

TECHNOLOGY ASSESSMENT AND FORECAST REPORT

ELECTRICAL CLASSES

1/1993 – 12/2012



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U.S. PATENT AND TRADEMARK OFFICE
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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 **1993** and **December 2012** 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 1999**" column, correspond to selected patents in the database which were granted during the period **1993 to 1998**.

Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since 1993. 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 **32** 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 PTO processing such as occurred in 1986 and 2005 when the PTO issued fewer patents than would normally have 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 1999**" column, correspond to patent grants in the report which were filed prior to **1999**.

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 1993. 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 2012, patent grant data, as distributed by year of application are approximately 95% complete for utility patent applications filed in 2004, 89% complete for applications filed in 2005, 80% complete for applications filed in 2006, 67% complete for applications filed in 2007, 49% complete for applications filed in 2008, 36% complete for applications filed in 2009, and 19% complete for applications filed in 2010; data are essentially complete for applications filed prior to 2004.

CHEMICAL, ELECTRICAL, MECHANICAL CLASSES

DECEMBER 2012

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 2012
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

ELECTRICAL CLASSES																	Page A1- 1
----- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1993 - Dec 31, 2012) -----																	
----- NUMBER OF PATENTS -----																	
	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total	
Total	215047	54439	56381	60316	64053	67813	73113	67000	88404	80750	84385	91651	116744	120319	139072	1379487	
U.S. Origin	107845	28236	29495	31387	32423	34225	36861	33862	44827	39661	40518	43948	55592	56126	63828	678834	
Foreign Origin	107202	26203	26886	28929	31630	33588	36252	33138	43577	41089	43867	47703	61152	64193	75244	700653	
JAPAN	68389	15362	15213	15979	17308	18227	19183	17129	22146	19816	20349	21951	26759	27804	31190	356805	
KOREA, SOUTH	5387	2076	1937	1989	2004	2162	2563	2608	3796	4144	5179	5972	8009	8522	9448	65796	
GERMANY	7892	1949	2274	2656	2897	3187	3342	3077	3683	3486	3560	3719	4980	4689	5391	56782	
TAIWAN	2673	989	1197	1362	1816	1959	2383	2293	3175	3410	3642	3975	5002	5457	6979	46312	
UNITED KINGDOM	4207	1069	1093	1223	1290	1279	1405	1360	1646	1499	1486	1618	1979	2009	2463	25626	
CANADA	2924	856	934	1007	1030	1087	1298	1139	1556	1537	1678	1853	2532	2645	3211	25287	
FRANCE	4910	1046	1055	1073	1196	1152	1199	1107	1396	1224	1325	1316	1873	1845	2253	23970	
ISRAEL	1143	333	375	461	508	633	617	578	782	732	772	932	1194	1330	1717	12107	
NETHERLANDS	2064	484	463	487	562	565	579	446	755	697	770	717	824	908	1011	11332	
CHINA, PEOPLE'S REPUB	76	19	15	34	72	82	158	156	304	418	752	1002	1660	1995	3070	9813	
SWEDEN	1371	458	547	595	633	556	490	462	548	417	422	453	649	842	1144	9587	
FINLAND	789	268	270	326	407	474	530	433	642	633	583	613	805	683	742	8198	
ITALY	1328	288	363	426	433	435	396	363	464	397	431	434	512	596	705	7571	
SWITZERLAND	1209	239	239	254	286	303	362	305	370	339	382	443	529	555	584	6399	
AUSTRALIA	451	105	133	134	164	217	291	260	462	477	431	422	581	691	547	5366	
INDIA	44	9	16	35	46	91	115	163	221	308	403	444	788	899	1235	4817	
SINGAPORE	194	64	89	110	172	198	250	184	234	230	252	260	340	367	494	3438	
AUSTRIA	281	74	99	100	106	154	155	154	220	159	187	205	294	322	366	2876	
BELGIUM	458	99	120	117	111	126	152	141	170	159	156	174	244	222	284	2733	
CHINA, HONG KONG S.A.	185	62	66	80	76	93	132	126	137	137	132	139	192	216	268	2041	
DENMARK	139	65	59	67	78	110	118	102	148	132	130	146	195	234	292	2015	
IRELAND	134	26	43	68	66	81	103	73	103	98	102	107	143	167	204	1518	
RUSSIAN FEDERATION	149	68	57	80	68	86	67	63	82	81	94	100	130	164	208	1497	
NORWAY	143	37	38	40	51	55	66	72	85	104	127	99	158	141	193	1409	
SPAIN	130	21	40	39	45	42	59	66	84	82	111	117	123	162	245	1366	
MALAYSIA	25	13	16	14	18	19	31	48	73	108	108	113	139	101	124	950	
NEW ZEALAND	71	19	26	28	29	30	24	31	36	33	34	49	51	62	81	604	
BRAZIL	38	11	8	14	17	17	20	15	18	20	24	35	47	49	55	388	
HUNGARY	29	10	5	13	8	31	10	17	18	19	24	23	36	55	63	361	
SOUTH AFRICA	87	11	17	19	20	16	20	18	21	12	23	17	23	25	31	360	
CZECH REPUBLIC	7	4	6	5	13	15	9	11	11	16	26	18	34	44	87	306	
MEXICO	21	11	11	11	13	20	26	29	22	19	12	14	32	24	39	304	
POLAND	6	2	1	3	3	2	6	9	12	14	22	19	17	20	41	177	
GREECE	17	7	3	5	1	4	3	8	11	10	8	16	15	27	41	176	
SAUDI ARABIA	10	2	1	3	1	6	1	4	7	3	12	10	27	22	67	176	
BULGARIA	2			1	1	1	1	2	3	3	14	36	54	40	18	175	
Others (95)	219	47	57	72	81	73	88	86	136	116	104	142	182	259	353	2015	
Ownership:																	
U.S. Corporations	99252	26455	27448	29389	30147	31789	34483	31911	42079	37248	38939	42280	53330	54449	62630	641829	
U.S. Government	2415	326	348	334	329	311	293	279	324	307	251	267	369	333	409	6895	
U.S. Individuals	11526	2567	2630	2526	2441	2436	2463	2175	2961	2503	2399	2508	3530	3058	3366	49089	
Foreign Corporations	96941	24064	24889	26950	29887	32084	34748	31593	41766	39550	41811	45379	58027	61227	71108	660024	
Foreign Government	538	48	31	21	40	29	23	25	21	36	14	38	76	61	97	1098	
Foreign Individuals	4375	979	1035	1096	1209	1164	1103	1017	1253	1106	971	1179	1412	1191	1462	20552	

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1993 - Dec 31, 2012) ----

	PERCENT OF PATENTS															
	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	50	52	52	52	51	50	50	51	51	49	48	48	48	47	46	49
Foreign Origin	50	48	48	48	49	50	50	49	49	51	52	52	52	53	54	51
JAPAN	32	28	27	26	27	27	26	26	25	25	24	24	23	23	22	26
KOREA, SOUTH	3	4	3	3	3	3	4	4	4	5	6	7	7	7	7	5
GERMANY	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4	4
TAIWAN	1	2	2	2	3	3	3	3	4	4	4	4	4	5	5	3
UNITED KINGDOM	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CANADA	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
FRANCE	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
ISRAEL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NETHERLANDS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CHINA, PEOPLE'S REPUB										1	1	1	1	2	2	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	1	1
ITALY	1	1	1	1	1	1	1	1	1		1				1	1
SWITZERLAND	1															0
AUSTRALIA									1	1	1			1		0
INDIA													1	1	1	0
SINGAPORE																0
AUSTRIA																0
BELGIUM																0
CHINA, HONG KONG S.A.																0
DENMARK																0
IRELAND																0
RUSSIAN FEDERATION																0
NORWAY																0
SPAIN																0
MALAYSIA																0
NEW ZEALAND																0
BRAZIL																0
HUNGARY																0
SOUTH AFRICA																0
CZECH REPUBLIC																0
MEXICO																0
POLAND																0
GREECE																0
SAUDI ARABIA																0
BULGARIA																0
Others (95)																0
Ownership:																
U.S. Corporations	46	49	49	49	47	47	47	48	48	46	46	46	46	45	45	47
U.S. Government	1	1	1	1	1											0
U.S. Individuals	5	5	5	4	4	4	3	3	3	3	3	3	3	3	2	4
Foreign Corporations	45	44	44	45	47	47	48	47	47	49	50	50	50	51	51	48
Foreign Government																0
Foreign Individuals	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1

Part A2

Patent Grants as Distributed By Year of Patent Application

----- Technology Assessment and Forecast Report -----																
ELECTRICAL CLASSES															Page A2- 1	
----- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1993 - Dec 31, 2012) -----																
	NUMBER OF PATENTED APPLICATIONS															
	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Total	364634	73130	82751	90020	91424	92721	96460	99971	99668	96324	84937	60391	32895	12574	1587	1379487
U.S. Origin	187611	39058	43756	45793	45803	45689	46491	47210	45556	44493	38148	26542	14980	6773	931	678834
Foreign Origin	177023	34072	38995	44227	45621	47032	49969	52761	54112	51831	46789	33849	17915	5801	656	700653
JAPAN	108639	17797	20457	22824	21690	22328	22908	25278	24340	23084	20935	15293	8177	2771	284	356805
KOREA, SOUTH	10631	2166	2472	2842	3393	4372	5793	6274	7356	7066	6061	4430	2144	704	92	65796
GERMANY	13058	3222	3779	4232	5033	4445	4554	4378	4301	3925	3146	1749	743	189	28	56782
TAIWAN	4816	1631	1627	2238	2934	3340	3883	3989	4479	4768	5020	4427	2588	510	62	46312
UNITED KINGDOM	7454	1581	1747	2058	2102	1861	1701	1597	1514	1476	1294	707	360	154	20	25626
CANADA	5589	1301	1487	1560	1681	1774	1885	1876	2101	1903	1670	1222	772	415	51	25287
FRANCE	7613	1423	1615	1602	1769	1698	1509	1552	1578	1483	1086	635	309	88	10	23970
ISRAEL	2180	736	785	919	917	801	801	949	1037	1042	893	614	295	128	10	12107
NETHERLANDS	3347	554	624	820	887	927	1128	810	782	588	433	241	130	54	7	11332
CHINA, PEOPLE'S REPUB	121	45	123	189	291	393	614	873	1409	1423	1665	1547	892	209	19	9813
SWEDEN	2895	738	774	712	601	575	562	589	686	602	422	260	94	62	15	9587
FINLAND	1639	605	787	903	720	685	705	581	513	404	350	194	81	27	4	8198
ITALY	2123	425	471	590	571	594	509	527	491	452	407	260	109	39	3	7571
SWITZERLAND	1782	366	371	451	479	440	413	423	471	398	416	232	116	36	5	6399
AUSTRALIA	858	222	386	348	462	466	574	477	341	369	385	232	164	78	4	5366
INDIA	80	77	118	163	262	394	409	503	583	704	752	462	229	73	8	4817
SINGAPORE	432	155	214	275	283	270	300	312	322	307	247	160	125	30	6	3438
AUSTRIA	476	147	137	194	239	240	235	237	253	282	205	142	69	18	2	2876
BELGIUM	764	158	160	161	186	236	198	210	210	160	139	85	48	18		2733
CHINA, HONG KONG S.A.	325	82	101	163	142	160	156	137	173	184	181	154	63	18	2	2041
DENMARK	299	132	113	199	217	143	150	135	180	134	152	106	41	12	2	2015
IRELAND	253	70	119	107	136	98	113	140	99	130	108	86	36	20	3	1518
RUSSIAN FEDERATION	299	87	110	114	72	116	99	105	120	112	103	83	35	37	5	1497
NORWAY	234	65	85	93	106	121	108	143	141	129	93	56	20	14	1	1409
SPAIN	198	58	62	95	94	114	101	140	123	136	97	81	43	21	3	1366
MALAYSIA	53	24	23	30	38	92	126	125	119	123	101	62	25	8	1	950
NEW ZEALAND	129	29	42	54	53	54	50	37	32	43	36	26	10	8	1	604
BRAZIL	60	17	16	22	28	39	39	32	26	42	29	25	10	3		388
HUNGARY	53	21	20	30	31	22	26	35	22	35	31	11	17	5	2	361
SOUTH AFRICA	126	20	25	32	24	18	25	20	25	19	7	9	8	2		360
CZECH REPUBLIC	17	9	12	19	15	11	20	21	30	34	46	44	20	3	5	306
MEXICO	50	20	23	34	22	27	15	21	27	18	23	12	10	2		304
POLAND	11	4	6	10	17	17	15	23	18	14	20	16	2	4		177
GREECE	33	4	1	5	11	13	14	12	19	17	19	13	8	7		176
SAUDI ARABIA	18	1	2	4	5	6	15	11	14	10	23	36	26	5		176
BULGARIA	2	1	1	1	4	15	66	38	20	9	9	4	4	1		175
Others (95)	366	79	100	134	106	127	150	151	157	206	185	133	92	28	1	2015
Ownership:																
U.S. Corporations	174231	36428	40665	43095	43622	43352	43887	45264	43719	42746	38001	25421	14107	6434	857	641829
U.S. Government	3260	314	349	353	345	323	327	348	274	310	262	261	123	43	3	6895
U.S. Individuals	17603	2898	3236	3003	2949	2917	2809	2817	2827	2703	2157	1664	1004	424	78	49089
Foreign Corporations	162291	32205	37081	41969	42944	44641	48172	50279	51560	49424	43635	32361	17276	5550	636	660024
Foreign Government	629	32	35	32	35	41	45	42	43	63	53	33	13	2		1098
Foreign Individuals	6620	1253	1385	1568	1529	1447	1220	1221	1245	1078	829	651	372	121	13	20552

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, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	8214	2224	2249	2662	2621	2814	2774	2540	3204	2755	3654	4344	5185	5527	5854	56621
Patents By Year of Application:	15419	3669	3715	3461	3106	3441	3284	3267	3216	4696	6384	1983	712	219	49	56621
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	2673	1130	1029	1075	952	938	1171	1210	1814	2127	2769	2875	3730	4075	4356	31924
Patents By Year of Application:	5587	1123	1040	1212	1513	2229	2838	3069	3741	3738	2826	1831	879	257	41	31924
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	5732	1257	1257	1218	1201	1296	1249	1320	1858	1558	1638	1678	1919	2124	2474	27779
Patents By Year of Application:	9964	1396	1300	1491	1272	1574	1663	2068	1683	1696	1560	1248	646	189	29	27779
SONY CORPORATION																
Patents By Year of Grant:	4021	1155	1119	1141	1189	1078	1078	949	1534	1225	1307	1477	1845	2026	2762	23906
Patents By Year of Application:	7492	1432	1444	1604	1305	1341	1354	1904	1480	1461	1307	1067	545	152	18	23906
TOSHIBA CORPORATION																
Patents By Year of Grant:	4599	948	960	864	870	965	1085	1073	1400	1274	1355	1401	1778	2008	1998	22578
Patents By Year of Application:	6935	892	959	1141	1261	1277	1472	1387	1537	1603	1443	1373	947	319	32	22578
FUJITSU LIMITED																
Patents By Year of Grant:	3959	1023	957	1015	1037	1128	1125	1013	1339	1148	1303	1074	1187	1283	1427	20018
Patents By Year of Application:	6996	1118	1273	1445	1216	1056	1240	1462	1102	939	854	861	372	77	7	20018
MICROSOFT CORPORATION																
Patents By Year of Grant:	705	348	342	393	495	493	618	732	1451	1613	2011	2879	3039	2274	2561	19954
Patents By Year of Application:	2082	760	1059	929	1113	1729	2884	3335	2036	1685	1214	622	341	150	15	19954
HITACHI, LTD																
Patents By Year of Grant:	4300	790	794	904	1181	1360	1142	959	1397	1130	1094	887	1216	1252	1265	19671
Patents By Year of Application:	6280	1004	1218	1598	1439	1202	1386	1094	1102	999	1158	629	354	195	13	19671
INTEL CORPORATION																
Patents By Year of Grant:	1959	662	700	717	947	1394	1378	1293	1671	1572	1514	1325	1439	1113	1182	18866
Patents By Year of Application:	4256	1266	1588	1602	1752	1853	1624	1384	1220	940	595	422	225	127	12	18866
NEC CORPORATION																
Patents By Year of Grant:	5293	1495	1576	1510	1439	1011	743	603	686	560	490	475	605	554	757	17797
Patents By Year of Application:	9311	1739	1453	1168	748	572	524	596	519	475	376	227	58	28	3	17797
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	3457	763	794	1012	1148	1314	1432	1273	1791	1555	1183	32	8	5	2	15769
Patents By Year of Application:	5614	1192	1522	1733	1529	1602	1319	755	393	104	3	1	2	0	0	15769

ELECTRICAL CLASSES

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---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	4376	809	772	854	1043	963	610	487	478	377	394	413	553	471	565	13165
Patents By Year of Application:	6226	845	1007	1137	809	491	511	461	477	531	322	216	89	39	4	13165
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.																
Patents By Year of Grant:	0	0	0	0	0	882	1245	1328	1703	1168	1159	992	1156	1057	1170	11860
Patents By Year of Application:	125	313	931	1765	1712	1984	1405	1176	726	730	435	352	162	41	3	11860
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	722	528	659	833	946	946	1009	929	976	939	828	633	573	652	669	11842
Patents By Year of Application:	2253	842	958	1050	1125	913	1022	865	928	523	443	373	349	182	16	11842
MOTOROLA, INC.																
Patents By Year of Grant:	4968	985	993	641	554	496	494	416	532	396	317	330	384	26	1	11533
Patents By Year of Application:	7237	585	803	560	628	530	391	337	303	131	25	3	0	0	0	11533
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	2267	457	492	584	557	607	677	590	703	602	622	530	674	647	717	10726
Patents By Year of Application:	3612	626	657	771	772	748	561	604	527	529	514	397	274	126	8	10726
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	1702	440	571	513	472	452	535	504	635	530	542	533	675	648	723	9475
Patents By Year of Application:	2878	711	662	722	716	626	643	580	569	494	462	318	80	14	0	9475
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	2020	398	451	414	404	384	435	387	583	544	487	534	656	737	976	9410
Patents By Year of Application:	3130	384	552	545	485	641	626	651	698	631	521	317	175	49	5	9410
RICOH COMPANY, LTD.																
Patents By Year of Grant:	1373	288	306	263	233	287	420	359	565	615	678	825	982	974	1089	9257
Patents By Year of Application:	2083	355	352	443	545	695	670	717	897	866	878	521	166	66	3	9257
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	704	154	187	247	312	446	489	538	764	734	773	843	882	887	819	8779
Patents By Year of Application:	1234	331	421	577	630	738	933	886	776	711	690	471	277	100	4	8779
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	1758	292	310	461	526	402	416	387	482	433	445	491	575	665	734	8377
Patents By Year of Application:	2492	573	608	460	410	503	496	562	533	546	516	383	230	59	6	8377
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	1678	911	1078	895	600	581	505	389	541	418	387	4	0	0	0	7987
Patents By Year of Application:	4433	1160	778	399	379	457	230	107	33	11	0	0	0	0	0	7987

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
Panasonic Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	205	1432	1979	2087	2215	7918
Patents By Year of Application:	3	2	11	26	82	240	644	1187	1426	1465	1244	820	477	260	31	7918
LG ELECTRONICS INC.																
Patents By Year of Grant:	234	164	171	186	234	294	320	312	523	431	561	791	1140	1118	1293	7772
Patents By Year of Application:	757	248	380	499	482	536	726	713	922	901	648	553	292	99	16	7772
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
Patents By Year of Grant:	0	0	0	6	695	1112	1044	684	824	502	436	437	577	575	675	7567
Patents By Year of Application:	235	548	973	1524	1217	743	622	510	460	397	189	99	32	13	5	7567
CISCO TECHNOLOGY, INC.																
Patents By Year of Grant:	19	42	103	158	216	330	424	438	642	572	698	902	1109	966	946	7565
Patents By Year of Application:	444	522	680	634	649	691	695	977	828	615	421	269	88	46	6	7565
XEROX CORPORATION																
Patents By Year of Grant:	2278	398	313	387	363	368	299	273	340	331	326	328	460	492	608	7564
Patents By Year of Application:	3273	541	451	318	333	318	285	515	375	330	423	273	103	22	4	7564
SUN MICROSYSTEMS, INC.																
Patents By Year of Grant:	855	540	449	421	481	539	658	625	765	602	505	550	196	3	1	7190
Patents By Year of Application:	2353	555	671	850	970	605	488	359	253	64	22	0	0	0	0	7190
BROADCOM CORPORATION																
Patents By Year of Grant:	4	0	6	42	74	166	296	408	655	524	634	709	954	1156	1152	6780
Patents By Year of Application:	26	92	230	358	664	687	902	775	720	781	508	512	325	176	24	6780
TELEFONAKTIEBOLAGET LM ERICSSON																
Patents By Year of Grant:	624	346	437	469	484	451	384	326	353	247	262	247	387	529	840	6386
Patents By Year of Application:	1966	603	683	520	366	311	386	355	360	339	272	156	42	22	5	6386
INFINEON TECHNOLOGIES AG																
Patents By Year of Grant:	0	0	26	164	321	459	563	572	679	675	657	493	612	485	350	6056
Patents By Year of Application:	70	121	350	654	829	725	741	795	659	520	323	156	86	26	1	6056
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	2068	364	332	249	209	234	325	313	393	268	175	174	196	148	196	5644
Patents By Year of Application:	2961	235	385	299	353	339	290	217	160	133	100	105	50	14	3	5644
QUALCOMM, INC.																
Patents By Year of Grant:	212	105	98	171	195	178	282	200	398	276	286	353	654	916	1286	5610
Patents By Year of Application:	595	280	226	420	426	380	411	517	690	523	535	414	165	24	4	5610

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ADVANCED MICRO DEVICES, INC.																
Patents By Year of Grant:	1010	533	591	514	556	478	475	334	276	216	111	113	109	126	126	5568
Patents By Year of Application:	2396	542	657	525	464	266	194	140	100	104	78	59	32	6	5	5568
NOKIA CORPORATION																
Patents By Year of Grant:	0	0	0	5	41	201	348	323	586	662	596	638	744	573	594	5311
Patents By Year of Application:	23	205	402	726	766	712	693	536	486	318	263	125	47	8	1	5311
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	2086	578	590	584	640	220	0	5	8	3	0	0	9	24	5	4752
Patents By Year of Application:	3601	539	337	225	15	2	3	7	6	5	6	4	1	1	0	4752
AT&T CORP.																
Patents By Year of Grant:	1921	274	288	280	279	205	212	197	264	272	247	140	84	5	3	4671
Patents By Year of Application:	2888	290	267	301	217	139	148	242	94	58	24	3	0	0	0	4671
NIKON CORPORATION																
Patents By Year of Grant:	1689	307	220	220	194	251	199	165	132	122	148	143	201	274	319	4584
Patents By Year of Application:	2291	237	280	255	169	159	123	232	221	200	211	108	79	18	1	4584
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	2512	603	597	594	215	3	2	0	2	0	0	0	1	0	2	4531
Patents By Year of Application:	4003	380	133	14	0	0	0	0	0	0	0	1	0	0	0	4531
DENSO CORPORATION																
Patents By Year of Grant:	41	131	152	191	230	239	303	267	367	377	346	418	481	382	492	4417
Patents By Year of Application:	347	211	214	300	317	333	355	470	478	492	445	281	147	25	2	4417
Apple, Inc.																
Patents By Year of Grant:	803	165	84	94	72	74	90	82	104	109	178	274	534	634	1077	4374
Patents By Year of Application:	1182	81	75	107	141	203	227	260	399	488	417	366	252	150	26	4374
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	545	150	144	182	219	226	261	237	373	319	320	321	361	320	293	4271
Patents By Year of Application:	977	217	291	318	328	325	319	350	324	290	258	172	85	17	0	4271
ROBERT BOSCH GMBH																
Patents By Year of Grant:	571	171	219	277	276	282	336	276	262	278	191	212	307	283	284	4225
Patents By Year of Application:	1035	298	353	378	552	398	254	286	208	200	149	85	24	4	1	4225
NORTEL NETWORKS LIMITED																
Patents By Year of Grant:	0	88	376	455	400	429	489	372	314	268	270	245	180	178	15	4079
Patents By Year of Application:	1165	689	695	306	329	321	233	106	105	47	38	27	16	2	0	4079

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
FUJI XEROX CO., LTD.																
Patents By Year of Grant:	752	168	124	108	119	117	128	129	178	236	228	321	433	447	557	4045
Patents By Year of Application:	1118	159	169	160	141	277	218	322	441	317	315	282	115	10	1	4045
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																
Patents By Year of Grant:	240	95	94	127	145	173	209	198	249	261	287	343	485	495	589	3990
Patents By Year of Application:	575	173	183	229	251	274	382	338	368	340	248	237	235	143	14	3990
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	963	226	219	252	282	363	435	355	453	146	5	6	0	0	0	3705
Patents By Year of Application:	1602	356	464	463	312	258	163	75	12	0	0	0	0	0	0	3705
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	33	117	142	163	276	210	291	288	354	386	494	474	474	3702
Patents By Year of Application:	108	106	209	234	286	276	361	464	449	458	425	211	104	11	0	3702
HYNIX SEMICONDUCTOR INC.																
Patents By Year of Grant:	0	0	0	3	44	121	160	190	286	274	294	394	686	692	467	3611
Patents By Year of Application:	7	10	26	129	207	222	313	306	400	554	665	465	223	81	3	3611
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	373	130	208	223	261	300	327	213	196	118	147	163	224	274	264	3421
Patents By Year of Application:	866	276	293	379	264	256	143	143	158	179	168	171	73	46	6	3421
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	413	104	80	86	55	52	72	63	102	128	210	265	411	515	649	3205
Patents By Year of Application:	687	71	57	52	75	155	177	241	418	350	412	312	148	43	7	3205
MURATA MANUFACTURING CO., LTD.																
Patents By Year of Grant:	493	202	213	229	312	305	253	169	124	79	124	130	143	148	221	3145
Patents By Year of Application:	938	235	330	287	253	208	137	71	54	127	149	174	110	63	9	3145
RENESAS TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	11	707	482	484	407	413	273	280	8	0	3065
Patents By Year of Application:	15	25	77	218	572	593	379	388	350	282	129	36	0	1	0	3065
NATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	808	157	144	136	159	187	179	193	223	186	157	168	155	136	72	3060
Patents By Year of Application:	1146	142	177	200	225	233	241	210	127	173	97	38	34	17	0	3060
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE																
Patents By Year of Grant:	173	99	94	56	76	81	63	91	153	181	229	279	432	450	579	3036
Patents By Year of Application:	430	62	71	93	172	232	279	324	366	366	301	243	88	7	2	3036

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---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	450	121	125	148	149	120	158	166	185	184	175	179	255	291	329	3035
Patents By Year of Application:	725	122	195	149	220	235	222	254	207	204	257	163	69	13	0	3035
AGILENT TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	82	240	236	303	538	456	376	219	207	128	95	76	68	3024
Patents By Year of Application:	222	257	291	380	545	458	280	240	170	77	46	41	15	2	0	3024
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	934	155	178	139	178	158	159	140	143	156	108	109	137	145	184	3023
Patents By Year of Application:	1368	131	157	171	162	163	144	133	106	143	126	126	72	20	1	3023
OKI ELECTRIC INDUSTRY CO., LTD.																
Patents By Year of Grant:	477	168	190	241	251	217	210	235	249	213	174	78	59	60	83	2905
Patents By Year of Application:	970	213	259	230	282	273	211	170	117	69	48	42	20	1	0	2905
RESEARCH IN MOTION LIMITED																
Patents By Year of Grant:	12	4	7	8	15	12	14	24	80	125	198	303	471	652	974	2899
Patents By Year of Application:	25	10	17	40	64	93	327	342	401	339	289	377	315	227	33	2899
LSI LOGIC CORPORATION																
Patents By Year of Grant:	467	261	239	235	236	294	310	280	342	92	98	26	7	1	1	2889
Patents By Year of Application:	1210	179	214	416	372	269	125	73	18	8	4	1	0	0	0	2889
BOEING COMPANY																
Patents By Year of Grant:	210	33	35	53	70	101	167	169	245	211	219	283	333	348	347	2824
Patents By Year of Application:	305	47	77	184	241	294	246	289	342	286	276	153	64	20	0	2824
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																
Patents By Year of Grant:	394	106	100	81	105	96	101	78	150	139	188	267	300	323	396	2824
Patents By Year of Application:	614	117	107	114	119	142	174	209	273	294	287	264	96	12	2	2824
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	945	298	247	221	182	172	191	140	164	109	48	38	32	21	8	2816
Patents By Year of Application:	1663	280	287	244	164	116	18	11	9	12	7	1	3	1	0	2816
Fujifilm Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	333	428	493	565	492	488	2799
Patents By Year of Application:	3	4	37	74	112	193	253	436	494	371	384	292	115	29	2	2799
XILINX, INC.																
Patents By Year of Grant:	235	92	114	122	140	130	129	168	255	229	239	257	256	201	226	2793
Patents By Year of Application:	450	113	181	144	198	262	293	286	211	188	210	160	89	8	0	2793

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	96	74	60	89	113	127	128	183	248	269	220	211	274	228	421	2741
Patents By Year of Application:	226	97	94	129	201	243	366	279	276	270	164	106	236	48	6	2741
AT& T Intellectual Property I, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	139	417	472	716	875	2619
Patents By Year of Application:	1	6	13	36	82	178	182	331	360	429	496	356	94	52	3	2619
HON HAI PRECISION IND. CO., LTD.																
Patents By Year of Grant:	2	12	30	46	76	93	157	77	152	125	203	292	365	397	555	2582
Patents By Year of Application:	34	57	54	110	168	117	190	135	338	300	346	354	342	34	3	2582
SAP AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	2	7	7	2	8	19	52	149	244	380	647	476	506	2499
Patents By Year of Application:	12	4	3	19	172	325	550	453	369	260	161	90	61	17	3	2499
TDK CORPORATION																
Patents By Year of Grant:	151	51	80	120	137	129	114	97	201	229	224	229	243	252	224	2481
Patents By Year of Application:	316	137	139	157	107	155	273	244	257	264	183	143	89	16	1	2481
EMC CORPORATION																
Patents By Year of Grant:	112	65	74	83	91	130	123	127	155	161	183	245	305	278	318	2450
Patents By Year of Application:	356	118	173	187	158	147	240	211	347	262	111	55	53	28	4	2450
THOMSON LICENSING S.A.																
Patents By Year of Grant:	0	0	43	86	132	172	176	140	246	214	192	185	265	264	322	2437
Patents By Year of Application:	172	212	263	286	309	307	271	191	168	117	67	48	24	2	0	2437
YAMAHA CORPORATION																
Patents By Year of Grant:	677	151	80	77	91	77	83	110	135	139	161	159	143	160	159	2402
Patents By Year of Application:	946	91	117	135	143	175	143	176	136	118	113	54	47	7	1	2402
ALTERA CORPORATION																
Patents By Year of Grant:	157	64	95	111	84	62	83	109	193	257	251	217	236	220	243	2382
Patents By Year of Application:	354	82	77	99	149	216	282	266	233	192	180	124	84	42	2	2382
MEDTRONIC INC.																
Patents By Year of Grant:	355	100	116	95	94	86	99	97	161	163	87	141	239	228	275	2336
Patents By Year of Application:	573	119	132	174	150	232	151	175	206	165	80	108	54	16	1	2336
LG Display Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	214	482	594	511	523	2324
Patents By Year of Application:	1	1	8	26	29	54	249	434	590	296	270	193	116	47	10	2324

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ROHM CO., LTD.																
Patents By Year of Grant:	555	87	94	108	125	110	117	102	140	122	136	107	143	195	156	2297
Patents By Year of Application:	772	111	141	123	118	139	170	179	156	111	152	71	42	12	0	2297
RAYTHEON COMPANY																
Patents By Year of Grant:	244	164	145	144	115	137	149	106	166	93	97	126	140	194	260	2280
Patents By Year of Application:	642	100	124	146	166	150	147	139	112	152	140	182	67	13	0	2280
MARVELL INTERNATIONAL LTD.																
Patents By Year of Grant:	0	0	0	5	21	17	27	51	107	160	178	241	379	500	581	2267
Patents By Year of Application:	1	3	51	21	90	121	193	177	228	383	403	243	213	119	21	2267
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	1027	169	222	200	205	170	91	66	48	22	13	13	6	4	2	2258
Patents By Year of Application:	1484	215	215	158	91	47	15	13	9	5	2	0	4	0	0	2258
FREESCALE SEMICONDUCTOR, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	91	172	210	218	228	252	350	372	361	2254
Patents By Year of Application:	1	7	42	71	170	213	185	340	340	292	270	200	94	26	3	2254
ORACLE INTERNATIONAL CORPORATION																
Patents By Year of Grant:	0	0	0	0	2	36	93	93	174	168	201	203	371	438	462	2241
Patents By Year of Application:	7	37	113	207	241	262	255	245	200	275	188	118	61	32	0	2241
DELL PRODUCTS, L.P.																
Patents By Year of Grant:	328	80	80	118	96	121	116	119	106	119	147	177	170	208	228	2213
Patents By Year of Application:	529	191	120	139	100	155	125	153	181	179	187	99	35	17	3	2213
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	231	105	85	82	74	57	61	68	90	86	102	134	238	349	448	2210
Patents By Year of Application:	446	71	74	83	66	108	132	160	285	321	288	141	22	12	1	2210
ALCATEL																
Patents By Year of Grant:	0	41	189	252	230	227	266	195	234	149	149	126	85	23	0	2166
Patents By Year of Application:	414	373	311	284	247	189	186	103	54	3	1	1	0	0	0	2166
LOCKHEED MARTIN CORPORATION																
Patents By Year of Grant:	109	82	102	89	103	111	121	137	164	167	152	151	201	208	230	2127
Patents By Year of Application:	329	120	105	177	177	199	171	154	171	153	186	120	55	9	1	2127
GOOGLE, INC.																
Patents By Year of Grant:	0	0	0	0	0	4	3	7	16	32	58	140	275	423	1139	2097
Patents By Year of Application:	1	0	16	12	14	121	177	177	199	262	242	226	185	428	37	2097

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.																
Patents By Year of Grant:	0	0	0	0	0	39	102	143	222	236	244	288	251	238	265	2028
Patents By Year of Application:	8	5	32	99	116	212	293	348	288	271	173	130	39	10	4	2028
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	238	111	132	190	164	197	199	173	153	143	118	75	42	52	37	2024
Patents By Year of Application:	514	184	217	230	169	188	152	140	73	62	44	27	19	5	0	2024
NEC ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	188	204	164	179	222	233	332	411	7	0	1940
Patents By Year of Application:	7	42	112	162	184	209	188	347	312	213	135	27	2	0	0	1940
PIONEER CORPORATION																
Patents By Year of Grant:	0	0	3	40	118	189	224	201	248	209	150	135	135	157	105	1914
Patents By Year of Application:	6	106	217	285	311	254	183	239	171	120	12	5	3	2	0	1914
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	3	52	125	179	211	175	133	144	139	137	121	88	125	141	125	1898
Patents By Year of Application:	199	178	214	225	169	188	141	146	117	103	109	57	39	13	0	1898
AGERE SYSTEMS INC.																
Patents By Year of Grant:	0	0	0	10	35	247	223	144	211	171	163	189	221	152	127	1893
Patents By Year of Application:	51	208	211	231	150	154	187	189	199	137	107	48	14	7	0	1893
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	406	87	87	79	100	112	121	128	144	96	76	92	98	108	103	1837
Patents By Year of Application:	634	100	116	166	131	137	107	113	117	80	66	48	15	5	2	1837
ERICSSON, INC.																
Patents By Year of Grant:	299	277	300	256	247	178	109	59	46	24	8	2	1	1	2	1809
Patents By Year of Application:	1194	303	159	104	33	8	5	0	1	1	1	0	0	0	0	1809
CARDIAC PACEMAKERS, INC.																
Patents By Year of Grant:	80	27	52	58	84	86	70	96	126	140	125	150	193	263	254	1804
Patents By Year of Application:	160	92	121	129	135	171	185	199	162	124	99	106	80	38	3	1804
Renesas Electronics Corp.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	116	811	872	1799
Patents By Year of Application:	0	0	0	0	2	3	5	27	92	187	379	480	412	182	30	1799
CYPRESS SEMICONDUCTOR CORP.																
Patents By Year of Grant:	179	106	100	92	108	158	140	117	146	103	95	59	131	126	135	1795
Patents By Year of Application:	427	112	173	241	196	23	145	91	138	115	74	23	21	14	2	1795

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
NCR CORPORATION																
Patents By Year of Grant:	415	152	106	107	138	136	112	75	105	95	71	66	44	41	59	1722
Patents By Year of Application:	827	155	174	150	117	43	51	67	44	30	37	16	9	2	0	1722
OLYMPUS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	3	129	106	172	185	218	209	206	215	277	1720
Patents By Year of Application:	12	16	38	31	128	176	255	262	207	188	177	136	73	21	0	1720
AU OPTRONICS CORP.																
Patents By Year of Grant:	0	0	0	0	7	29	58	79	137	147	138	192	287	292	341	1707
Patents By Year of Application:	0	1	11	36	38	159	204	192	234	237	223	203	118	38	13	1707
ANALOG DEVICES, INC.																
Patents By Year of Grant:	296	57	50	60	57	105	109	113	124	136	107	78	135	117	146	1690
Patents By Year of Application:	420	65	77	102	167	109	151	117	103	98	109	112	46	13	1	1690
SUMITOMO ELECTRIC INDUSTRIES, LTD.																
Patents By Year of Grant:	468	43	55	52	93	102	102	109	103	87	87	88	84	104	110	1687
Patents By Year of Application:	580	51	106	111	118	150	105	100	93	76	64	56	59	17	1	1687
HARRIS CORP.																
Patents By Year of Grant:	421	102	58	82	76	70	85	118	85	80	80	96	102	113	114	1682
Patents By Year of Application:	615	73	85	84	118	148	79	78	133	125	81	44	17	2	0	1682
COMPAQ COMPUTER CORPORATION, INC.																
Patents By Year of Grant:	611	242	302	347	155	23	0	0	0	0	0	0	0	0	0	1680
Patents By Year of Application:	1499	122	48	10	1	0	0	0	0	0	0	0	0	0	0	1680
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	922	215	179	163	184	6	4	0	0	0	0	0	0	0	0	1673
Patents By Year of Application:	1338	151	134	49	1	0	0	0	0	0	0	0	0	0	0	1673
Hong Fu Jin Precision Industry (Shenzhen) Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	20	80	163	214	320	321	537	1655
Patents By Year of Application:	0	0	0	0	5	4	79	122	245	234	288	402	258	16	2	1655
LG. PHILIPS LCD CO., LTD.																
Patents By Year of Grant:	0	0	7	45	106	166	238	264	302	333	189	0	1	0	0	1651
Patents By Year of Application:	53	71	196	273	296	326	309	93	27	7	0	0	0	0	0	1651
SAMSUNG SDI CO., LTD.																
Patents By Year of Grant:	0	0	0	13	68	70	100	69	102	230	339	285	190	91	89	1646
Patents By Year of Application:	3	20	90	84	102	136	336	379	228	135	75	39	17	2	0	1646

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SPRINT COMMUNICATIONS COMPANY L.P.																
Patents By Year of Grant:	24	13	22	29	42	54	84	69	106	111	115	125	202	237	396	1629
Patents By Year of Application:	113	52	89	81	133	150	148	148	155	153	165	155	58	26	3	1629
NTT DOCOMO, INC.																
Patents By Year of Grant:	0	0	1	0	4	6	18	65	134	143	152	201	277	268	348	1617
Patents By Year of Application:	4	9	37	112	173	182	167	184	246	180	153	116	36	17	1	1617
UNISYS CORPORATION																
Patents By Year of Grant:	554	83	83	88	106	84	109	82	102	77	87	51	38	23	18	1585
Patents By Year of Application:	854	150	114	90	106	115	61	39	23	10	14	8	1	0	0	1585
NVIDIA CORPORATION																
Patents By Year of Grant:	21	5	6	14	15	25	42	50	101	108	174	267	228	258	265	1579
Patents By Year of Application:	42	24	33	52	94	163	193	237	288	278	104	56	5	10	0	1579
STMICROELECTRONICS S.A.																
Patents By Year of Grant:	1	21	67	86	116	123	128	123	146	140	129	137	158	119	79	1573
Patents By Year of Application:	102	141	170	119	183	172	157	137	152	120	63	32	20	5	0	1573
NOKIA MOBILE PHONES LTD.																
Patents By Year of Grant:	295	149	160	178	193	192	161	103	93	16	5	5	3	0	0	1553
Patents By Year of Application:	838	225	278	171	19	8	9	5	0	0	0	0	0	0	0	1553
ASML NETHERLANDS B.V.																
Patents By Year of Grant:	4	3	7	6	30	33	62	82	203	195	246	180	182	143	149	1525
Patents By Year of Application:	18	14	35	37	60	153	420	224	234	114	108	67	31	10	0	1525
EATON CORPORATION																
Patents By Year of Grant:	443	118	97	86	88	69	70	64	74	62	76	89	59	58	64	1517
Patents By Year of Application:	631	100	103	69	68	82	85	81	77	89	58	43	28	3	0	1517
Alcatel Lucent																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	39	97	147	225	388	611	1507
Patents By Year of Application:	0	3	9	13	67	124	158	182	272	268	186	176	38	11	0	1507
SILVERBROOK RESEARCH PTY. LTD																
Patents By Year of Grant:	0	0	3	10	15	26	68	70	165	185	164	149	231	305	102	1493
Patents By Year of Application:	44	8	134	7	101	120	224	184	71	104	223	118	115	38	2	1493
INTERDIGITAL TECHNOLOGY CORPORATION																
Patents By Year of Grant:	70	22	17	27	40	54	103	106	181	137	135	158	140	146	149	1485
Patents By Year of Application:	119	31	39	92	244	166	187	187	125	108	96	59	17	13	2	1485

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ADOBE SYSTEMS, INC.																
Patents By Year of Grant:	52	28	31	41	27	28	42	40	56	56	86	145	227	291	332	1482
Patents By Year of Application:	181	53	58	55	59	78	84	164	202	211	172	96	34	34	1	1482
DELPHI TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	2	19	88	174	172	158	127	143	131	116	129	106	61	48	1474
Patents By Year of Application:	20	100	185	187	178	165	146	181	110	100	64	24	14	0	0	1474
SAMSUNG ELECTRO-MECHANICS CO., LTD.																
Patents By Year of Grant:	60	18	14	23	26	58	56	62	97	119	135	167	168	198	265	1466
Patents By Year of Application:	97	23	17	61	71	92	123	123	180	164	227	181	87	18	2	1466
CASIO COMPUTER CO. LTD.																
Patents By Year of Grant:	355	71	72	61	48	31	33	26	43	57	79	143	136	124	167	1446
Patents By Year of Application:	559	44	53	31	33	61	91	104	107	112	83	107	46	14	1	1446
ADVANTEST CORP.																
Patents By Year of Grant:	172	71	60	90	108	81	67	50	76	90	106	111	134	118	107	1441
Patents By Year of Application:	348	119	83	84	55	75	94	112	113	124	106	92	29	7	0	1441
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	189	34	63	48	54	79	78	79	93	76	81	115	145	138	152	1424
Patents By Year of Application:	307	58	72	79	120	107	79	93	132	153	110	87	24	2	1	1424
HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.																
Patents By Year of Grant:	333	149	199	323	188	93	72	14	9	2	1	0	0	0	0	1383
Patents By Year of Application:	772	282	230	68	20	4	3	2	2	0	0	0	0	0	0	1383
VIA TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	2	15	18	42	48	104	117	179	182	161	177	143	114	78	1380
Patents By Year of Application:	20	44	43	72	175	169	204	163	228	133	57	45	20	6	1	1380
SYMBOL TECHNOLOGIES, INC.																
Patents By Year of Grant:	251	62	47	38	38	59	79	57	118	118	107	98	97	101	100	1370
Patents By Year of Application:	393	37	86	91	87	102	114	117	101	101	95	33	12	1	0	1370
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	252	51	72	78	87	71	83	93	113	70	72	85	101	71	62	1361
Patents By Year of Application:	388	55	77	98	112	120	123	141	71	99	56	13	5	1	2	1361
GM Global Technology Operations, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	6	48	91	142	241	315	508	1351
Patents By Year of Application:	0	0	1	0	0	3	13	155	151	269	384	271	89	13	2	1351

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
MEDIATEK INC.																
Patents By Year of Grant:	0	1	3	3	1	5	24	31	106	126	164	156	228	239	263	1350
Patents By Year of Application:	6	6	3	16	65	109	142	158	194	180	227	146	67	27	4	1350
NXP B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	4	169	177	247	205	272	273	1347
Patents By Year of Application:	0	2	5	30	82	221	279	208	193	131	92	55	34	14	1	1347
VICTOR COMPANY OF JAPAN, LIMITED																
Patents By Year of Grant:	349	74	74	55	54	61	79	69	84	78	89	81	77	67	55	1346
Patents By Year of Application:	541	65	62	102	53	89	84	66	73	82	63	50	13	3	0	1346
AVAYA TECHNOLOGY CORP.																
Patents By Year of Grant:	0	0	3	103	89	81	71	42	70	68	74	79	199	233	228	1340
Patents By Year of Application:	113	157	111	43	99	105	130	154	144	110	91	54	23	6	0	1340
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	324	64	54	53	73	74	61	66	68	74	68	73	94	79	101	1326
Patents By Year of Application:	487	70	78	76	92	90	62	75	93	61	49	56	27	10	0	1326
3COM CORPORATION																
Patents By Year of Grant:	98	80	129	194	158	190	181	87	83	33	34	31	22	0	0	1320
Patents By Year of Application:	511	303	235	129	63	40	21	10	6	1	1	0	0	0	0	1320
DIGITAL EQUIPMENT CORPORATION																
Patents By Year of Grant:	1090	120	91	15	0	0	0	0	0	0	0	0	0	0	0	1316
Patents By Year of Application:	1311	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1316
HUAWEI TECHNOLOGIES CO., LTD.																
Patents By Year of Grant:	0	0	0	0	1	1	5	9	19	21	48	81	248	355	528	1316
Patents By Year of Application:	0	0	1	10	38	62	40	69	170	199	224	243	139	112	9	1316
PIONEER ELECTRONIC CORPORATION																
Patents By Year of Grant:	789	128	122	111	63	33	26	11	8	5	7	3	3	0	0	1309
Patents By Year of Application:	1109	136	16	16	15	8	7	1	1	0	0	0	0	0	0	1309
FUNAI ELECTRIC CO., LTD.																
Patents By Year of Grant:	44	13	20	31	29	28	50	51	94	102	116	200	203	183	143	1307
Patents By Year of Application:	104	31	33	54	72	79	131	198	201	181	143	45	34	1	0	1307
Oracle America, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	438	456	410	1304
Patents By Year of Application:	1	3	10	13	25	43	113	166	247	232	231	176	33	11	0	1304

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
NORTHROP GRUMMAN CORPORATION																
Patents By Year of Grant:	277	86	69	41	55	107	133	112	128	98	85	73	28	4	0	1296
Patents By Year of Application:	465	60	118	119	100	147	94	106	68	13	3	2	1	0	0	1296
SEIKO INSTRUMENTS INC.																
Patents By Year of Grant:	214	47	73	108	108	110	95	43	49	50	44	73	77	90	109	1290
Patents By Year of Application:	379	105	113	105	71	58	43	59	66	76	74	69	66	6	0	1290
FUJINON CORPORATION (FORMERLY FUJI PHOTO OPTICAL CO. LTD.)																
Patents By Year of Grant:	228	65	92	77	80	90	94	64	74	68	66	93	93	71	16	1271
Patents By Year of Application:	357	104	94	76	100	87	74	72	90	85	70	55	6	1	0	1271
YAZAKI CORP.																
Patents By Year of Grant:	244	74	70	97	106	126	90	67	63	61	60	58	54	43	56	1269
Patents By Year of Application:	405	81	128	105	111	83	78	70	51	54	58	25	20	0	0	1269
JUNIPER NETWORKS, INC.																
Patents By Year of Grant:	0	2	0	1	6	12	13	44	86	82	80	136	220	278	284	1244
Patents By Year of Application:	6	19	37	106	120	60	69	104	119	135	135	183	123	27	1	1244
PACESETTER, INC.																
Patents By Year of Grant:	184	41	29	45	70	66	75	71	90	105	65	69	119	89	116	1234
Patents By Year of Application:	260	61	60	134	116	79	100	100	105	104	42	37	25	11	0	1234
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	19	59	50	66	96	97	87	124	113	115	81	105	109	91	1212
Patents By Year of Application:	107	64	84	121	115	131	111	107	147	84	64	41	25	11	0	1212
AT& T Intellectual Property II, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	37	160	282	429	301	1209
Patents By Year of Application:	2	1	4	18	33	41	76	266	138	181	186	181	52	30	0	1209
MACRONIX INTERNATIONAL CO., LTD.																
Patents By Year of Grant:	42	24	28	25	43	76	68	57	73	92	104	110	145	157	146	1190
Patents By Year of Application:	89	36	14	71	103	70	89	113	147	153	106	95	71	30	3	1190
KONICA MINOLTA BUSINESS TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	4	61	63	78	130	218	246	376	1176
Patents By Year of Application:	0	0	1	0	0	16	215	138	168	185	197	160	88	8	0	1176
APPLIED MATERIALS, INC.																
Patents By Year of Grant:	120	50	52	63	106	116	77	79	88	61	71	67	83	64	77	1174
Patents By Year of Application:	264	101	110	96	102	65	78	74	72	87	59	29	24	13	0	1174

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
YAHOO, INC.																
Patents By Year of Grant:	0	2	0	2	5	8	4	13	30	28	67	125	290	330	267	1171
Patents By Year of Application:	7	14	19	30	21	54	86	148	216	267	168	67	51	19	4	1171
SHARP LABORATORIES OF AMERICA, INC.																
Patents By Year of Grant:	2	15	21	36	46	59	54	72	111	117	106	77	117	166	157	1156
Patents By Year of Application:	70	99	75	100	85	126	138	127	93	120	71	31	13	8	0	1156
CIRRUS LOGIC, INC.																
Patents By Year of Grant:	321	108	100	81	84	83	44	45	40	62	42	33	44	24	24	1135
Patents By Year of Application:	620	75	68	53	42	40	43	52	53	39	28	18	3	1	0	1135
CORNING INCORPORATED																
Patents By Year of Grant:	134	30	31	82	134	129	117	58	71	57	43	53	67	62	66	1134
Patents By Year of Application:	202	111	124	132	124	71	54	52	42	67	60	69	22	4	0	1134
LSI CORPORATION																
Patents By Year of Grant:	0	1	0	0	0	1	0	0	1	131	129	155	197	216	302	1133
Patents By Year of Application:	1	2	1	6	35	85	130	204	99	95	218	149	83	22	3	1133
UNITED MICROELECTRONICS CORPORATION																
Patents By Year of Grant:	261	76	76	91	75	62	27	40	44	50	53	52	76	64	61	1108
Patents By Year of Application:	413	91	70	64	44	35	65	62	47	73	80	40	18	3	3	1108
SANDISK CORPORATION																
Patents By Year of Grant:	25	16	17	25	20	34	35	61	77	124	201	214	148	104	4	1105
Patents By Year of Application:	72	19	25	48	63	69	90	165	252	164	78	44	14	2	0	1105
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	435	56	61	61	46	36	34	37	61	47	35	43	51	37	61	1101
Patents By Year of Application:	559	68	55	34	40	41	65	65	36	38	32	37	20	10	1	1101
Alcatel-Lucent USA Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	27	401	437	216	4	1085
Patents By Year of Application:	1	3	15	20	41	139	200	241	223	120	50	23	9	0	0	1085
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	109	28	35	38	46	38	58	63	89	73	72	108	122	113	91	1083
Patents By Year of Application:	183	29	55	63	73	100	82	69	115	134	109	47	19	5	0	1083
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	294	42	39	53	48	54	71	87	147	113	75	53	2	0	0	1078
Patents By Year of Application:	369	37	71	74	110	157	181	62	14	3	0	0	0	0	0	1078

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
NIPPON TELEGRAPH & TELEPHONE CORP.																
Patents By Year of Grant:	288	50	52	70	45	53	58	45	72	60	51	59	64	58	51	1076
Patents By Year of Application:	451	69	71	55	79	67	96	67	40	38	26	9	6	2	0	1076
KOITO MANUFACTURING COMPANY LIMITED																
Patents By Year of Grant:	188	39	52	56	75	85	58	49	63	82	68	52	63	50	60	1040
Patents By Year of Application:	290	45	74	72	76	76	68	89	63	61	54	57	13	2	0	1040
HUGHES AIRCRAFT COMPANY																
Patents By Year of Grant:	1032	6	1	0	0	0	0	0	0	0	0	0	0	0	0	1039
Patents By Year of Application:	1039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1039
KYOCERA CORPORATION																
Patents By Year of Grant:	79	17	33	28	33	40	28	30	32	50	50	77	106	158	268	1029
Patents By Year of Application:	145	27	36	32	36	50	89	139	142	143	93	65	23	9	0	1029
CADENCE DESIGN SYSTEMS, INC.																
Patents By Year of Grant:	43	8	11	11	21	41	55	94	117	57	68	91	127	130	154	1028
Patents By Year of Application:	73	19	62	62	178	83	55	72	118	117	99	53	26	11	0	1028
BRITISH TELECOMMUNICATION, PLC																
Patents By Year of Grant:	261	78	69	90	55	46	31	31	40	56	45	47	52	58	61	1020
Patents By Year of Application:	580	37	75	82	57	42	34	31	36	31	10	4	1	0	0	1020
KONICA CORPORATION																
Patents By Year of Grant:	380	65	60	65	80	61	96	62	62	43	22	10	5	9	0	1020
Patents By Year of Application:	534	70	77	88	109	104	5	11	5	10	5	1	1	0	0	1020
PITNEY-BOWES, INC.																
Patents By Year of Grant:	272	54	51	46	46	48	68	68	59	41	57	44	58	54	39	1005
Patents By Year of Application:	446	87	65	67	70	66	47	43	45	33	19	11	5	1	0	1005
SYMANTEC CORPORATION																
Patents By Year of Grant:	22	12	10	5	6	9	6	12	19	34	63	114	165	199	322	998
Patents By Year of Application:	53	12	26	14	27	69	96	139	89	144	158	122	45	3	1	998
TRW INC.																
Patents By Year of Grant:	299	116	146	172	137	68	24	9	6	0	0	0	0	0	0	977
Patents By Year of Application:	601	178	120	63	15	0	0	0	0	0	0	0	0	0	0	977
CATERPILLAR INC.																
Patents By Year of Grant:	196	72	51	54	39	27	39	42	41	46	41	53	60	90	111	962
Patents By Year of Application:	340	47	50	40	61	36	46	54	61	99	98	14	9	5	2	962

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
COMMISSARIAT A L'ENERGIE ATOMIQUE																
Patents By Year of Grant:	201	35	28	41	43	31	47	47	46	42	55	63	96	94	92	961
Patents By Year of Application:	277	56	48	47	59	75	62	74	57	88	72	41	5	0	0	961
RAMBUS, INC.																
Patents By Year of Grant:	48	19	34	28	41	55	63	58	100	85	68	79	70	83	128	959
Patents By Year of Application:	107	38	66	71	56	82	109	104	60	60	71	61	42	29	3	959
ROCKWELL AUTOMATION TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	8	48	55	54	49	80	84	69	104	148	143	116	958
Patents By Year of Application:	13	40	73	61	60	95	91	114	129	112	88	38	30	14	0	958
STMICROELECTRONICS, INC.																
Patents By Year of Grant:	33	93	93	72	74	91	82	52	71	59	58	28	51	47	53	957
Patents By Year of Application:	283	90	99	93	72	73	81	32	35	26	30	23	12	7	1	957
OMRON CORPORATION																
Patents By Year of Grant:	156	19	22	24	32	37	59	65	87	96	79	68	75	57	77	953
Patents By Year of Application:	215	29	31	65	73	100	75	75	121	64	43	35	21	6	0	953
GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC																
Patents By Year of Grant:	0	0	0	23	127	118	152	125	109	68	74	60	46	28	18	948
Patents By Year of Application:	9	48	129	142	199	154	81	38	48	43	38	14	5	0	0	948
SIEMENS MEDICAL SOLUTIONS USA, INC.																
Patents By Year of Grant:	0	0	0	1	20	19	23	22	21	45	132	135	193	162	158	931
Patents By Year of Application:	3	5	14	43	47	39	85	162	182	161	94	68	22	6	0	931
BELLSOUTH INTELLECTUAL PROPERTY CORPORATION																
Patents By Year of Grant:	0	12	19	23	46	82	167	165	288	113	3	1	1	2	0	922
Patents By Year of Application:	66	93	157	208	220	102	53	16	7	0	0	0	0	0	0	922
HITACHI DISPLAYS, LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	2	13	47	61	84	93	167	219	234	920
Patents By Year of Application:	0	0	0	1	2	59	91	88	119	154	174	118	61	44	9	920
FANUC LTD.																
Patents By Year of Grant:	361	39	35	43	27	20	23	42	68	61	41	31	42	53	27	913
Patents By Year of Application:	462	44	16	18	28	50	64	68	54	33	40	17	19	0	0	913
LEXMARK INTERNATIONAL, INC.																
Patents By Year of Grant:	75	43	35	45	39	47	43	38	61	90	76	77	90	75	76	910
Patents By Year of Application:	147	39	71	61	48	61	127	109	80	67	58	29	11	2	0	910

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

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ROCKWELL COLLINS, INC.																
Patents By Year of Grant:	0	2	24	48	73	57	52	37	50	53	59	115	96	92	94	852
Patents By Year of Application:	39	81	97	53	47	59	79	84	100	86	78	43	5	1	0	852
HONEYWELL INC.																
Patents By Year of Grant:	607	84	63	38	22	17	12	4	2	0	0	0	0	0	0	849
Patents By Year of Application:	793	42	8	3	3	0	0	0	0	0	0	0	0	0	0	849
FURUKAWA ELECTRIC CO., LTD.																
Patents By Year of Grant:	144	33	18	23	49	93	103	71	54	34	27	41	55	47	51	843
Patents By Year of Application:	200	28	56	126	107	61	31	39	34	32	64	38	16	10	1	843
DAEWOO ELECTRONICS COMPANY, LTD.																
Patents By Year of Grant:	468	169	84	44	11	1	3	11	11	8	12	8	7	3	0	840
Patents By Year of Application:	761	12	4	2	7	6	21	9	12	5	1	0	0	0	0	840
FRANCE TELECOM																
Patents By Year of Grant:	211	43	34	30	19	22	33	18	30	43	44	51	82	73	93	826
Patents By Year of Application:	309	29	62	47	56	47	81	60	54	55	18	8	0	0	0	826
FORD GLOBAL TECHNOLOGIES, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	47	102	81	87	72	44	59	69	89	172	822
Patents By Year of Application:	0	6	34	55	126	94	74	51	63	73	73	89	56	25	3	822
SYNOPSYS INC.																
Patents By Year of Grant:	39	21	26	25	31	20	21	35	37	65	57	67	78	136	141	799
Patents By Year of Application:	109	40	22	34	46	36	59	72	56	89	101	77	37	20	1	799
FINISAR CORPORATION																
Patents By Year of Grant:	5	1	1	1	5	22	43	86	105	99	102	98	98	69	63	798
Patents By Year of Application:	9	3	19	54	106	152	121	125	43	62	81	12	9	2	0	798
INTERNATIONAL RECTIFIER CORPORATION																
Patents By Year of Grant:	78	23	25	31	37	42	55	53	57	72	78	76	45	64	56	792
Patents By Year of Application:	134	29	33	46	52	80	69	97	85	80	63	14	6	4	0	792
WESTERN DIGITAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	12	36	56	80	113	101	54	52	53	58	78	97	790
Patents By Year of Application:	7	27	52	78	105	85	88	69	46	48	70	54	43	14	4	790
SONY COMPUTER ENTERTAINMENT INC.																
Patents By Year of Grant:	0	0	5	18	33	44	62	40	56	48	46	63	107	119	128	769
Patents By Year of Application:	21	34	64	98	62	28	57	111	111	78	30	41	22	12	0	769

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
FUJI ELECTRIC CO., LTD.																
Patents By Year of Grant:	316	59	41	33	45	47	48	27	16	6	3	1	0	9	69	720
Patents By Year of Application:	411	33	48	56	49	34	5	5	2	4	15	30	20	8	0	720
NGK INSULATORS LTD.																
Patents By Year of Grant:	130	25	28	48	54	56	50	41	45	43	49	48	38	35	25	715
Patents By Year of Application:	201	46	54	60	57	51	39	53	35	49	27	27	15	1	0	715
DIGIMARC CORPORATION																
Patents By Year of Grant:	12	2	7	16	27	50	51	34	75	59	55	59	65	105	96	713
Patents By Year of Application:	30	40	68	84	73	48	44	47	44	76	44	56	52	7	0	713
HUGHES ELECTRONICS CORP.																
Patents By Year of Grant:	73	104	120	140	121	61	52	26	10	0	3	1	0	0	0	711
Patents By Year of Application:	379	127	138	43	18	5	1	0	0	0	0	0	0	0	0	711
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	47	11	24	21	39	38	30	39	30	62	65	62	89	69	84	710
Patents By Year of Application:	85	29	39	41	41	44	48	64	56	116	96	37	12	2	0	710
REALTEK SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	1	1	4	2	1	6	11	23	50	76	64	122	106	104	137	708
Patents By Year of Application:	4	8	1	9	26	46	86	105	99	145	75	78	19	4	3	708
AOL LLC																
Patents By Year of Grant:	1	9	7	3	14	17	26	18	54	82	87	80	104	127	77	706
Patents By Year of Application:	30	21	47	71	89	101	71	36	75	44	41	29	35	16	0	706
ARM LIMITED																
Patents By Year of Grant:	41	17	15	17	15	13	16	24	59	60	66	61	100	105	96	705
Patents By Year of Application:	86	22	16	30	35	70	80	74	74	64	72	52	22	8	0	705
DAI NIPPON PRINTING CO. LTD																
Patents By Year of Grant:	82	27	46	22	25	40	53	38	48	47	42	52	62	57	58	699
Patents By Year of Application:	166	27	30	53	53	74	59	60	54	58	24	17	13	7	4	699
INTEGRATED DEVICE TECHNOLOGY, INC.																
Patents By Year of Grant:	115	41	26	33	18	23	24	34	51	44	34	48	79	58	67	695
Patents By Year of Application:	194	25	21	39	35	40	48	50	68	65	57	35	16	2	0	695
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.																
Patents By Year of Grant:	21	0	0	19	31	46	40	45	74	49	85	59	65	56	103	693
Patents By Year of Application:	43	53	38	69	59	72	66	60	48	51	34	70	28	2	0	693

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---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
NOKIA TELECOMMUNICATIONS OYJ																
Patents By Year of Grant:	206	116	110	104	93	43	8	2	1	1	0	1	0	0	0	685
Patents By Year of Application:	546	133	3	2	0	1	0	0	0	0	0	0	0	0	0	685
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.																
Patents By Year of Grant:	78	22	24	18	40	28	34	25	35	34	39	36	61	81	128	683
Patents By Year of Application:	131	41	48	40	46	37	35	60	61	78	56	22	16	5	7	683
SILICON LABORATORIES INC.																
Patents By Year of Grant:	0	1	14	20	19	20	32	27	56	90	91	69	72	82	83	676
Patents By Year of Application:	40	13	28	29	34	67	79	100	92	60	66	29	28	9	2	676
PENTAX CORPORATION																
Patents By Year of Grant:	0	0	0	0	12	142	163	142	113	76	26	0	0	0	0	674
Patents By Year of Application:	14	37	61	143	131	126	85	56	18	3	0	0	0	0	0	674
ATMEL CORPORATION																
Patents By Year of Grant:	47	19	21	12	8	11	30	21	37	72	71	65	85	78	90	667
Patents By Year of Application:	83	17	12	8	18	42	48	99	127	77	50	53	23	9	1	667
MITSUMI ELECTRIC CO., LTD.																
Patents By Year of Grant:	83	43	36	42	39	43	42	35	49	37	45	48	44	38	42	666
Patents By Year of Application:	168	44	49	38	49	31	61	55	37	59	36	33	4	2	0	666
SGS-THOMSON MICROELECTRONICS S.R.L.																
Patents By Year of Grant:	474	91	58	24	11	4	1	1	0	0	0	0	0	0	0	664
Patents By Year of Application:	651	5	5	2	1	0	0	0	0	0	0	0	0	0	0	664
NATIONAL INSTRUMENTS CORPORATION																
Patents By Year of Grant:	59	29	29	26	26	23	29	42	73	42	43	59	56	56	71	663
Patents By Year of Application:	135	33	59	66	82	38	46	45	43	47	20	39	10	0	0	663
ITT MANUFACTURING ENTERPRISES, INC.																
Patents By Year of Grant:	10	40	58	49	40	30	40	42	57	66	36	58	64	50	14	654
Patents By Year of Application:	129	40	50	56	57	47	33	79	58	55	29	19	2	0	0	654
NIPPONDENSO CO., LTD.																
Patents By Year of Grant:	578	43	15	6	3	1	0	0	0	0	0	0	0	0	0	646
Patents By Year of Application:	641	2	1	2	0	0	0	0	0	0	0	0	0	0	0	646
SILICON GRAPHICS, INC.																
Patents By Year of Grant:	192	54	65	79	50	50	52	28	27	14	24	9	0	2	0	646
Patents By Year of Application:	405	71	58	34	38	18	4	9	6	1	2	0	0	0	0	646

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
Amazon Technologies, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	4	5	14	45	116	178	283	645
Patents By Year of Application:	0	0	2	4	6	15	32	52	111	111	101	80	77	48	6	645
THALES																
Patents By Year of Grant:	0	0	0	0	0	12	24	37	45	54	60	71	81	93	165	642
Patents By Year of Application:	0	0	2	34	77	77	65	76	80	90	68	53	19	1	0	642
Fujitsu Semiconductor Limited																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	141	274	222	637
Patents By Year of Application:	0	0	0	1	0	3	10	34	84	101	159	140	74	29	2	637
CONEXANT SYSTEMS, INC.																
Patents By Year of Grant:	0	20	65	115	131	81	50	26	25	22	23	13	17	26	20	634
Patents By Year of Application:	201	132	110	55	14	30	19	22	8	6	21	10	3	3	0	634
STORAGE TECHNOLOGY CORPORATION																
Patents By Year of Grant:	136	25	42	50	50	50	67	52	60	42	31	17	7	3	0	632
Patents By Year of Application:	216	77	78	65	64	39	45	36	10	0	1	1	0	0	0	632
INVENTEC CORPORATION																
Patents By Year of Grant:	4	11	11	17	27	24	22	29	38	76	110	93	60	66	35	623
Patents By Year of Application:	29	31	28	28	24	39	39	70	111	106	53	42	19	4	0	623
ILLINOIS TOOL WORKS INC.																
Patents By Year of Grant:	58	12	42	39	38	53	59	42	49	55	48	17	38	28	40	618
Patents By Year of Application:	108	38	44	61	71	68	61	57	38	27	23	11	9	1	1	618
CIENA CORPORATION																
Patents By Year of Grant:	22	10	20	20	30	33	41	56	76	56	39	31	64	55	64	617
Patents By Year of Application:	72	23	88	100	57	54	50	24	30	43	39	21	16	0	0	617
Motorola-Mobility, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	51	240	317	608
Patents By Year of Application:	0	1	2	2	10	14	20	35	100	156	142	88	29	6	3	608
NetApp, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	15	75	147	194	177	608
Patents By Year of Application:	0	0	0	9	28	24	43	77	88	93	117	77	31	20	1	608
BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION, INC.																
Patents By Year of Grant:	0	0	0	4	48	32	54	52	51	71	35	55	45	83	77	607
Patents By Year of Application:	18	4	30	42	74	78	58	66	49	27	57	66	16	22	0	607

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
LG SEMICON CO., LTD.																
Patents By Year of Grant:	213	195	154	18	16	3	3	1	0	1	0	1	0	0	0	605
Patents By Year of Application:	551	42	4	5	1	0	1	0	1	0	0	0	0	0	0	605
SGS-THOMSON MICROELECTRONICS S.A.																
Patents By Year of Grant:	357	105	76	33	13	8	2	4	2	0	0	0	0	0	0	600
Patents By Year of Application:	579	9	6	2	0	1	3	0	0	0	0	0	0	0	0	600
VISTEON GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	1	11	76	52	64	97	86	64	39	18	30	20	22	19	599
Patents By Year of Application:	37	61	65	67	115	94	38	45	14	26	26	9	1	1	0	599
MAXTOR CORPORATION																
Patents By Year of Grant:	75	15	17	35	64	52	56	47	76	64	47	42	5	2	0	597
Patents By Year of Application:	120	92	58	78	52	40	55	51	37	14	0	0	0	0	0	597
MINEBEA KABUSHIKI-KAISHA (MINEBEA CO., LTD)																
Patents By Year of Grant:	54	18	27	26	30	47	59	73	83	49	24	32	31	20	23	596
Patents By Year of Application:	101	32	29	52	63	87	74	52	26	26	31	14	8	1	0	596
SANDIA CORPORATION																
Patents By Year of Grant:	90	35	31	36	43	44	36	26	33	30	42	27	37	27	45	582
Patents By Year of Application:	174	41	32	54	28	41	34	34	38	32	30	26	17	1	0	582
NITTO DENKO CORPORATION																
Patents By Year of Grant:	15	5	12	16	23	32	44	42	47	39	50	57	53	66	79	580
Patents By Year of Application:	34	22	40	45	56	44	49	46	49	52	53	59	20	10	1	580
HRL LABORATORIES, LLC																
Patents By Year of Grant:	0	0	1	12	31	45	41	42	54	60	54	45	70	59	56	570
Patents By Year of Application:	0	26	51	53	47	60	83	51	52	40	55	30	16	5	1	570
AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC.																
Patents By Year of Grant:	4	3	5	2	1	2	8	4	24	38	64	75	100	109	130	569
Patents By Year of Application:	15	2	10	25	34	38	65	56	59	87	47	33	43	48	7	569
NOVELL, INC.																
Patents By Year of Grant:	53	54	45	17	22	27	24	14	25	29	29	39	84	48	58	568
Patents By Year of Application:	178	36	38	29	42	36	31	33	41	41	21	29	11	2	0	568
SHIMADZU CORPORATION																
Patents By Year of Grant:	113	19	16	16	30	39	22	22	43	30	30	34	38	39	75	566
Patents By Year of Application:	152	20	28	36	26	29	45	50	64	60	33	11	8	4	0	566

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
THOMSON-CSF																
Patents By Year of Grant:	354	56	40	44	39	20	10	1	1	0	0	0	0	0	0	565
Patents By Year of Application:	471	39	36	19	0	0	0	0	0	0	0	0	0	0	0	565
FAIRCHILD SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	3	10	14	15	39	35	48	35	30	19	29	50	82	83	72	564
Patents By Year of Application:	32	30	32	38	43	44	31	27	37	62	93	58	32	5	0	564
KLA-TENCOR TECHNOLOGIES CORP.																
Patents By Year of Grant:	0	0	0	1	3	13	53	52	98	89	92	62	60	23	11	557
Patents By Year of Application:	2	3	11	40	60	82	101	101	69	65	13	5	3	2	0	557
OSRAM SYLVANIA INC.																
Patents By Year of Grant:	85	28	23	27	18	23	40	27	52	49	35	34	39	43	34	557
Patents By Year of Application:	137	36	12	28	37	24	56	68	43	40	38	21	12	5	0	557
AT& T Mobility II LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	8	69	74	84	132	189	556
Patents By Year of Application:	1	1	3	11	21	35	56	61	64	81	87	93	32	10	0	556
PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH																
Patents By Year of Grant:	110	26	30	55	43	46	55	30	56	45	43	6	5	0	0	550
Patents By Year of Application:	169	45	49	46	56	46	52	56	28	3	0	0	0	0	0	550
SPANSION LLC																
Patents By Year of Grant:	0	0	0	0	0	0	2	3	40	81	66	68	94	100	89	543
Patents By Year of Application:	0	0	1	0	5	13	53	106	117	92	84	32	31	9	0	543
HOYA CORPORATION																
Patents By Year of Grant:	24	3	3	7	5	8	12	6	4	11	64	126	123	89	51	536
Patents By Year of Application:	32	7	7	12	11	22	25	92	86	105	54	44	32	7	0	536
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	97	29	24	30	21	45	48	22	25	20	26	22	33	30	64	536
Patents By Year of Application:	155	30	26	47	50	22	33	26	30	27	37	39	8	6	0	536
ATI Technologies ULC																
Patents By Year of Grant:	30	17	39	37	21	11	28	26	36	24	31	54	54	55	70	533
Patents By Year of Application:	148	11	27	39	32	35	50	51	48	31	17	30	11	3	0	533
Fu Zhun Precision Industry (Shenzhen) Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	6	63	68	69	135	107	77	525
Patents By Year of Application:	0	0	0	0	0	1	23	50	74	84	119	130	44	0	0	525

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---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
METROLOGIC INSTRUMENTS INC.																
Patents By Year of Grant:	34	22	18	18	32	39	28	44	47	33	28	67	68	30	15	523
Patents By Year of Application:	85	36	30	31	73	29	39	13	35	102	41	5	2	2	0	523
MOSAID TECHNOLOGIES INC.																
Patents By Year of Grant:	39	11	16	11	13	28	26	17	29	24	21	43	73	97	75	523
Patents By Year of Application:	66	14	22	27	32	34	18	36	41	65	58	46	39	25	0	523
NETWORK APPLIANCE, INC.																
Patents By Year of Grant:	1	3	3	3	6	10	22	30	60	77	112	61	61	40	32	521
Patents By Year of Application:	12	11	21	41	83	67	67	77	47	45	28	12	7	3	0	521
LITTON SYSTEMS INC.																
Patents By Year of Grant:	258	46	49	67	25	22	18	8	10	9	4	3	0	1	0	520
Patents By Year of Application:	361	65	34	22	7	14	6	6	1	4	0	0	0	0	0	520
GOLDSTAR COMPANY, LTD.																
Patents By Year of Grant:	505	10	1	2	0	0	0	0	0	0	0	0	0	0	0	518
Patents By Year of Application:	518	0	0	0	0	0	0	0	0	0	0	0	0	0	0	518
SCIENTIFIC-ATLANTA, INC.																
Patents By Year of Grant:	178	28	27	39	33	34	24	16	26	33	22	27	31	0	0	518
Patents By Year of Application:	266	39	46	47	35	22	21	11	21	5	4	1	0	0	0	518
CHUNGHWA PICTURE TUBES, LTD.																
Patents By Year of Grant:	31	2	7	2	5	4	10	16	23	34	59	55	65	57	147	517
Patents By Year of Application:	42	2	1	9	15	21	32	78	67	39	55	100	40	13	3	517
INTERSIL AMERICAS INC.																
Patents By Year of Grant:	0	0	0	3	20	39	42	33	50	37	34	42	52	68	92	512
Patents By Year of Application:	3	8	22	41	40	35	62	43	37	45	53	49	51	20	3	512
MCI COMMUNICATIONS CORP.																
Patents By Year of Grant:	166	105	73	58	43	19	17	8	6	3	2	1	2	5	1	509
Patents By Year of Application:	475	14	2	3	1	8	4	1	0	0	1	0	0	0	0	509
ROCKWELL INTERNATIONAL CORPORATION																
Patents By Year of Grant:	427	64	11	6	0	1	0	0	0	0	0	0	0	0	0	509
Patents By Year of Application:	505	3	0	1	0	0	0	0	0	0	0	0	0	0	0	509
Avago Technologies ECBU IP (Singapore) Pte. Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	16	102	79	100	89	55	66	507
Patents By Year of Application:	0	0	1	3	1	45	104	122	56	77	42	42	14	0	0	507

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

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---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
AISIN SEIKI KABUSHIKI KAISHA																
Patents By Year of Grant:	71	29	18	21	27	25	30	25	36	27	23	34	29	34	49	478
Patents By Year of Application:	117	19	24	36	35	39	37	39	38	28	25	29	11	1	0	478
SHINKO ELECTRIC INDUSTRIES CO., LTD.																
Patents By Year of Grant:	29	12	10	24	26	30	20	15	22	25	30	36	62	59	78	478
Patents By Year of Application:	54	24	32	30	19	20	29	38	48	52	48	44	33	7	0	478
Symantec Operating Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	18	86	93	147	76	54	474
Patents By Year of Application:	0	0	0	2	38	66	124	84	80	37	30	12	0	1	0	474
MATSUSHITA ELECTRIC WORKS, LTD.																
Patents By Year of Grant:	114	30	30	25	32	35	34	40	40	28	35	20	5	0	1	469
Patents By Year of Application:	173	26	46	50	41	38	46	28	11	10	0	0	0	0	0	469
TEAC CORPORATION																
Patents By Year of Grant:	160	23	17	28	19	21	23	23	38	24	17	22	14	25	15	469
Patents By Year of Application:	214	21	26	27	57	23	26	17	11	14	12	16	3	2	0	469
NEC LCD TECHNOLOGIES, LTD.																
Patents By Year of Grant:	0	0	0	0	0	38	67	74	57	31	30	59	55	52	3	466
Patents By Year of Application:	0	6	42	63	67	46	52	58	51	41	20	8	9	3	0	466
LATTICE SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	32	2	15	12	22	36	43	47	48	41	41	47	34	23	21	464
Patents By Year of Application:	55	14	18	32	58	63	34	51	41	33	20	27	8	10	0	464
ORACLE CORPORATION																
Patents By Year of Grant:	76	85	77	67	85	50	5	1	7	1	3	4	1	1	1	464
Patents By Year of Application:	322	79	29	16	11	1	3	1	2	0	0	0	0	0	0	464
TOSHIBA TEC KABUSHIKI KAISHA																
Patents By Year of Grant:	0	1	13	69	95	63	17	9	24	22	22	21	27	40	39	462
Patents By Year of Application:	10	34	124	95	33	5	17	17	28	29	18	25	18	9	0	462
JDS UNIPHASE CORPORATION																
Patents By Year of Grant:	0	1	7	17	49	46	44	47	36	38	25	22	46	65	17	460
Patents By Year of Application:	10	35	47	50	59	48	40	42	37	36	36	12	8	0	0	460
Oki Semiconductor Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	6	142	137	107	68	460
Patents By Year of Application:	0	0	0	1	3	10	15	44	80	124	103	51	29	0	0	460

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
THOMSON CONSUMER ELECTRONICS, INC.																
Patents By Year of Grant:	368	61	26	1	1	0	0	0	0	0	0	0	0	0	0	457
Patents By Year of Application:	457	0	0	0	0	0	0	0	0	0	0	0	0	0	0	457
VERIZON PATENT AND LICENSING, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	61	112	281	454
Patents By Year of Application:	0	1	0	0	1	0	2	1	92	127	104	86	26	12	2	454
THE DIRECTV GROUP, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	21	35	46	50	54	56	73	66	48	449
Patents By Year of Application:	2	6	66	51	42	49	46	35	47	60	30	9	5	1	0	449
ADAPTEC, INC.																
Patents By Year of Grant:	61	45	56	46	42	22	37	34	48	21	12	12	8	1	0	445
Patents By Year of Application:	197	50	52	31	55	19	22	13	2	3	1	0	0	0	0	445
SQUARE D COMPANY																
Patents By Year of Grant:	208	43	16	39	26	28	21	7	16	14	9	7	3	4	2	443
Patents By Year of Application:	288	37	24	30	14	16	7	7	10	6	2	2	0	0	0	443
HALLIBURTON ENERGY SERVICES, INC.																
Patents By Year of Grant:	12	12	14	25	21	32	43	36	44	30	25	29	45	28	44	440
Patents By Year of Application:	47	30	23	34	55	38	53	40	44	27	23	17	8	1	0	440
AISIN AW CO., LTD.																
Patents By Year of Grant:	61	31	29	18	8	19	14	15	24	13	21	16	34	46	90	439
Patents By Year of Application:	130	7	17	15	17	30	24	30	29	31	52	37	20	0	0	439
DONNELLY CORPORATION																
Patents By Year of Grant:	50	16	21	31	35	21	26	22	22	24	33	30	30	35	43	439
Patents By Year of Application:	80	37	31	32	38	25	19	17	19	37	24	24	23	23	10	439
MITUTOYO CORPORATION																
Patents By Year of Grant:	26	22	13	17	26	42	22	16	42	26	46	39	29	31	40	437
Patents By Year of Application:	67	22	31	37	31	20	34	38	41	33	28	32	19	4	0	437
COMPUTER ASSOCIATES THINK, INC.																
Patents By Year of Grant:	0	0	5	11	24	10	5	15	24	26	34	52	101	84	45	436
Patents By Year of Application:	35	27	18	28	31	44	64	76	41	21	23	14	12	2	0	436
HUBBELL INCORPORATED																
Patents By Year of Grant:	116	26	33	28	37	23	22	17	20	17	20	8	22	18	28	435
Patents By Year of Application:	180	30	28	33	20	21	24	18	18	14	21	14	10	4	0	435

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

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
BEA SYSTEMS, INC.																
Patents By Year of Grant:	0	4	2	3	2	4	4	19	37	56	78	95	126	4	0	434
Patents By Year of Application:	10	4	5	35	57	78	88	87	46	19	4	1	0	0	0	434
WISCONSIN ALUMNI RESEARCH FOUNDATION																
Patents By Year of Grant:	83	13	16	12	19	23	15	16	25	20	27	32	42	43	48	434
Patents By Year of Application:	112	20	27	23	21	18	27	33	49	37	30	22	12	3	0	434
SIEMENS ENERGY & AUTOMATION, INC.																
Patents By Year of Grant:	101	27	27	35	21	29	20	30	27	36	40	37	1	0	0	431
Patents By Year of Application:	160	38	32	30	31	30	36	35	26	12	1	0	0	0	0	431
DAINIPPON SCREEN MFG. CO., LTD.																
Patents By Year of Grant:	167	25	14	13	7	7	17	18	31	24	31	19	23	19	14	429
Patents By Year of Application:	221	4	5	10	28	39	36	20	20	20	18	8	0	0	0	429
Himax Technologies Limited																
Patents By Year of Grant:	0	0	0	0	0	2	4	7	10	23	41	38	87	94	123	429
Patents By Year of Application:	0	1	0	1	14	7	21	42	54	109	76	62	30	10	2	429
SUMITOMO WIRING SYSTEMS, LTD.																
Patents By Year of Grant:	110	31	33	26	41	33	31	21	19	12	8	13	16	15	20	429
Patents By Year of Application:	171	33	34	28	31	27	20	24	11	25	13	8	4	0	0	429
FUJITSU TEN LIMITED																
Patents By Year of Grant:	28	4	8	1	5	15	28	25	46	43	33	60	57	40	34	427
Patents By Year of Application:	41	9	7	11	53	47	58	48	49	52	24	23	5	0	0	427
AMKOR TECHNOLOGY, INC.																
Patents By Year of Grant:	1	5	5	10	50	63	44	36	45	17	16	15	35	46	38	426
Patents By Year of Application:	13	21	63	65	37	40	33	25	26	17	36	21	25	4	0	426
CREE, INC.																
Patents By Year of Grant:	0	0	0	8	7	8	13	21	20	25	33	42	72	91	86	426
Patents By Year of Application:	7	2	5	18	19	29	44	48	58	81	37	42	24	10	2	426
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
Patents By Year of Grant:	268	16	15	16	12	13	11	8	7	6	8	8	16	9	11	424
Patents By Year of Application:	306	12	17	8	11	11	3	9	9	16	11	6	4	1	0	424
SGS-THOMSON MICROELECTRONICS, INC.																
Patents By Year of Grant:	419	1	2	0	0	0	0	0	0	0	0	0	0	0	0	422
Patents By Year of Application:	422	0	0	0	0	0	0	0	0	0	0	0	0	0	0	422

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
POWER INTEGRATIONS, INC.																
Patents By Year of Grant:	13	3	4	9	14	19	30	14	31	31	28	39	47	59	80	421
Patents By Year of Application:	21	5	13	12	26	28	30	38	35	37	52	50	38	28	8	421
KABUSHIKI KAISHA TOPCON																
Patents By Year of Grant:	78	26	33	16	21	13	25	19	26	27	25	32	32	26	19	418
Patents By Year of Application:	139	17	24	19	26	28	24	45	23	22	29	17	3	2	0	418
GATEWAY 2000, INC.																
Patents By Year of Grant:	19	21	24	29	46	47	56	44	39	28	27	14	20	0	2	416
Patents By Year of Application:	129	81	47	38	46	31	34	3	1	1	5	0	0	0	0	416
Invention Science Fund I, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	67	125	223	415
Patents By Year of Application:	0	0	0	0	0	0	5	49	71	64	96	99	27	4	0	415
MARVELL WORLD TRADE LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	6	9	23	34	45	83	94	119	413
Patents By Year of Application:	0	0	0	0	3	18	25	33	79	77	77	42	34	19	6	413
MAXIM INTEGRATED PRODUCTS, INC.																
Patents By Year of Grant:	44	22	22	31	31	20	12	16	23	15	10	16	42	38	69	411
Patents By Year of Application:	90	34	21	33	16	23	16	31	23	26	38	35	19	6	0	411
AGERE SYSTEMS GUARDIAN CORP.																
Patents By Year of Grant:	0	0	0	167	236	5	1	0	0	0	1	0	0	0	0	410
Patents By Year of Application:	120	179	95	15	1	0	0	0	0	0	0	0	0	0	0	410
EMERSON ELECTRIC CO.																
Patents By Year of Grant:	119	36	29	24	22	17	36	22	18	16	15	18	19	7	10	408
Patents By Year of Application:	184	26	20	25	39	22	24	11	22	6	18	6	5	0	0	408
QIMONDA AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	30	39	158	129	50	407
Patents By Year of Application:	0	0	1	0	1	3	3	14	73	158	144	3	6	1	0	407
INTERMEC IP CORP.																
Patents By Year of Grant:	1	40	73	57	33	20	16	16	20	21	27	18	13	29	22	406
Patents By Year of Application:	145	69	26	10	9	19	30	23	24	22	13	13	2	1	0	406
ASUSTEK COMPUTER INC.																
Patents By Year of Grant:	0	1	3	4	13	7	19	16	25	25	39	46	43	73	91	405
Patents By Year of Application:	7	11	7	23	16	19	28	23	59	44	66	80	21	1	0	405

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	402	3	0	0	0	0	0	0	0	0	0	0	0	0	0	405
Patents By Year of Application:	405	0	0	0	0	0	0	0	0	0	0	0	0	0	0	405
CITIZEN WATCH CO., LTD.																
Patents By Year of Grant:	82	42	45	47	33	44	47	20	29	14	1	0	0	0	0	404
Patents By Year of Application:	190	58	46	43	36	25	3	3	0	0	0	0	0	0	0	404
STANLEY ELECTRIC CO., LTD.																
Patents By Year of Grant:	62	17	26	16	19	17	6	9	12	18	17	30	50	47	57	403
Patents By Year of Application:	103	20	15	18	5	17	19	20	34	38	49	46	13	5	1	403
ADVANCED SEMICONDUCTOR ENGINEERING, INC.																
Patents By Year of Grant:	1	1	6	18	22	7	31	24	51	46	35	30	39	45	46	402
Patents By Year of Application:	3	21	20	13	19	50	60	36	42	34	40	40	23	1	0	402
ACTEL CORPORATION																
Patents By Year of Grant:	78	9	6	8	8	15	24	26	35	26	49	51	26	28	10	399
Patents By Year of Application:	98	4	21	5	32	20	33	33	34	45	42	16	14	2	0	399
KLA-TENCOR CORPORATION																
Patents By Year of Grant:	4	10	10	14	12	38	23	9	20	8	34	50	60	53	53	398
Patents By Year of Application:	36	16	31	21	14	20	17	27	31	49	86	34	13	3	0	398
ABB RESEARCH LTD.																
Patents By Year of Grant:	31	28	17	16	18	24	29	15	19	19	14	16	36	53	62	397
Patents By Year of Application:	82	17	17	32	32	32	35	19	19	28	35	25	20	4	0	397
ANDREW CORPORATION																
Patents By Year of Grant:	28	8	10	6	14	31	39	29	41	30	26	23	30	40	42	397
Patents By Year of Application:	46	13	18	30	64	55	32	25	24	19	34	20	11	5	1	397
AUTODESK, INC.																
Patents By Year of Grant:	13	8	18	19	21	18	19	30	37	26	21	40	47	35	45	397
Patents By Year of Application:	58	37	33	45	33	25	40	22	38	23	28	10	3	1	1	397
EBAY INC.																
Patents By Year of Grant:	0	0	1	0	2	2	3	2	9	6	19	23	81	110	139	397
Patents By Year of Application:	2	5	24	14	14	24	36	25	43	55	41	41	41	31	1	397
GEORGIA TECH RESEARCH CORP.																
Patents By Year of Grant:	48	15	13	15	19	20	20	26	32	28	20	28	36	42	34	396
Patents By Year of Application:	86	14	28	23	21	39	16	34	46	30	22	20	12	5	0	396

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
LG INNOTEK CO., LTD																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	1	3	9	14	52	121	195	396
Patents By Year of Application:	0	0	0	0	0	5	13	19	27	54	68	64	75	69	2	396
DELCO ELECTRONICS CORPORATION																
Patents By Year of Grant:	289	63	34	6	1	0	0	0	0	0	0	0	0	0	0	393
Patents By Year of Application:	382	11	0	0	0	0	0	0	0	0	0	0	0	0	0	393
CARL ZEISS SMT AG																
Patents By Year of Grant:	0	0	0	0	0	5	28	35	57	61	69	56	71	9	1	392
Patents By Year of Application:	0	1	2	25	32	49	73	75	51	41	35	8	0	0	0	392
KONICA MINOLTA OPTO, INC																
Patents By Year of Grant:	0	0	0	0	0	0	2	5	12	43	56	64	74	76	60	392
Patents By Year of Application:	0	0	0	0	3	4	41	69	68	76	69	39	17	6	0	392
MCAFEE, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	9	65	52	27	31	62	62	83	391
Patents By Year of Application:	0	1	11	90	60	19	28	36	44	55	16	14	11	6	0	391
Aptina Imaging Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	16	100	134	84	56	390
Patents By Year of Application:	1	0	1	2	4	13	30	47	57	92	91	44	7	1	0	390
RED HAT, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	1	3	4	1	9	19	77	104	172	390
Patents By Year of Application:	0	0	3	6	0	7	6	22	58	127	67	59	29	4	2	390
THE MATH WORKS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	3	10	13	32	54	73	99	105	389
Patents By Year of Application:	0	0	3	20	3	44	55	52	49	84	33	18	16	11	1	389
OSRAM OPTO SEMICONDUCTORS GMBH																
Patents By Year of Grant:	0	0	0	1	4	13	21	32	25	28	44	48	48	49	75	388
Patents By Year of Application:	0	2	9	20	52	48	45	65	42	44	41	10	3	7	0	388
STATS CHIPPAC LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	2	14	20	33	77	121	118	386
Patents By Year of Application:	0	0	0	0	0	0	3	20	92	77	85	49	45	14	1	386
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	105	6	11	5	5	7	18	16	29	39	29	31	36	25	23	385
Patents By Year of Application:	122	10	9	10	20	28	49	43	34	23	19	11	2	3	2	385

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SKYWORKS SOLUTIONS, INC.																
Patents By Year of Grant:	0	0	0	0	10	55	74	37	42	23	23	41	19	35	26	385
Patents By Year of Application:	17	28	45	57	32	32	34	33	24	23	25	12	18	4	1	385
TERADYNE, INC.																
Patents By Year of Grant:	41	11	12	17	29	30	37	27	30	22	27	35	19	30	18	385
Patents By Year of Application:	74	31	42	28	38	21	24	44	16	25	21	8	12	1	0	385
HEADWAY TECHNOLOGIES, INC.																
Patents By Year of Grant:	4	3	1	6	12	10	12	29	50	35	48	27	27	54	66	384
Patents By Year of Application:	10	8	10	17	20	40	57	52	24	41	25	27	34	19	0	384
USHIO DENKI KABUSHIKI KAISYA																
Patents By Year of Grant:	32	23	13	16	30	43	39	32	25	12	19	24	22	21	33	384
Patents By Year of Application:	72	22	38	34	38	31	24	17	23	23	24	21	17	0	0	384
LINEAR TECHNOLOGY CORPORATION																
Patents By Year of Grant:	52	9	28	15	19	27	13	19	16	33	37	24	33	25	33	383
Patents By Year of Application:	86	18	22	23	15	23	19	56	43	18	21	19	17	3	0	383
UNIVERSITY OF TEXAS																
Patents By Year of Grant:	81	13	10	14	18	17	20	14	19	20	22	22	30	35	37	372
Patents By Year of Application:	114	17	21	26	18	22	20	21	30	22	24	21	11	3	2	372
DEUTSCHE THOMSON-BRANDT GMBH																
Patents By Year of Grant:	202	45	42	46	20	0	3	3	9	1	0	0	0	0	0	371
Patents By Year of Application:	327	28	11	3	2	0	0	0	0	0	0	0	0	0	0	371
CORNING CABLE SYSTEMS LLC																
Patents By Year of Grant:	0	0	1	4	33	32	36	27	27	32	32	32	46	24	41	367
Patents By Year of Application:	8	17	28	36	26	25	40	23	45	32	41	28	15	1	2	367
HYUNDAI MOTOR COMPANY																
Patents By Year of Grant:	22	9	14	16	24	14	25	30	33	23	19	14	34	35	55	367
Patents By Year of Application:	43	19	21	24	31	40	20	27	19	32	50	33	7	1	0	367
FUJITSU MICROELECTRONICS LIMITED																
Patents By Year of Grant:	0	1	0	0	0	0	0	0	0	0	0	214	151	0	0	366
Patents By Year of Application:	1	0	0	1	6	6	28	70	123	86	41	4	0	0	0	366
ASEA BROWN BOVERI AB																
Patents By Year of Grant:	80	28	15	29	34	23	22	24	32	17	7	11	8	16	17	363
Patents By Year of Application:	144	31	29	45	38	26	16	13	5	5	2	4	0	1	4	363

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
BAYERISCHE MOTOREN WERKE AG																
Patents By Year of Grant:	28	10	10	18	19	20	25	15	18	27	35	32	40	30	36	363
Patents By Year of Application:	55	22	31	34	14	8	19	24	48	52	18	30	5	3	0	363
NUANCE COMMUNICATIONS, INC.																
Patents By Year of Grant:	0	0	1	4	1	5	5	4	7	11	3	27	71	103	121	363
Patents By Year of Application:	6	11	6	7	15	14	21	50	51	53	92	13	10	13	1	363
ANDO ELECTRIC CO., LTD.																
Patents By Year of Grant:	109	35	38	32	49	46	37	16	0	0	0	0	0	0	0	362
Patents By Year of Application:	198	34	55	40	30	5	0	0	0	0	0	0	0	0	0	362
CYMER, INC.																
Patents By Year of Grant:	18	23	30	23	19	31	24	16	25	32	33	16	34	16	21	361
Patents By Year of Application:	65	42	21	31	18	29	26	35	31	26	13	11	8	5	0	361
INTUIT, INC.																
Patents By Year of Grant:	3	1	0	0	2	0	1	1	4	2	5	18	88	116	119	360
Patents By Year of Application:	4	2	3	5	6	5	11	18	87	79	89	29	14	8	0	360
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	172	12	9	8	13	6	8	13	12	18	12	11	19	22	24	359
Patents By Year of Application:	206	9	6	8	12	15	21	11	16	20	21	8	5	1	0	359
NIPPON SHEET GLASS CO., LTD.																
Patents By Year of Grant:	52	16	15	21	19	27	44	36	36	30	23	10	11	10	7	357
Patents By Year of Application:	79	22	27	54	39	44	24	26	20	8	9	3	2	0	0	357
LEVITON MANUFACTURING CO. INC.																
Patents By Year of Grant:	70	19	16	16	12	11	10	23	29	35	25	22	24	24	20	356
Patents By Year of Application:	106	19	9	19	13	16	32	41	35	25	20	15	3	3	0	356
HITACHI CABLE, LTD.																
Patents By Year of Grant:	39	12	11	11	9	17	12	14	16	19	28	36	48	35	48	355
Patents By Year of Application:	67	10	6	22	17	11	22	31	36	42	33	35	20	3	0	355
JP MORGAN CHASE BANK, N.A.																
Patents By Year of Grant:	0	0	0	0	0	2	8	4	9	27	45	41	84	60	73	353
Patents By Year of Application:	2	8	22	27	30	38	37	37	39	36	15	21	22	16	3	353
KOMATSU LTD.																
Patents By Year of Grant:	36	26	32	38	27	30	24	16	17	14	10	11	20	27	24	352
Patents By Year of Application:	110	38	50	16	24	12	12	24	27	19	13	5	1	1	0	352

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
NETLOGIC MICROSYSTEMS, INC.																
Patents By Year of Grant:	0	0	6	16	8	11	27	23	23	35	35	27	56	65	20	352
Patents By Year of Application:	6	15	19	22	32	34	37	28	32	46	40	16	23	2	0	352
FIRST DATA CORPORATION																
Patents By Year of Grant:	2	0	8	7	7	6	17	20	54	32	45	53	45	38	17	351
Patents By Year of Application:	15	22	9	26	56	62	36	28	40	36	10	7	1	3	0	351
GENTEX CORPORATION																
Patents By Year of Grant:	22	10	19	26	28	40	20	31	23	17	32	23	21	17	20	349
Patents By Year of Application:	48	31	30	39	29	30	36	20	26	21	22	9	6	2	0	349
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	14	7	11	13	21	29	22	18	26	18	21	29	41	38	41	349
Patents By Year of Application:	35	22	39	28	26	16	15	24	38	46	31	21	6	2	0	349
MICROCHIP TECHNOLOGY INCORPORATED																
Patents By Year of Grant:	59	21	27	21	24	22	17	11	17	17	13	16	26	35	23	349
Patents By Year of Application:	118	12	25	48	3	9	17	12	8	22	42	15	14	4	0	349
QWEST COMMUNICATIONS INTERNATIONAL INC.																
Patents By Year of Grant:	1	0	5	37	37	39	35	27	40	29	18	19	13	21	27	348
Patents By Year of Application:	71	66	39	48	24	31	18	21	6	5	7	5	4	3	0	348
TRADING TECHNOLOGIES INTERNATIONAL, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	2	1	4	4	15	76	96	66	83	347
Patents By Year of Application:	0	1	3	3	18	32	18	15	98	11	9	42	48	42	7	347
FUJI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	59	6	9	16	22	21	21	11	31	21	22	17	33	21	36	346
Patents By Year of Application:	78	18	29	21	19	26	39	27	19	26	23	15	4	2	0	346
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	224	24	42	32	13	6	3	0	0	0	0	0	0	0	0	344
Patents By Year of Application:	295	42	4	0	3	0	0	0	0	0	0	0	0	0	0	344
ZENITH ELECTRONICS CORPORATION																
Patents By Year of Grant:	177	21	22	16	8	16	14	10	7	14	8	4	5	8	14	344
Patents By Year of Application:	234	22	15	12	11	12	10	6	6	12	1	2	1	0	0	344
NOVATEK MICROELECTRONICS CORP.																
Patents By Year of Grant:	0	0	1	2	1	4	4	3	8	31	29	42	59	61	96	341
Patents By Year of Application:	1	3	3	1	2	13	16	45	71	63	60	44	15	3	1	341

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SIEMENS CORPORATE RESEARCH, INC.																
Patents By Year of Grant:	49	34	22	23	15	27	22	22	46	34	19	25	1	0	1	340
Patents By Year of Application:	128	32	23	39	41	26	12	28	7	3	1	0	0	0	0	340
HITACHI MEDICAL CORPORATION																
Patents By Year of Grant:	67	20	9	10	20	18	13	12	16	16	21	22	30	32	33	339
Patents By Year of Application:	107	10	18	27	25	28	30	21	27	23	16	6	0	1	0	339
APPLIED MICRO CIRCUITS CORPORATION																
Patents By Year of Grant:	1	6	5	11	17	29	35	30	31	32	21	15	31	29	45	338
Patents By Year of Application:	17	16	34	32	68	39	9	3	15	21	28	34	20	2	0	338
DEERE + COMPANY																
Patents By Year of Grant:	20	6	4	14	12	12	18	19	29	36	25	19	42	39	43	338
Patents By Year of Application:	31	11	10	17	17	34	24	49	40	43	30	21	10	1	0	338
LEAR CORPORATION																
Patents By Year of Grant:	3	5	7	9	11	17	19	29	60	43	28	32	21	23	31	338
Patents By Year of Application:	17	11	20	17	27	57	54	44	30	22	13	16	7	2	1	338
JOHNS HOPKINS UNIVERSITY																
Patents By Year of Grant:	41	13	7	12	15	18	36	31	41	27	16	17	24	15	24	337
Patents By Year of Application:	71	19	18	21	44	57	27	15	15	14	13	12	9	2	0	337
IBIDEN CO., LTD.																
Patents By Year of Grant:	17	3	2	12	13	17	22	21	6	6	27	19	48	58	65	336
Patents By Year of Application:	33	12	17	26	26	10	15	19	35	34	46	35	23	4	1	336
PALM, INC.																
Patents By Year of Grant:	0	0	2	12	31	29	6	19	35	29	37	59	67	10	0	336
Patents By Year of Application:	11	22	32	74	25	18	25	44	49	22	10	4	0	0	0	336
SENSORMATIC ELECTRONICS CORPORATION																
Patents By Year of Grant:	82	38	23	14	9	9	10	12	21	14	8	20	26	21	29	336
Patents By Year of Application:	147	12	14	15	15	18	16	28	24	9	17	16	4	1	0	336
ATI INTERNATIONAL SRL																
Patents By Year of Grant:	0	6	11	44	72	70	59	30	20	12	4	4	0	1	0	333
Patents By Year of Application:	64	145	101	13	3	0	4	3	0	0	0	0	0	0	0	333
DIEBOLD SELF SERVICE SYSTEMS, A DIVISION OF DIEBOLD, INCORPORATED																
Patents By Year of Grant:	0	0	0	0	0	0	3	12	32	39	43	30	50	68	55	332
Patents By Year of Application:	0	0	0	0	1	32	42	32	54	52	46	15	31	25	2	332

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
STMICROELECTRONICS, LTD.																
Patents By Year of Grant:	1	1	6	14	38	52	34	46	28	30	24	14	24	15	5	332
Patents By Year of Application:	11	69	43	53	51	28	31	25	11	3	3	1	3	0	0	332
BEN Q CORPORATION																
Patents By Year of Grant:	0	0	0	0	5	18	36	50	74	107	32	5	4	0	0	331
Patents By Year of Application:	1	9	12	21	36	87	101	43	15	6	0	0	0	0	0	331
HUGHES ELECTRONIC DEVICES CORPORATION																
Patents By Year of Grant:	327	2	1	1	0	0	0	0	0	0	0	0	0	0	0	331
Patents By Year of Application:	331	0	0	0	0	0	0	0	0	0	0	0	0	0	0	331
Qualcomm MEMS Technologies, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	12	22	103	111	79	329
Patents By Year of Application:	0	0	0	0	0	1	5	36	53	55	66	59	37	15	2	329
QUANTA COMPUTER INC.																
Patents By Year of Grant:	2	0	3	0	2	8	25	23	30	31	32	28	39	53	51	327
Patents By Year of Application:	4	2	0	5	44	25	26	47	42	52	31	33	15	0	1	327
DIEBOLD INCORPORATED																
Patents By Year of Grant:	0	5	13	15	9	16	18	17	26	23	32	42	37	40	33	326
Patents By Year of Application:	39	18	17	23	33	19	18	23	26	27	27	18	15	18	5	326
IMMERSSION CORPORATION																
Patents By Year of Grant:	1	9	23	30	18	8	25	14	30	25	21	23	31	37	31	326
Patents By Year of Application:	46	29	39	37	21	20	37	14	22	30	16	7	5	2	1	326
UNIVERSITY OF WASHINGTON																
Patents By Year of Grant:	54	15	19	21	13	19	17	18	10	18	21	20	34	17	27	323
Patents By Year of Application:	103	17	28	16	11	14	21	22	22	26	19	17	4	3	0	323
TYCO ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	2	21	29	34	20	22	22	23	21	22	31	29	46	322
Patents By Year of Application:	6	20	37	33	22	29	22	23	22	29	28	35	14	2	0	322
FUJIKURA LTD.																
Patents By Year of Grant:	24	4	3	5	6	17	29	27	25	31	28	19	26	33	42	319
Patents By Year of Application:	34	5	8	18	47	29	25	30	14	32	22	30	17	6	2	319
SANKEN ELECTRIC COMPANY LIMITED																
Patents By Year of Grant:	7	1	4	2	8	11	15	10	21	38	31	37	40	45	49	319
Patents By Year of Application:	9	3	8	12	22	18	29	44	47	29	42	37	18	0	1	319

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
MICRON ELECTRONICS, INC.																
Patents By Year of Grant:	36	90	115	62	11	2	1	0	1	0	0	0	0	0	0	318
Patents By Year of Application:	293	19	2	3	0	1	0	0	0	0	0	0	0	0	0	318
WHITAKER CORPORATION																
Patents By Year of Grant:	195	36	39	28	12	4	2	1	1	0	0	0	0	0	0	318
Patents By Year of Application:	286	26	4	2	0	0	0	0	0	0	0	0	0	0	0	318
YOKOGAWA ELECTRIC CORP.																
Patents By Year of Grant:	45	6	6	11	7	12	6	30	23	21	22	27	40	33	28	317
Patents By Year of Application:	57	12	10	19	15	20	29	36	33	35	27	13	8	3	0	317
Chimei-InnoLux Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	49	105	161	315
Patents By Year of Application:	0	0	0	0	0	1	3	8	35	63	104	69	28	4	0	315
NOKIA NETWORKS OY																
Patents By Year of Grant:	0	0	5	40	85	37	58	37	41	8	0	0	4	0	0	315
Patents By Year of Application:	7	73	140	89	4	0	1	0	0	1	0	0	0	0	0	315
SCHNEIDER ELECTRIC SA																
Patents By Year of Grant:	60	46	26	23	22	23	15	13	9	14	12	8	14	15	15	315
Patents By Year of Application:	131	26	17	28	19	20	6	16	15	14	13	9	1	0	0	315
Dongbu Hitek Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	32	91	118	70	314
Patents By Year of Application:	0	0	0	0	0	0	2	2	19	74	112	102	3	0	0	314
SUNPLUS TECHNOLOGY CO., LTD.																
Patents By Year of Grant:	0	0	0	7	8	5	8	9	20	31	43	33	44	46	60	314
Patents By Year of Application:	0	6	14	9	3	11	52	63	38	39	27	27	20	4	1	314
FISHER-ROSEMOUNT SYSTEMS, INC.																
Patents By Year of Grant:	18	7	4	7	7	13	16	22	27	21	19	30	42	46	33	312
Patents By Year of Application:	37	22	19	17	24	39	31	23	35	27	15	13	8	2	0	312
OSRAM GMBH																
Patents By Year of Grant:	0	0	0	0	0	0	0	16	16	8	12	24	59	69	108	312
Patents By Year of Application:	1	1	3	10	9	17	16	28	76	94	31	15	8	3	0	312
NINTENDO CO., LTD.																
Patents By Year of Grant:	28	9	7	7	15	19	16	12	22	11	17	22	36	35	55	311
Patents By Year of Application:	51	10	39	22	11	10	12	24	47	24	26	23	6	5	1	311

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
KABUSHIKI KAISHA YASKAWA DENKI																
Patents By Year of Grant:	28	4	12	15	10	8	26	16	20	23	22	21	23	40	41	309
Patents By Year of Application:	40	16	11	21	29	44	24	25	21	22	2	19	25	8	2	309
TOKAI RIKI DENKI SEISAKUSHO K.K.																
Patents By Year of Grant:	69	10	11	20	11	23	23	15	25	26	14	18	18	11	15	309
Patents By Year of Application:	90	24	15	23	21	29	28	16	18	16	17	11	1	0	0	309
TOYODA GOSEI KABUSHIKI KAISHA																
Patents By Year of Grant:	20	7	6	9	15	20	27	39	32	28	23	22	14	23	23	308
Patents By Year of Application:	40	8	28	20	40	39	31	26	19	16	17	17	5	2	0	308
UNITED SERVICES AUTOMOBILE ASSOCIATION (USAA)																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	1	3	1	7	76	102	116	307
Patents By Year of Application:	0	0	0	0	4	8	2	42	40	64	90	18	19	20	0	307
COOPER TECHNOLOGIES COMPANY																
Patents By Year of Grant:	2	9	8	7	6	19	10	7	6	10	21	45	43	58	54	305
Patents By Year of Application:	17	8	9	18	13	9	20	23	44	34	45	34	28	3	0	305
EPCOS AG																
Patents By Year of Grant:	0	0	0	6	16	9	18	23	21	13	23	27	33	65	51	305
Patents By Year of Application:	0	4	19	19	30	40	30	35	45	18	4	33	22	6	0	305
HAMILTON SUNDSTRAND CORPORATION																
Patents By Year of Grant:	0	0	10	12	8	2	8	7	15	19	22	34	47	52	69	305
Patents By Year of Application:	17	7	4	7	10	9	29	27	29	41	46	53	22	3	1	305
SANKYO SEIKI MFG. CO., LTD.																
Patents By Year of Grant:	117	23	17	26	20	35	30	25	10	1	0	1	0	0	0	305
Patents By Year of Application:	167	18	34	30	31	18	6	1	0	0	0	0	0	0	0	305
BLACK & DECKER INC.																
Patents By Year of Grant:	44	7	19	11	10	18	17	21	31	18	23	15	28	18	21	301
Patents By Year of Application:	66	18	13	14	27	26	24	34	24	8	26	12	5	3	1	301
TSINGHUA UNIVERSITY																
Patents By Year of Grant:	2	0	0	1	0	1	2	5	10	14	30	33	60	60	82	300
Patents By Year of Application:	2	1	1	2	3	16	14	29	48	41	62	51	23	7	0	300
PRIMAX ELECTRONICS LTD.																
Patents By Year of Grant:	20	17	23	14	9	16	13	7	9	16	18	22	34	41	40	299
Patents By Year of Application:	71	11	3	10	19	22	15	17	31	25	29	32	12	2	0	299

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ASMO CO., LTD.																
Patents By Year of Grant:	38	10	12	21	18	18	33	20	14	19	12	19	25	19	20	298
Patents By Year of Application:	59	14	21	29	20	22	26	12	30	10	28	13	11	2	1	298
CITRIX SYSTEMS, INC.																
Patents By Year of Grant:	2	5	10	2	6	2	10	6	7	3	7	18	48	65	107	298
Patents By Year of Application:	19	11	11	15	6	5	30	37	33	45	20	41	18	6	1	298
INTERUNIVERSITÄT MICRO-ELEKTRONICA CENTRUM (IMEC VZW)																
Patents By Year of Grant:	19	11	10	17	10	26	23	15	24	12	13	14	38	32	34	298
Patents By Year of Application:	55	18	25	19	23	20	23	15	17	26	30	16	8	3	0	298
WESTERNGECO, LLC																
Patents By Year of Grant:	0	0	0	4	9	16	15	18	9	13	43	30	59	45	37	298
Patents By Year of Application:	0	5	19	18	16	36	21	29	42	37	50	19	3	3	0	298
BELL COMMUNICATIONS RESEARCH, INC.																
Patents By Year of Grant:	281	14	1	0	0	0	0	0	0	0	0	0	0	0	0	296
Patents By Year of Application:	296	0	0	0	0	0	0	0	0	0	0	0	0	0	0	296
UNIVERSITY OF MICHIGAN																
Patents By Year of Grant:	58	6	8	13	10	22	21	25	17	11	11	15	16	27	36	296
Patents By Year of Application:	78	10	15	22	25	31	18	15	14	12	25	14	11	6	0	296
IOMEGA CORPORATION																
Patents By Year of Grant:	61	44	53	45	19	25	21	7	8	5	3	2	1	0	1	295
Patents By Year of Application:	177	40	30	25	1	11	3	2	4	1	0	0	1	0	0	295
MITSUBISHI HEAVY INDUSTRIES, LTD.																
Patents By Year of Grant:	2	7	12	15	22	14	16	14	17	16	16	12	33	40	59	295
Patents By Year of Application:	30	9	14	28	26	15	16	21	16	37	33	20	22	8	0	295
JOHANNES HEIDENHAIN GMBH																
Patents By Year of Grant:	44	11	10	14	19	25	17	22	36	27	20	15	20	8	6	294
Patents By Year of Application:	73	24	23	20	38	27	24	17	20	10	14	3	1	0	0	294
HITACHI KOKUSAI ELECTRIC INC.																
Patents By Year of Grant:	0	0	0	0	8	7	27	37	32	26	25	23	36	38	34	293
Patents By Year of Application:	0	1	10	50	44	33	17	31	22	20	32	24	6	3	0	293
L-3 COMMUNICATIONS CORPORATION																
Patents By Year of Grant:	6	10	10	17	12	17	14	12	30	30	21	33	33	22	24	291
Patents By Year of Application:	33	17	20	29	22	26	21	25	38	19	23	12	5	1	0	291

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
Motorola Solutions, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	93	198	291
Patents By Year of Application:	0	0	0	1	2	0	5	11	24	93	89	52	14	0	0	291
NEC LABORATORIES AMERICA, INC.																
Patents By Year of Grant:	0	0	0	0	0	4	7	5	10	19	9	23	39	45	129	290
Patents By Year of Application:	1	1	10	9	5	6	15	15	32	44	74	44	11	23	0	290
SIEMENS INFORMATION AND COMMUNICATIONS NETWORKS, INC.																
Patents By Year of Grant:	0	58	40	48	49	33	57	2	0	2	1	0	0	0	0	290
Patents By Year of Application:	194	46	19	23	5	2	0	1	0	0	0	0	0	0	0	290
Avago Technologies General IP (Singapore) Pte. Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	39	76	54	52	47	16	5	289
Patents By Year of Application:	0	1	3	8	15	44	48	68	80	11	9	2	0	0	0	289
TAIYO YUDEN CO., LTD.																
Patents By Year of Grant:	12	6	13	19	27	12	11	8	19	12	16	13	33	51	36	288
Patents By Year of Application:	32	22	32	11	10	13	17	19	21	29	36	28	14	3	1	288
BELL ATLANTIC NETWORK SERVICES, INC.																
Patents By Year of Grant:	163	32	43	36	9	1	2	1	0	0	0	0	0	0	0	287
Patents By Year of Application:	272	11	4	0	0	0	0	0	0	0	0	0	0	0	0	287
SONY UNITED KINGDOM LIMITED																
Patents By Year of Grant:	54	0	6	7	19	23	24	6	22	20	20	26	21	23	16	287
Patents By Year of Application:	80	19	40	27	19	28	22	20	12	12	3	3	2	0	0	287
BANK OF AMERICA CORPORATION																
Patents By Year of Grant:	0	0	1	0	2	0	1	1	2	6	2	15	26	71	159	286
Patents By Year of Application:	2	1	1	3	6	8	17	13	21	45	70	53	34	12	0	286
COLUMBIA UNIVERSITY																
Patents By Year of Grant:	41	9	12	8	5	10	13	18	15	22	22	21	35	31	24	286
Patents By Year of Application:	68	21	19	15	17	18	28	20	15	32	17	12	4	0	0	286
NIPPON STEEL CORP.																
Patents By Year of Grant:	181	20	16	14	11	8	5	5	5	3	2	0	4	7	5	286
Patents By Year of Application:	230	9	7	4	13	5	6	2	1	2	2	3	2	0	0	286
RF MICRO DEVICES, INC.																
Patents By Year of Grant:	2	0	1	9	10	14	31	13	21	20	28	31	24	51	31	286
Patents By Year of Application:	2	7	20	20	26	20	24	28	34	41	28	13	19	4	0	286

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
UNIVERSITY OF CENTRAL FLORIDA																
Patents By Year of Grant:	32	4	7	13	7	13	18	17	23	15	27	28	28	25	27	284
Patents By Year of Application:	42	12	13	11	19	25	30	21	30	34	24	13	9	1	0	284
UNIVERSITY OF ILLINOIS																
Patents By Year of Grant:	33	10	9	11	13	11	21	11	22	15	14	21	31	29	33	284
Patents By Year of Application:	56	18	19	15	19	14	25	22	21	24	25	18	7	1	0	284
ZYGO CORPORATION																
Patents By Year of Grant:	31	7	7	17	5	17	32	28	27	29	25	23	11	17	7	283
Patents By Year of Application:	46	16	7	21	46	27	25	24	22	21	12	12	3	1	0	283
MURATA KIKAI KABUSHIKI KAISHA																
Patents By Year of Grant:	60	6	11	11	10	14	11	23	29	33	23	19	22	7	3	282
Patents By Year of Application:	89	16	16	27	30	24	21	18	25	15	1	0	0	0	0	282
PICKER INTERNATIONAL, INC.																
Patents By Year of Grant:	161	25	51	38	7	0	0	0	0	0	0	0	0	0	0	282
Patents By Year of Application:	256	25	0	1	0	0	0	0	0	0	0	0	0	0	0	282
FORM FACTOR, INC.																
Patents By Year of Grant:	2	3	3	10	13	21	24	20	20	25	21	28	40	31	20	281
Patents By Year of Application:	23	9	20	25	23	16	25	22	37	24	35	17	3	1	1	281
O2 MICRO INTERNATIONAL LTD.																
Patents By Year of Grant:	0	1	1	8	8	8	20	21	26	19	41	43	44	24	17	281
Patents By Year of Application:	2	5	9	18	23	37	33	43	45	23	12	14	13	3	1	281
ASML HOLDING N.V.																
Patents By Year of Grant:	0	0	0	0	0	2	28	36	52	41	32	29	28	20	12	280
Patents By Year of Application:	0	1	3	7	23	47	69	47	33	23	19	7	0	1	0	280
MATSUSHITA ELECTRONICS CORPORATION																
Patents By Year of Grant:	101	48	53	52	18	6	2	0	0	0	0	0	0	0	0	280
Patents By Year of Application:	225	33	15	5	1	1	0	0	0	0	0	0	0	0	0	280
NDK, NIHON DEMPA KOGYO COMPANY, LTD.																
Patents By Year of Grant:	2	0	1	2	4	4	25	13	28	19	17	25	37	49	54	280
Patents By Year of Application:	3	0	2	7	28	23	16	28	24	27	39	49	27	7	0	280
HEIDELBERGER DRUCKMASCHINEN AG																
Patents By Year of Grant:	46	3	10	5	33	48	34	17	12	14	16	13	8	8	12	279
Patents By Year of Application:	66	15	49	40	33	24	11	12	8	10	5	4	1	1	0	279

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
MICREL INCORPORATED																
Patents By Year of Grant:	17	0	4	11	10	17	25	24	31	27	29	27	26	18	10	276
Patents By Year of Application:	21	5	14	23	23	31	33	32	34	24	20	12	3	1	0	276
SRI INTERNATIONAL																
Patents By Year of Grant:	29	4	1	8	9	14	22	14	30	19	17	17	29	26	37	276
Patents By Year of Application:	40	9	33	31	19	8	22	16	27	31	16	12	11	1	0	276
ShenZhen FuTaiHong Precision Industry Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	4	6	15	33	63	154	276
Patents By Year of Application:	0	0	0	0	0	0	8	5	19	20	42	99	81	1	1	276
SIEMENS AUDIOLOGISCHE TECHNIK GMBH																
Patents By Year of Grant:	18	3	10	4	7	10	5	7	15	22	17	22	39	30	66	275
Patents By Year of Application:	37	6	10	7	6	21	34	31	39	59	22	3	0	0	0	275
VALEO VISION																
Patents By Year of Grant:	34	15	13	18	18	17	16	17	18	16	24	21	21	16	11	275
Patents By Year of Application:	70	15	22	14	19	27	17	20	30	20	16	3	1	1	0	275
AGFA-GEVAERT N.V.																
Patents By Year of Grant:	111	24	18	14	20	13	11	8	17	20	6	3	5	2	2	274
Patents By Year of Application:	166	14	19	10	14	20	8	11	8	1	0	0	1	2	0	274
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	55	11	16	17	13	23	20	10	15	10	17	11	22	17	17	274
Patents By Year of Application:	88	19	11	20	22	12	14	15	13	26	11	10	7	5	1	274
IMATION CORP.																
Patents By Year of Grant:	27	32	23	13	11	21	23	15	29	17	15	9	8	9	22	274
Patents By Year of Application:	86	20	20	20	15	20	29	14	13	10	16	6	1	4	0	274
QINETIQ LIMITED																
Patents By Year of Grant:	0	0	0	0	15	24	25	25	34	28	31	23	25	22	22	274
Patents By Year of Application:	7	12	18	31	57	58	35	13	18	14	7	2	2	0	0	274
LAM RESEARCH CORPORATION																
Patents By Year of Grant:	29	13	14	10	13	22	14	26	13	18	13	17	22	25	24	273
Patents By Year of Application:	58	11	22	18	23	18	22	22	14	19	14	15	15	2	0	273
NORITSU KOKI CO., LTD.																
Patents By Year of Grant:	96	27	20	15	13	7	7	7	8	19	24	16	12	2	0	273
Patents By Year of Application:	152	17	6	13	17	9	26	21	10	1	0	1	0	0	0	273

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
CARL ZEISS STIFTUNG																
Patents By Year of Grant:	92	23	13	22	33	37	17	12	8	8	2	0	2	0	0	269
Patents By Year of Application:	133	19	39	43	13	13	8	1	0	0	0	0	0	0	0	269
BATTELLE MEMORIAL INSTITUTE																
Patents By Year of Grant:	27	4	8	9	11	19	23	27	31	18	17	18	16	20	19	267
Patents By Year of Application:	43	15	15	26	33	30	21	23	20	14	11	10	4	2	0	267
BULL S.A.																
Patents By Year of Grant:	125	20	15	19	21	8	9	6	14	6	6	8	2	6	2	267
Patents By Year of Application:	182	21	20	15	9	6	3	3	2	3	2	1	0	0	0	267
JEOL LTD.																
Patents By Year of Grant:	51	12	14	10	13	16	27	17	21	9	18	15	17	16	11	267
Patents By Year of Application:	79	10	19	16	24	10	19	21	18	20	14	11	4	2	0	267
OLYMPUS IMAGING CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	5	29	50	72	58	51	265
Patents By Year of Application:	0	0	0	0	0	0	0	11	50	70	73	34	22	5	0	265
ADTRAN																
Patents By Year of Grant:	35	14	4	11	18	25	17	20	26	15	10	24	16	10	19	264
Patents By Year of Application:	67	24	22	27	22	28	23	11	8	4	12	8	6	2	0	264
ROHDE & SCHWARZ GMBH & CO., KG																
Patents By Year of Grant:	20	2	5	5	5	10	6	15	25	24	18	25	31	37	36	264
Patents By Year of Application:	29	5	18	20	32	25	22	26	27	39	13	7	1	0	0	264
TELLABS OPERATIONS INC.																
Patents By Year of Grant:	3	2	13	9	9	18	14	15	35	24	29	18	22	24	29	264
Patents By Year of Application:	30	19	27	25	27	18	13	25	21	19	22	12	4	2	0	264
MIPS TECHNOLOGIES INC.																
Patents By Year of Grant:	1	3	1	6	8	8	12	4	25	29	14	40	58	32	22	263
Patents By Year of Application:	10	18	23	38	14	6	14	24	59	26	11	13	4	3	0	263
PMC-SIERRA LTD.																
Patents By Year of Grant:	23	10	17	10	23	19	15	9	20	22	21	17	22	21	13	262
Patents By Year of Application:	62	18	27	26	22	9	15	12	21	15	14	11	8	2	0	262
WALKER DIGITAL, LLC																
Patents By Year of Grant:	0	0	13	34	22	13	11	11	11	19	18	25	34	31	19	261
Patents By Year of Application:	67	31	33	13	12	8	12	7	36	17	6	9	6	3	1	261

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ELECTRONIC DATA SYSTEMS CORPORATION																
Patents By Year of Grant:	72	48	18	13	21	7	12	11	16	22	16	4	0	0	0	260
Patents By Year of Application:	175	17	4	8	22	17	9	4	3	1	0	0	0	0	0	260
HITACHI METALS LTD.																
Patents By Year of Grant:	84	9	8	9	7	7	6	11	14	8	12	16	15	27	27	260
Patents By Year of Application:	102	10	8	12	10	9	18	16	19	29	10	11	5	1	0	260
FARADAY TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	3	2	2	10	14	24	18	37	31	30	23	35	18	12	259
Patents By Year of Application:	4	3	3	17	37	28	37	37	27	24	17	14	7	4	0	259
HANNSTAR DISPLAY CORP.																
Patents By Year of Grant:	0	0	0	0	3	13	31	26	31	20	31	30	20	29	25	259
Patents By Year of Application:	0	0	0	27	32	28	48	22	37	20	14	17	10	3	1	259
JAPAN SCIENCE AND TECHNOLOGY AGENCY																
Patents By Year of Grant:	0	0	0	0	0	0	5	12	27	30	34	39	48	31	33	259
Patents By Year of Application:	0	1	3	3	37	40	46	54	25	22	15	9	4	0	0	259
LINCOLN GLOBAL, INC.																
Patents By Year of Grant:	0	8	13	18	17	19	15	21	29	27	18	10	28	11	25	259
Patents By Year of Application:	14	20	18	24	20	30	41	41	21	9	5	7	9	0	0	259
VERIZON LABORATORIES INC.																
Patents By Year of Grant:	0	0	0	21	37	40	20	20	29	14	15	13	24	12	14	259
Patents By Year of Application:	24	67	53	20	24	22	10	13	11	4	3	4	3	1	0	259
COHERENT, INC.																
Patents By Year of Grant:	46	7	17	9	6	13	13	7	21	20	24	18	26	19	11	257
Patents By Year of Application:	66	19	5	9	15	17	22	13	25	22	24	13	2	5	0	257
ST-Ericsson SA																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	11	76	84	86	257
Patents By Year of Application:	0	0	1	0	6	16	27	60	52	35	15	30	13	2	0	257
UT-BATTELLE, LLC																
Patents By Year of Grant:	0	0	2	12	15	23	21	20	23	19	16	15	28	27	36	257
Patents By Year of Application:	5	25	12	22	20	28	18	23	27	14	20	28	12	2	1	257
LUTRON ELECTRONICS COMPANY, INC.																
Patents By Year of Grant:	32	10	5	8	5	5	9	4	16	15	18	28	35	31	35	256
Patents By Year of Application:	49	7	5	9	5	14	15	10	41	38	21	19	19	4	0	256

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SILICONWARE PRECISION INDUSTRIES CO., LTD.																
Patents By Year of Grant:	0	0	1	16	45	49	34	20	16	23	13	9	11	11	8	256
Patents By Year of Application:	1	19	39	56	32	28	24	19	10	10	10	1	5	2	0	256
VMWARE, INC.																
Patents By Year of Grant:	0	0	0	0	2	0	7	4	8	10	9	20	37	53	106	256
Patents By Year of Application:	3	0	6	5	7	16	18	9	42	35	47	38	22	7	1	256
CHRYSLER MOTORS CORPORATION																
Patents By Year of Grant:	165	53	28	7	2	0	0	0	0	0	0	0	0	0	0	255
Patents By Year of Application:	253	0	2	0	0	0	0	0	0	0	0	0	0	0	0	255
OCE PRINTING SYSTEMS GMBH																
Patents By Year of Grant:	10	13	16	27	13	9	13	11	17	20	28	14	23	15	25	254
Patents By Year of Application:	34	27	26	25	23	41	18	12	14	19	2	5	5	1	2	254
NICHIA CORPORATION																
Patents By Year of Grant:	0	0	0	0	1	9	10	24	24	21	31	27	46	35	25	253
Patents By Year of Application:	1	2	6	9	26	26	25	32	28	40	32	14	10	2	0	253
TELCORDIA TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	14	29	23	17	17	20	23	33	9	7	8	15	6	32	253
Patents By Year of Application:	61	34	24	36	21	5	15	10	11	4	9	18	4	1	0	253
ALCATEL USA SOURCING, L.P.																
Patents By Year of Grant:	0	52	61	60	43	19	5	3	5	0	4	0	0	0	0	252
Patents By Year of Application:	190	32	20	2	2	3	1	2	0	0	0	0	0	0	0	252
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.																
Patents By Year of Grant:	15	7	9	13	15	14	16	17	11	18	14	16	24	23	40	252
Patents By Year of Application:	40	15	17	13	14	16	13	20	23	23	30	24	3	1	0	252
AVID TECHNOLOGY, INC.																
Patents By Year of Grant:	30	18	32	24	25	24	21	11	10	8	6	8	14	10	10	251
Patents By Year of Application:	116	21	25	13	16	16	14	9	4	3	6	2	3	3	0	251
KONICA MINOLTA HOLDINGS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	4	10	25	25	35	29	41	46	36	251
Patents By Year of Application:	1	1	0	1	1	34	50	39	42	41	28	7	4	2	0	251
LITE-ON IT CORPORATION																
Patents By Year of Grant:	0	0	0	0	6	9	16	17	25	34	38	26	24	26	30	251
Patents By Year of Application:	0	0	6	13	20	32	40	51	16	24	25	16	7	1	0	251

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

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SIEBEL SYSTEMS, INC.																
Patents By Year of Grant:	1	2	1	7	5	8	14	8	22	29	19	28	57	35	15	251
Patents By Year of Application:	4	13	9	66	66	25	26	15	10	7	8	2	0	0	0	251
SILICON STORAGE TECHNOLOGY, INC.																
Patents By Year of Grant:	15	2	3	10	13	19	15	32	26	26	21	14	31	14	9	250
Patents By Year of Application:	19	10	14	22	27	35	29	21	10	25	15	13	8	2	0	250
SPX CORPORATION																
Patents By Year of Grant:	8	2	3	3	6	23	30	27	26	12	11	17	20	30	32	250
Patents By Year of Application:	11	7	16	33	36	24	21	15	23	22	10	18	8	5	1	250
LITE-ON TECHNOLOGY CORPORATION																
Patents By Year of Grant:	1	1	0	0	0	2	23	20	35	19	32	50	39	21	6	249
Patents By Year of Application:	2	1	5	13	21	28	36	38	40	42	19	2	1	1	0	249
SIRF TECHNOLOGY, INC.																
Patents By Year of Grant:	0	3	3	7	14	22	19	16	28	19	20	19	42	30	7	249
Patents By Year of Application:	10	7	19	35	44	23	25	21	28	23	9	3	1	1	0	249
POLAROID CORPORATION																
Patents By Year of Grant:	114	33	24	10	6	13	13	9	15	4	5	2	0	0	0	248
Patents By Year of Application:	174	9	20	15	5	11	8	4	1	1	0	0	0	0	0	248
ROSEMOUNT INC.																
Patents By Year of Grant:	44	14	8	8	15	20	11	10	11	15	12	15	23	22	19	247
Patents By Year of Application:	71	23	16	11	10	15	16	19	22	21	10	8	5	0	0	247
GENESYS TELECOMMUNICATIONS LABORATORIES, INC.																
Patents By Year of Grant:	3	25	27	26	31	15	16	8	17	11	11	12	17	14	13	246
Patents By Year of Application:	92	24	25	11	18	12	19	7	10	13	8	7	0	0	0	246
GLOBALFOUNDRIES Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	10	82	80	73	245
Patents By Year of Application:	0	3	0	1	6	7	10	17	26	71	49	35	14	6	0	245
TESSERA, INC.																
Patents By Year of Grant:	23	7	14	28	21	15	13	21	14	16	14	13	16	16	14	245
Patents By Year of Application:	57	20	15	23	23	16	25	19	18	12	3	0	10	4	0	245
UNITED PARCEL SERVICE OF AMERICA, INC.																
Patents By Year of Grant:	60	11	2	5	4	6	4	7	10	16	19	25	30	27	19	245
Patents By Year of Application:	76	5	5	16	15	12	26	20	18	18	13	10	5	6	0	245

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SanDisk IL Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	13	17	24	40	71	78	243
Patents By Year of Application:	0	0	0	3	2	7	13	18	32	67	55	22	19	5	0	243
HARMAN INTERNATIONAL INDUSTRIES, INC.																
Patents By Year of Grant:	11	7	0	5	7	10	11	6	27	15	30	18	19	35	41	242
Patents By Year of Application:	23	9	14	13	25	40	19	25	26	16	12	10	7	1	2	242
Round Rock Research, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	53	112	77	242
Patents By Year of Application:	1	0	0	0	2	0	3	5	19	58	27	48	45	33	1	242
MAZDA MOTOR CORPORATION																
Patents By Year of Grant:	122	14	10	13	5	7	7	6	11	4	8	4	9	12	8	240
Patents By Year of Application:	150	7	6	15	7	10	2	5	13	9	8	7	1	0	0	240
NATIONAL TAIWAN UNIVERSITY																
Patents By Year of Grant:	0	0	0	0	1	2	8	9	7	10	9	21	32	57	84	240
Patents By Year of Application:	0	0	0	6	9	10	5	11	9	23	69	73	23	2	0	240
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION																
Patents By Year of Grant:	28	3	8	6	8	15	22	18	30	23	29	16	13	15	6	240
Patents By Year of Application:	42	12	20	24	14	19	22	25	34	17	3	5	2	1	0	240
Accenture Global Services Limited																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	14	115	110	239
Patents By Year of Application:	0	3	1	7	12	8	11	16	27	34	43	35	31	10	1	239
DEUTSCHE TELEKOM AG																
Patents By Year of Grant:	8	9	5	22	18	24	15	16	14	21	15	11	17	17	27	239
Patents By Year of Application:	56	43	30	29	17	13	10	6	10	12	8	4	1	0	0	239
SAE MAGNETICS (H.K.) LTD.																
Patents By Year of Grant:	3	1	1	0	0	8	18	13	23	23	28	33	29	32	27	239
Patents By Year of Application:	7	2	3	8	26	32	33	28	35	24	18	11	7	5	0	239
SHOWA DENKO KABUSHIKI KAISHA																
Patents By Year of Grant:	6	7	4	5	18	15	14	11	10	6	13	25	30	39	36	239
Patents By Year of Application:	18	5	16	16	16	21	23	34	35	22	16	10	4	3	0	239
CORNELL RESEARCH FOUNDATION INC.																
Patents By Year of Grant:	67	11	6	9	7	15	8	11	12	19	14	21	20	9	9	238
Patents By Year of Application:	94	6	11	16	13	15	12	17	28	15	3	5	2	1	0	238

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
RICHTEK TECHNOLOGY CORP.																
Patents By Year of Grant:	0	0	0	0	1	1	6	10	12	17	15	25	46	43	62	238
Patents By Year of Application:	0	0	0	0	9	10	17	25	17	39	34	51	29	7	0	238
CREDENCE SYSTEMS CORPORATION																
Patents By Year of Grant:	18	29	34	21	13	6	12	18	34	25	16	6	4	0	1	237
Patents By Year of Application:	78	22	20	10	18	20	39	17	8	4	1	0	0	0	0	237
BOSE CORPORATION																
Patents By Year of Grant:	29	2	2	3	2	6	13	6	8	11	18	18	11	39	68	236
Patents By Year of Application:	49	5	5	10	13	13	21	6	15	23	30	23	22	0	1	236
HITACHI MAXELL, LTD.																
Patents By Year of Grant:	51	10	7	9	16	14	12	10	15	12	14	13	22	17	14	236
Patents By Year of Application:	73	15	17	13	16	15	12	13	14	13	19	8	5	3	0	236
Teradata US, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	20	28	69	51	68	236
Patents By Year of Application:	0	0	5	17	15	31	27	18	28	40	29	15	7	4	0	236
OMNIVISION TECHNOLOGIES INC.																
Patents By Year of Grant:	7	3	4	2	8	4	6	9	11	6	10	11	16	57	81	235
Patents By Year of Application:	16	9	7	9	3	7	24	6	7	26	69	25	16	9	2	235
SAMSUNG DISPLAY DEVICES CO., LTD.																
Patents By Year of Grant:	97	34	31	45	20	6	1	1	0	0	0	0	0	0	0	235
Patents By Year of Application:	181	47	4	3	0	0	0	0	0	0	0	0	0	0	0	235
MSTAR SEMICONDUCTOR, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	3	3	12	10	15	19	33	46	92	234
Patents By Year of Application:	0	0	0	0	6	17	10	33	30	31	42	37	27	1	0	234
WISTRON CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	11	20	19	8	11	13	11	16	50	75	234
Patents By Year of Application:	2	0	1	5	28	19	11	12	8	20	34	55	35	4	0	234
NELLCOR PURITAN BENNETT INCORPORATED																
Patents By Year of Grant:	28	10	10	2	5	3	11	2	13	15	22	13	30	26	43	233
Patents By Year of Application:	50	5	3	7	8	9	24	24	70	11	6	11	5	0	0	233
ATT WIRELESS SERVICES INC																
Patents By Year of Grant:	15	40	18	23	42	37	42	8	6	0	0	1	0	0	0	232
Patents By Year of Application:	124	22	41	17	26	2	0	0	0	0	0	0	0	0	0	232

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
TOSHIBA MATSUSHITA DISPLAY TECHNOLOGY CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	16	25	37	55	41	45	13	232
Patents By Year of Application:	0	0	0	3	5	6	40	51	52	37	26	10	2	0	0	232
CHI MEI COMMUNICATION SYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	0	2	4	1	3	6	30	80	104	231
Patents By Year of Application:	0	0	0	0	1	2	6	1	0	30	72	98	20	1	0	231
EBARA CORPORATION																
Patents By Year of Grant:	44	8	9	11	12	14	14	16	23	19	18	9	11	15	7	230
Patents By Year of Application:	64	6	24	19	13	22	17	15	14	17	12	4	2	1	0	230
READ-RITE CORPORATION																
Patents By Year of Grant:	65	28	26	44	50	15	0	1	0	0	0	0	0	0	0	229
Patents By Year of Application:	140	58	16	10	5	0	0	0	0	0	0	0	0	0	0	229
AEROSPACE CORPORATION																
Patents By Year of Grant:	20	10	16	10	20	6	14	12	23	11	12	19	16	15	24	228
Patents By Year of Application:	44	16	17	17	26	11	15	20	8	22	5	16	7	3	1	228
AIRBUS FRANCE																
Patents By Year of Grant:	0	0	0	0	0	10	7	15	20	30	29	21	49	43	4	228
Patents By Year of Application:	0	0	0	7	22	39	30	37	34	42	14	3	0	0	0	228
COGNEX CORPORATION																
Patents By Year of Grant:	32	29	26	27	18	13	23	8	12	3	1	0	2	9	25	228
Patents By Year of Application:	118	16	34	11	3	13	10	0	7	10	5	1	0	0	0	228
NTT MOBILE COMMUNICATIONS NETWORK INC.																
Patents By Year of Grant:	90	32	33	18	11	14	10	7	1	3	5	2	0	0	1	227
Patents By Year of Application:	184	21	9	1	3	1	1	1	4	1	0	1	0	0	0	227
MINDSPEED TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	1	4	44	30	52	24	17	17	19	11	7	226
Patents By Year of Application:	1	11	39	37	39	18	23	26	12	8	2	7	2	1	0	226
AMERICAN MEGATRENDS, INC.																
Patents By Year of Grant:	0	0	0	0	0	2	4	7	15	22	20	27	43	51	34	225
Patents By Year of Application:	0	0	3	4	12	35	23	24	39	16	20	22	19	7	1	225
HITACHI KOKI COMPANY, LIMITED																
Patents By Year of Grant:	83	15	12	14	17	13	6	8	5	2	11	7	12	11	9	225
Patents By Year of Application:	105	11	22	16	9	10	5	8	13	11	7	5	3	0	0	225

---- Organizational Patenting

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

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS																
Patents By Year of Grant:	20	6	1	11	10	9	15	16	18	14	13	17	26	24	24	224
Patents By Year of Application:	30	6	8	17	29	40	15	24	23	19	9	0	2	2	0	224
KYOCERA WIRELESS CORP.																
Patents By Year of Grant:	0	0	0	0	1	1	22	31	47	43	36	34	9	0	0	224
Patents By Year of Application:	0	0	0	30	48	41	36	45	20	4	0	0	0	0	0	224
NAN YA TECHNOLOGY CORPORATION																
Patents By Year of Grant:	1	1	5	3	2	4	21	16	22	4	14	19	33	44	34	223
Patents By Year of Application:	6	2	4	2	13	33	15	8	11	28	41	42	10	8	0	223
SONY DEUTSCHLAND GMBH																
Patents By Year of Grant:	2	0	0	0	0	0	0	0	12	31	23	28	52	41	34	223
Patents By Year of Application:	2	0	15	17	26	16	28	42	22	24	18	6	5	2	0	223
Sandisk 3D LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	6	28	20	36	47	43	43	223
Patents By Year of Application:	0	0	0	4	4	10	16	16	38	53	21	36	15	10	0	223
ANRITSU CORPORATION																
Patents By Year of Grant:	39	6	10	6	11	19	22	17	11	10	15	16	9	13	16	220
Patents By Year of Application:	55	10	13	35	17	15	10	20	11	15	9	4	6	0	0	220
DOLBY LABORATORIES LICENSING CORPORATION																
Patents By Year of Grant:	31	7	3	5	3	3	8	6	4	9	18	17	19	24	63	220
Patents By Year of Application:	45	7	6	7	14	12	18	16	11	29	15	17	1	17	5	220
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	0	0	0	0	3	7	11	22	19	19	13	26	32	35	33	220
Patents By Year of Application:	0	0	6	10	27	32	22	24	28	38	20	10	1	2	0	220
NIDEC CORPORATION																
Patents By Year of Grant:	16	3	7	8	4	4	6	9	13	8	15	35	26	30	36	220
Patents By Year of Application:	24	9	6	2	3	12	12	25	25	36	26	13	17	8	2	220
Verizon Business Global LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	27	36	27	47	43	39	219
Patents By Year of Application:	1	3	5	13	33	18	46	51	17	9	9	9	4	1	0	219
VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES, INC.																
Patents By Year of Grant:	0	1	4	4	9	11	14	5	12	14	29	31	38	24	22	218
Patents By Year of Application:	9	8	11	12	13	3	11	26	39	35	22	15	12	2	0	218

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ALCATEL CANADA, INC.																
Patents By Year of Grant:	1	0	0	14	32	38	31	15	41	35	10	0	0	0	0	217
Patents By Year of Application:	44	61	23	36	48	2	1	1	1	0	0	0	0	0	0	217
CITIZEN ELECTRONICS CO., LTD.																
Patents By Year of Grant:	1	2	6	5	7	9	26	14	23	26	12	29	30	12	15	217
Patents By Year of Application:	6	8	5	15	29	26	24	20	28	21	19	12	4	0	0	217
QLOGIC CORPORATION																
Patents By Year of Grant:	4	0	4	4	5	2	2	5	6	12	40	38	39	34	22	217
Patents By Year of Application:	8	9	3	1	15	14	50	20	27	18	21	20	8	3	0	217
SanDisk Technologies Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	67	150	217
Patents By Year of Application:	0	0	0	0	1	0	2	9	14	24	30	56	44	33	4	217
AT& T Intellectual Property, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	39	171	3	2	1	0	216
Patents By Year of Application:	1	0	12	24	44	44	26	25	31	9	0	0	0	0	0	216
PARADYNE CORPORATION																
Patents By Year of Grant:	48	21	28	21	10	15	15	13	22	8	5	2	2	5	1	216
Patents By Year of Application:	125	24	24	14	4	9	5	6	3	0	0	1	1	0	0	216
AVANEX CORPORATION																
Patents By Year of Grant:	0	0	1	14	22	24	47	39	22	29	11	5	1	0	0	215
Patents By Year of Application:	4	15	30	33	61	38	19	11	2	2	0	0	0	0	0	215
Ericsson AB																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	4	21	26	22	52	47	43	215
Patents By Year of Application:	2	4	7	11	38	29	32	22	20	19	16	7	6	2	0	215
INVENSYS SYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	1	2	5	21	11	24	16	14	24	35	34	28	215
Patents By Year of Application:	5	12	8	21	20	12	18	20	26	28	16	9	15	5	0	215
Western Digital (Fremont), LLC																
Patents By Year of Grant:	0	0	0	0	0	2	41	26	23	20	15	14	12	17	45	215
Patents By Year of Application:	1	5	11	22	39	11	30	11	11	18	15	26	8	4	3	215
DONGBU ELECTRONICS CO., LTD.																
Patents By Year of Grant:	0	0	0	2	3	3	5	5	13	36	38	47	44	15	3	214
Patents By Year of Application:	0	0	5	2	4	16	40	49	51	10	18	18	1	0	0	214

ELECTRICAL CLASSES

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---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
JOHN FLUKE MFG. CO., INC.																
Patents By Year of Grant:	73	13	4	6	4	10	4	1	6	6	9	10	14	30	24	214
Patents By Year of Application:	95	7	7	6	3	5	8	3	15	20	22	15	7	1	0	214
NATIONAL CHIAO TUNG UNIVERSITY																
Patents By Year of Grant:	0	0	0	0	0	2	4	7	19	15	16	19	25	36	71	214
Patents By Year of Application:	0	0	0	1	8	9	17	23	28	20	44	34	25	4	1	214
RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK																
Patents By Year of Grant:	48	12	10	7	9	9	11	9	10	7	12	18	14	21	17	214
Patents By Year of Application:	74	11	13	18	13	16	5	9	15	17	9	8	3	3	0	214
MCDONNELL DOUGLAS CORP.																
Patents By Year of Grant:	129	33	22	19	6	0	3	0	1	0	0	0	0	0	0	213
Patents By Year of Application:	202	6	1	3	1	0	0	0	0	0	0	0	0	0	0	213
DALLAS SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	128	26	27	17	7	1	2	2	2	0	0	0	0	0	0	212
Patents By Year of Application:	186	10	8	6	1	1	0	0	0	0	0	0	0	0	0	212
TELECOM ITALIA S.P.A.																
Patents By Year of Grant:	0	0	1	1	1	0	4	1	7	6	17	18	29	54	72	211
Patents By Year of Application:	2	2	0	10	23	54	49	40	18	7	5	0	0	1	0	211
WESTERN ATLAS INTERNATIONAL, INC.																
Patents By Year of Grant:	142	28	34	5	0	1	0	0	1	0	0	0	0	0	0	211
Patents By Year of Application:	205	4	0	1	1	0	0	0	0	0	0	0	0	0	0	211
INSTITUT FRANCAIS DU PETROLE																
Patents By Year of Grant:	48	8	14	11	7	15	12	16	17	10	22	11	13	6	0	210
Patents By Year of Application:	75	12	13	17	19	20	16	16	14	5	3	0	0	0	0	210
SIEMENS COMMUNICATIONS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	26	69	42	28	35	9	0	0	209
Patents By Year of Application:	6	14	20	39	50	42	22	11	5	0	0	0	0	0	0	209
ASIA OPTICAL CO., INC.																
Patents By Year of Grant:	0	2	0	1	2	1	3	6	21	31	31	40	32	20	18	208
Patents By Year of Application:	2	0	1	3	4	2	29	36	32	44	25	19	9	2	0	208
BULL HN INFORMATION SYSTEMS INC.																
Patents By Year of Grant:	120	12	13	9	21	9	7	8	3	1	3	0	2	0	0	208
Patents By Year of Application:	157	18	14	6	5	3	3	2	0	0	0	0	0	0	0	208

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
CTS CORPORATION																
Patents By Year of Grant:	26	25	23	30	20	19	9	12	7	4	4	7	10	7	5	208
Patents By Year of Application:	80	24	20	19	15	9	8	3	9	6	6	5	4	0	0	208
NHK SPRING CO., LTD.																
Patents By Year of Grant:	26	2	6	9	4	13	15	15	16	7	9	8	19	15	44	208
Patents By Year of Application:	36	8	3	24	21	12	14	5	23	12	15	12	17	5	1	208
ABB TECHNOLOGY AG																
Patents By Year of Grant:	0	0	0	0	1	10	11	14	12	13	13	14	24	37	58	207
Patents By Year of Application:	0	2	6	15	15	7	15	22	18	31	26	18	18	11	3	207
SBC PROPERTIES, L.P.																
Patents By Year of Grant:	0	0	0	0	0	13	41	39	54	44	13	2	1	0	0	207
Patents By Year of Application:	7	9	18	22	57	46	24	19	2	3	0	0	0	0	0	207
Samsung Display Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	207	207
Patents By Year of Application:	0	0	0	0	0	1	0	2	9	13	37	75	42	21	7	207
ELECTRONICS FOR IMAGING, INC.																
Patents By Year of Grant:	10	5	9	25	15	10	10	12	15	21	15	18	22	12	7	206
Patents By Year of Application:	46	22	17	21	7	17	23	7	14	21	8	0	3	0	0	206
KABUSHIKI KAISHA KENWOOD																
Patents By Year of Grant:	50	11	5	6	6	14	19	9	11	11	9	8	21	4	22	206
Patents By Year of Application:	70	13	30	20	15	3	16	13	4	7	8	4	2	1	0	206
SYSTEM-GENERAL CORPORATION																
Patents By Year of Grant:	0	1	0	2	3	4	11	13	18	20	21	34	33	30	16	206
Patents By Year of Application:	1	1	3	3	6	17	21	35	46	33	21	15	4	0	0	206
MENTOR GRAPHICS CORPORATION																
Patents By Year of Grant:	19	6	13	11	5	2	0	7	9	6	4	7	26	39	51	205
Patents By Year of Application:	50	4	4	7	4	11	14	10	9	21	19	29	19	4	0	205
ACCENTURE GLOBAL SERVICES GMBH																
Patents By Year of Grant:	0	0	0	0	0	1	4	2	19	19	36	35	68	12	8	204
Patents By Year of Application:	2	5	1	29	41	31	23	22	25	13	7	3	2	0	0	204
CHI MEI OPTOELECTRONICS CORP.																
Patents By Year of Grant:	0	0	1	1	10	7	26	20	30	28	17	39	20	5	0	204
Patents By Year of Application:	0	4	9	14	41	37	18	39	21	14	7	0	0	0	0	204

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

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---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ACCENTURE LLP																
Patents By Year of Grant:	0	0	0	2	27	42	22	20	33	9	29	6	10	0	0	200
Patents By Year of Application:	4	100	57	14	9	3	4	4	0	4	1	0	0	0	0	200
Boston Scientific Neuromodulation Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	14	21	44	57	64	200
Patents By Year of Application:	0	0	0	0	1	7	9	51	31	29	20	35	11	4	2	200
CHAMBERLAIN GROUP, INC.																
Patents By Year of Grant:	11	4	12	9	9	5	21	15	25	20	16	15	11	10	17	200
Patents By Year of Application:	28	7	17	17	24	29	26	19	11	3	13	2	4	0	0	200
COMMVAULT SYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	0	1	2	2	0	5	6	19	24	44	42	55	200
Patents By Year of Application:	1	2	2	7	4	4	12	20	29	16	31	24	28	18	2	200
COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.																
Patents By Year of Grant:	0	0	0	4	156	39	0	0	1	0	0	0	0	0	0	200
Patents By Year of Application:	74	56	36	31	3	0	0	0	0	0	0	0	0	0	0	200
FAIRCHILD KOREA SEMICONDUCTOR, LTD.																
Patents By Year of Grant:	0	0	6	17	10	13	6	12	10	9	8	16	34	24	35	200
Patents By Year of Application:	3	18	15	10	13	15	12	11	14	28	27	23	11	0	0	200
NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY																
Patents By Year of Grant:	0	0	0	0	0	0	6	12	26	31	27	28	23	29	18	200
Patents By Year of Application:	0	0	3	6	27	40	40	35	27	9	7	4	2	0	0	200
VANGUARD INTERNATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	18	27	40	36	16	11	6	6	8	1	1	3	8	11	8	200
Patents By Year of Application:	84	29	30	13	3	4	4	2	3	4	5	14	4	1	0	200
VERIZON SERVICES CORP.																
Patents By Year of Grant:	0	0	0	0	10	13	19	13	20	14	13	18	35	23	22	200
Patents By Year of Application:	24	12	19	21	15	15	10	26	33	10	6	4	3	2	0	200
Other Organizations (68496)																
Patents By Year of Grant:	60946	14115	14642	15736	16863	17925	19379	17874	23109	20977	21447	22878	30008	32507	40658	369064
Patents By Year of Application:	97591	19119	22152	24900	25033	24194	24463	25121	26261	26169	22451	17015	9982	4035	578	369064