2	11	6	10	6	11	19	22	17	11	10	15	16	9	218
Patents By Year of Application:	65	9	8	10	13	35	17	15	10	20	9	5	2	0	0	218
EBARA CORPORATION																
Patents By Year of Grant:	33	6	15	8	9	11	12	14	14	16	23	19	18	9	11	218
Patents By Year of Application:	55	11	8	6	24	19	13	22	17	15	10	13	5	0	0	218
PRIMAX ELECTRONICS LTD.																
Patents By Year of Grant:	7	3	10	17	23	14	9	16	13	7	9	16	18	22	34	218
Patents By Year of Application:	24	17	30	11	3	10	19	22	15	17	28	12	9	1	0	218
ALCATEL CANADA, INC.																
Patents By Year of Grant:	1	0	0	0	0	14	32	38	31	15	41	35	10	0	0	217
Patents By Year of Application:	1	5	38	61	23	36	48	2	1	1	1	0	0	0	0	217
ROSEMOUNT INC.																
Patents By Year of Grant:	35	8	12	14	8	8	15	20	11	10	11	15	12	15	23	217
Patents By Year of Application:	57	17	8	23	16	11	10	14	15	13	16	14	2	1	0	217
INSTITUT FRANCAIS DU PETROLE																
Patents By Year of Grant:	37	6	17	8	14	11	7	15	12	16	17	10	22	11	13	216
Patents By Year of Application:	58	18	11	12	13	17	19	20	16	15	11	4	2	0	0	216
WESTERNGECO, LLC																
Patents By Year of Grant:	0	0	0	0	0	4	9	16	15	18	9	13	43	30	59	216
Patents By Year of Application:	0	0	0	5	19	18	16	34	17	27	39	29	11	1	0	216
AT& T Intellectual Property, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	39	171	3	2	215
Patents By Year of Application:	0	0	1	0	12	24	44	44	25	25	31	9	0	0	0	215
AVANEX CORPORATION																
Patents By Year of Grant:	0	0	0	0	1	14	22	24	47	39	22	29	11	5	1	215
Patents By Year of Application:	0	0	4	15	30	33	61	38	19	11	2	2	0	0	0	215

ELECTRICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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DAIMLER-BENZ AKTIENGESELLSCHAFT

Patents By Year of Grant:	101	30	40	30	8	6	0	0	0	0	0	0	0	0	0	215
Patents By Year of Application:	173	30	11	1	0	0	0	0	0	0	0	0	0	0	0	215

TELCORDIA TECHNOLOGIES, INC.

Patents By Year of Grant:	0	0	0	14	29	23	17	17	20	23	33	9	7	8	15	215
Patents By Year of Application:	11	15	35	34	24	36	21	5	15	9	8	1	1	0	0	215

TESSERA, INC.

Patents By Year of Grant:	9	4	10	7	14	28	21	15	13	21	14	16	14	13	16	215
Patents By Year of Application:	29	11	17	20	15	23	23	16	23	17	13	8	0	0	0	215

OCE PRINTING SYSTEMS GMBH

Patents By Year of Grant:	0	1	9	13	16	27	13	9	13	11	17	20	28	14	23	214
Patents By Year of Application:	9	13	12	27	26	25	23	39	17	8	9	5	0	1	0	214

Himax Technologies Limited

Patents By Year of Grant:	0	0	0	0	0	0	0	2	4	7	10	23	41	38	87	212
Patents By Year of Application:	0	0	0	1	0	1	14	7	21	39	46	40	34	9	0	212

SIRF TECHNOLOGY, INC.

Patents By Year of Grant:	0	0	0	3	3	7	14	22	19	16	28	19	20	19	42	212
Patents By Year of Application:	3	5	2	7	19	34	39	23	20	16	25	16	3	0	0	212

TELLABS OPERATIONS INC.

Patents By Year of Grant:	1	0	2	2	13	9	9	18	14	15	35	24	29	18	22	211
Patents By Year of Application:	6	13	11	19	27	24	26	15	13	22	19	11	4	1	0	211

WALKER DIGITAL, LLC

Patents By Year of Grant:	0	0	0	0	13	34	22	13	11	11	11	19	18	25	34	211
Patents By Year of Application:	1	23	43	30	31	13	12	8	9	4	24	11	0	2	0	211

PARADYNE CORPORATION

Patents By Year of Grant:	0	15	33	21	28	21	10	15	15	13	22	8	5	2	2	210
Patents By Year of Application:	46	51	28	24	24	14	4	7	4	5	2	0	0	1	0	210

DIEBOLD SELF SERVICE SYSTEMS, A DIVISION OF DIEBOLD, INCORPORATED

Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	12	32	39	43	30	50	209
Patents By Year of Application:	0	0	0	0	0	0	1	32	42	32	49	31	19	3	0	209

MIPS TECHNOLOGIES INC.

Patents By Year of Grant:	1	0	0	3	1	6	8	8	12	4	25	29	14	40	58	209
Patents By Year of Application:	3	5	2	18	23	38	13	6	12	20	48	16	4	1	0	209

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
SIEMENS COMMUNICATIONS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	26	69	42	28	35	9	209
Patents By Year of Application:	0	1	5	14	20	39	50	42	22	11	5	0	0	0	0	209
DISCOVISION ASSOCIATES																
Patents By Year of Grant:	33	27	41	26	28	19	11	4	6	4	6	1	2	0	0	208
Patents By Year of Application:	126	41	9	7	7	11	3	1	2	1	0	0	0	0	0	208
MINDSPEED TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	1	4	44	30	52	24	17	17	19	208
Patents By Year of Application:	1	0	0	11	39	37	39	18	22	25	10	5	0	1	0	208
SUNPLUS TECHNOLOGY CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	7	8	5	8	9	20	31	43	33	44	208
Patents By Year of Application:	0	0	0	6	14	9	3	11	52	61	31	17	3	1	0	208
SBC PROPERTIES, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	13	41	39	54	44	13	2	1	207
Patents By Year of Application:	1	1	5	9	18	22	57	46	24	19	2	3	0	0	0	207
HANNSTAR DISPLAY CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	3	13	31	26	31	20	31	30	20	205
Patents By Year of Application:	0	0	0	0	0	27	32	28	47	22	32	11	3	3	0	205
LUTRON ELECTRONICS COMPANY, INC.																
Patents By Year of Grant:	36	4	6	10	5	8	5	5	9	4	16	15	18	28	35	204
Patents By Year of Application:	53	3	7	7	5	9	5	14	15	9	38	29	6	3	1	204
RF MICRO DEVICES, INC.																
Patents By Year of Grant:	0	2	0	0	1	9	10	14	31	13	21	20	28	31	24	204
Patents By Year of Application:	2	0	0	7	20	20	25	19	24	27	31	20	7	2	0	204
SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM																
Patents By Year of Grant:	91	8	21	17	23	19	10	2	2	2	2	2	2	3	0	204
Patents By Year of Application:	129	19	26	14	4	4	3	3	1	0	0	0	1	0	0	204
SEXTANT AVIONIQUE																
Patents By Year of Grant:	90	23	25	10	22	16	8	8	1	0	0	0	0	0	0	203
Patents By Year of Application:	143	12	22	20	6	0	0	0	0	0	0	0	0	0	0	203
NATIONAL RESEARCH COUNCIL OF CANADA																
Patents By Year of Grant:	56	12	5	15	9	9	9	14	19	11	9	7	11	3	13	202
Patents By Year of Application:	75	15	6	18	8	18	18	11	11	9	7	5	1	0	0	202

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

Pre

1997 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 TOTAL

ITT CORPORATION

Patents By Year of Grant: 168 14 10 7 2 0 0 0 0 0 0 0 0 0 0 201

Patents By Year of Application: 197 3 1 0 0 0 0 0 0 0 0 0 0 0 0 201

SIEBEL SYSTEMS, INC.

Patents By Year of Grant: 0 0 1 2 1 7 5 8 14 8 22 29 19 28 57 201

Patents By Year of Application: 1 1 2 13 9 59 60 21 18 9 3 4 1 0 0 201

ACCENTURE LLP

Patents By Year of Grant: 0 0 0 0 0 2 27 42 22 20 33 9 29 6 10 200

Patents By Year of Application: 1 0 3 100 57 14 9 3 4 4 0 4 1 0 0 200

COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.

Patents By Year of Grant: 0 0 0 0 0 4 156 39 0 0 1 0 0 0 0 200

Patents By Year of Application: 6 14 54 56 36 31 3 0 0 0 0 0 0 0 200

MARVELL WORLD TRADE LTD.

Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 6 9 23 34 45 83 200

Patents By Year of Application: 0 0 0 0 0 0 3 17 22 30 62 32 25 8 1 200

UNITED PARCEL SERVICE OF AMERICA, INC.

Patents By Year of Grant: 46 5 10 11 2 5 4 6 4 7 10 16 19 25 30 200

Patents By Year of Application: 68 9 0 5 5 14 14 11 26 18 16 9 4 1 0 200

Other Organizations (62215)

Patents By Year of Grant: 52496 9871 14388 14262 14893 16110 17285 18473 20216 18686 24370 22361 23150 25215 34508 326284

Patents By Year of Application: 80670 16288 17040 19548 22685 25474 25796 24793 24417 23365 21356 15677 7260 1732 183 326284