

TECHNOLOGY ASSESSMENT AND FORECAST REPORT

ELECTRICAL CLASSES

1/1994 – 12/2013



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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 **1994** and **December 2013** 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 2000**" column, correspond to selected patents in the data base which were granted during the period **1994 to 1999**.

Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since 1991. Data are presented by the year in which the patent was granted ("Patents By Year of Grant") and the year the patented application was filed ("Patents by Year of Application").

DATA FOR THOSE APPLICATIONS WHICH WERE FILED BUT NEVER ISSUED (ROUGHLY 35% OF TOTAL FILINGS) ARE NOT INCLUDED IN THIS REPORT.

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

Patented application data are of significant value since the date an application was filed more accurately reflects when the technology was developed. Additionally, fluctuations in data based on application date are much more likely to reflect changes in technological activity since, for the most part, such fluctuations would be immune from changes in U.S. Patent and Trademark Office (PTO) processing such as occurred in years such as in 1986 and 2005 when

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

"Patents Granted By Date of Patent Application", as shown in the "**Pre 2000**" column, correspond to utility patent grants in the report that were filed prior to **2000**.

Parts of the Report

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

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

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

Part B is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) that have received 200 or more U.S. utility patents since 1986. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by year in which the patented applications were filed. Information regarding patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

* For example, in a report profiling utility patents granted through December 2013, patent grant data, as distributed by year of application are approximately 96% complete for utility patent applications filed in 2004, 92% complete for applications filed in 2005, 84% complete for applications filed in 2006, 74% complete for applications filed in 2007, 59% complete for applications filed in 2008, 50% complete for applications filed in 2009, 39% complete for applications filed in 2010, and 24% complete for applications filed in 2011; data are essentially complete for applications filed prior to 2004.

CHEMICAL, ELECTRICAL, MECHANICAL CLASSES

DECEMBER 2013

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 2013
CHEMICAL, ELECTRICAL, MECHANICAL

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

*8/147-159 are mechanical

*29/2, 25.01-25.03, 623.1-623.5 are chemical

*84/600-746 are electrical

*118/47, 715-733 are chemical

*131/274-279 are chemical

*134/1-42 are chemical

*156/349-584 are mechanical

*204/157.2-157.22 are electrical

*209/127.1-131, 511, 524-528, 536, 563-590 are electrical

*210/348-540 are mechanical

*244/3.1-3.14 are electrical

*346/139R-145 are mechanical

*347/1-109 are mechanical

*352/143-197, 204-243 are mechanical

*359/503-553, 600-617, 838-883 are mechanical

*368/89-106, 124-154, 168-202, 206-216, 276-326 are mechanical

*378/167-209 are mechanical

*385/53-99 are mechanical

*396/341-372, 411-428, 439-543, 564-660 are mechanical

*434/1-10, 307R-321, 350-362 are electrical

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

*588/249-250, 252-260 are mechanical

*600/310-361, 372-397, 407-436, 473-480, 509-525, 544-548 are electrical

*604/20-21 are electrical

*607/2-76, 98-103, 115-156 are electrical

*726/35 is mechanical

*968/446-604, 783, 802, 820-830, 837-856, 876-977 are electrical

*977/720-723, 839, 849-881, 901, 932-960 are electrical

*977/724-733, 904-913, 919, 962 are mechanical

*984/300-398 are electrical

Part A1

Patent Grants as Distributed By Year of Patent Grant

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1994 - Dec 31, 2013) ----																
----- NUMBER OF PATENTS -----																
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
Total	242395	56382	60316	64052	67813	73113	67000	88404	80750	84385	91651	116743	120318	139072	153113	1505507
U.S. Origin	123161	29496	31387	32422	34225	36861	33862	44827	39661	40518	43948	55591	56124	63828	70763	736674
Foreign Origin	119234	26886	28929	31630	33588	36252	33138	43577	41089	43867	47703	61152	64194	75244	82350	768833
JAPAN	74255	15213	15979	17308	18227	19183	17129	22146	19816	20349	21951	26759	27804	31191	32069	379379
KOREA, SOUTH	7042	1937	1989	2004	2162	2563	2608	3796	4144	5179	5972	8009	8523	9448	10351	75727
GERMANY	8743	2274	2656	2897	3187	3342	3077	3683	3486	3560	3719	4980	4689	5391	6120	61804
TAIWAN	3423	1197	1362	1816	1959	2383	2293	3175	3410	3642	3975	5002	5457	6979	7153	53226
CANADA	3439	934	1007	1030	1087	1298	1139	1556	1537	1678	1853	2532	2645	3211	3805	28751
UNITED KINGDOM	4723	1093	1223	1290	1279	1405	1360	1646	1499	1486	1618	1979	2008	2463	2838	27910
FRANCE	5222	1055	1073	1196	1152	1199	1107	1396	1224	1325	1316	1873	1845	2253	2666	25902
ISRAEL	1379	375	461	508	633	617	578	782	732	772	932	1194	1330	1716	2063	14072
CHINA, PEOPLE'S REPUB	88	15	34	72	82	158	156	304	418	752	1002	1660	1995	3070	3959	13765
NETHERLANDS	2293	463	487	562	565	579	446	755	697	770	717	824	908	1011	1185	12262
SWEDEN	1705	547	595	633	556	490	462	548	417	422	453	649	842	1144	1279	10742
FINLAND	981	270	326	407	474	530	433	642	633	583	613	805	683	742	898	9020
ITALY	1428	363	426	433	435	396	363	464	397	431	434	512	596	705	891	8274
SWITZERLAND	1260	239	254	286	303	362	305	370	339	382	443	529	555	584	747	6958
INDIA	51	16	35	46	91	115	163	221	308	403	444	788	899	1235	1838	6653
AUSTRALIA	490	133	134	164	217	291	260	462	477	431	422	581	691	547	594	5894
SINGAPORE	241	89	110	172	198	250	184	234	230	252	260	340	367	494	459	3880
AUSTRIA	310	99	100	106	154	155	154	220	159	187	205	294	322	366	380	3211
BELGIUM	502	120	117	111	126	152	141	170	159	156	174	244	222	284	338	3016
CHINA, HONG KONG S.A.	224	66	80	76	93	132	126	137	137	132	139	192	216	268	286	2304
DENMARK	183	59	67	78	110	118	102	148	132	130	146	195	234	292	308	2302
IRELAND	146	43	68	66	81	103	73	103	98	102	107	143	167	203	242	1745
RUSSIAN FEDERATION	216	57	80	68	86	67	63	82	81	94	100	130	164	208	236	1732
SPAIN	132	40	39	45	42	59	66	84	82	111	117	123	162	245	288	1635
NORWAY	156	38	40	51	55	66	72	85	104	127	99	158	141	193	196	1581
MALAYSIA	33	16	14	18	19	31	48	73	108	108	113	139	101	124	118	1063
NEW ZEALAND	87	26	28	29	30	24	31	36	33	34	49	51	62	81	98	699
BRAZIL	43	8	14	17	17	20	15	18	20	24	35	47	49	55	69	451
HUNGARY	35	5	13	8	31	10	17	18	19	24	23	36	55	63	79	436
CZECH REPUBLIC	11	6	5	13	15	9	11	11	16	26	18	34	44	87	103	409
SOUTH AFRICA	91	17	19	20	16	20	18	21	12	23	17	23	25	31	38	391
MEXICO	27	11	11	13	20	26	29	22	19	12	14	32	24	39	21	320
SAUDI ARABIA	12	1	3	1	6	1	4	7	3	12	10	27	22	67	86	262
POLAND	8	1	3	3	2	6	9	12	14	22	19	17	20	41	42	219
GREECE	20	3	5	1	4	3	8	11	10	8	16	15	27	41	33	205
BULGARIA				1	1	1	2	3	3	14	36	54	40	18	22	195
Others (96)	235	57	72	81	73	88	86	136	116	104	142	182	260	354	452	2438
Ownership:																
U.S. Corporations	113988	27448	29389	30146	31789	34483	31911	42079	37248	38939	42281	53329	54449	62631	70245	700355
U.S. Government	2323	348	334	329	311	293	279	324	307	251	267	369	333	409	435	6912
U.S. Individuals	12624	2631	2526	2441	2436	2463	2175	2961	2503	2399	2508	3530	3058	3365	3799	51419
Foreign Corporations	108255	24889	26950	29887	32084	34748	31593	41766	39550	41811	45378	58027	61226	71108	76982	724254
Foreign Government	464	31	21	40	29	23	25	21	36	14	38	76	61	97	83	1059
Foreign Individuals	4741	1035	1096	1209	1164	1103	1017	1253	1106	971	1179	1412	1191	1462	1569	21508

Ownership:

Part A2

Patent Grants as Distributed By Year of Patent Application

----- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1994 - Dec 31, 2013) -----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
Total	410732	82857	90278	91811	93494	97834	102657	104820	105963	102265	85920	70928	44818	19565	1565	1505507
U.S. Origin	213793	43842	45982	46064	46197	47330	48640	48065	48981	45452	37373	31938	21228	10848	941	736674
Foreign Origin	196939	39015	44296	45747	47297	50504	54017	56755	56982	56813	48547	38990	23590	8717	624	768833
JAPAN	116941	20460	22836	21708	22384	23034	25608	25139	24755	24439	21371	16420	10292	3708	284	379379
KOREA, SOUTH	12378	2473	2844	3400	4393	5834	6407	7675	7728	7298	6360	5083	2888	895	71	75727
GERMANY	15185	3780	4240	5055	4489	4641	4533	4613	4505	4272	2939	2080	1068	380	24	61804
TAIWAN	6208	1627	2239	2936	3342	3891	4011	4530	4913	5384	5326	5048	2858	857	56	53226
CANADA	6551	1490	1565	1691	1789	1925	1967	2241	2169	2047	1772	1621	1161	723	39	28751
UNITED KINGDOM	8482	1751	2071	2113	1880	1753	1685	1651	1762	1734	1212	934	576	283	23	27910
FRANCE	8305	1616	1608	1779	1722	1533	1617	1718	1750	1607	1162	881	453	145	6	25902
ISRAEL	2819	786	921	924	812	820	1002	1128	1194	1151	994	721	510	258	32	14072
CHINA, PEOPLE'S REPUB	159	123	189	291	396	623	899	1488	1580	2066	2204	2067	1285	386	9	13765
NETHERLANDS	3646	624	821	893	951	1146	839	850	703	655	531	345	175	80	3	12262
SWEDEN	3509	774	715	603	577	581	638	774	795	702	467	284	213	102	8	10742
FINLAND	2170	788	908	736	693	724	625	589	490	498	333	233	151	75	7	9020
ITALY	2360	472	590	571	600	526	563	548	516	556	414	310	178	65	5	8274
SWITZERLAND	1960	372	453	480	445	417	438	502	458	519	360	293	176	84	1	6958
INDIA	155	118	165	264	401	417	519	629	792	979	766	786	459	190	13	6653
AUSTRALIA	1014	387	350	466	469	589	505	384	426	472	338	265	175	48	6	5894
SINGAPORE	570	216	277	284	271	308	324	346	339	303	228	246	119	48	1	3880
AUSTRIA	578	137	194	239	240	240	251	273	324	279	200	146	75	34	1	3211
BELGIUM	867	160	161	187	240	199	218	231	196	195	157	107	71	27		3016
CHINA, HONG KONG S.A.	384	101	164	142	160	156	138	180	200	206	203	161	82	26	1	2304
DENMARK	412	113	199	217	146	152	142	194	161	209	173	91	58	31	4	2302
IRELAND	309	119	108	136	99	114	143	108	147	149	124	90	50	44	5	1745
RUSSIAN FEDERATION	385	110	114	73	117	100	109	126	126	137	125	74	78	50	8	1732
SPAIN	237	62	95	95	114	103	146	145	165	136	121	124	73	18	1	1635
NORWAY	275	85	93	106	122	110	152	148	146	129	90	63	46	16		1581
MALAYSIA	72	23	30	38	92	127	127	120	128	114	80	58	42	11	1	1063
NEW ZEALAND	155	42	55	53	54	51	40	39	51	55	48	32	17	7		699
BRAZIL	71	16	22	28	40	40	33	27	46	40	34	30	20	4		451
HUNGARY	70	20	30	31	22	27	35	26	40	54	20	31	20	10		436
CZECH REPUBLIC	26	12	19	15	11	20	21	35	35	64	59	39	22	31		409
SOUTH AFRICA	139	25	32	24	18	25	21	27	25	18	13	18	5	1		391
MEXICO	65	23	34	23	27	15	21	27	18	26	16	16	7	2		320
SAUDI ARABIA	19	2	4	6	6	15	11	14	10	26	48	63	25	10	3	262
POLAND	15	6	10	17	17	16	23	19	17	28	21	12	14	3	1	219
GREECE	33	1	5	12	13	14	12	19	19	20	18	17	12	8	2	205
BULGARIA	1	1	1	4	15	67	39	20	11	14	8	6	4	4		195
Others (96)	414	100	134	107	130	151	155	172	242	232	212	195	132	53	9	2438

Ownership:

U.S. Corporations	198982	40738	43261	43877	43842	44707	46754	46240	47268	45540	36290	30896	20432	10644	884	700355
U.S. Government	3156	349	355	347	325	330	350	282	326	279	312	258	179	61	3	6912
U.S. Individuals	19034	3246	3024	2963	2942	2847	2867	2925	2895	2402	2195	2004	1382	635	58	51419
Foreign Corporations	181759	37104	42036	43052	44893	48670	51386	54029	54228	52958	46157	36997	22346	8042	597	724254
Foreign Government	539	35	32	35	41	45	44	46	69	68	52	37	12	4		1059
Foreign Individuals	7262	1385	1570	1537	1451	1235	1256	1298	1177	1018	914	736	467	179	23	21508

Ownership:

Part B

Ranked Listing of Organizations with PATENT GRANTS

As Distributed By Year of Patent Grant

and As Distributed By Year of Patent Application

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---- Organizational Patenting

(Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	9602	2249	2662	2621	2814	2774	2540	3204	2755	3654	4344	5184	5527	5854	6038	61822
Patents By Year of Application:	18257	3726	3477	3132	3485	3358	3380	3381	5070	7234	2823	2137	1179	1147	36	61822
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	3557	1029	1075	952	938	1171	1210	1814	2127	2769	2875	3730	4075	4356	3947	35625
Patents By Year of Application:	6465	1040	1212	1516	2236	2860	3134	3912	4085	3365	2529	1940	993	321	17	35625
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	6297	1257	1218	1201	1296	1249	1320	1858	1558	1638	1678	1919	2124	2474	3011	30098
Patents By Year of Application:	10668	1300	1492	1273	1577	1675	2097	1770	1856	1861	1816	1542	821	325	25	30098
SONY CORPORATION																
Patents By Year of Grant:	4724	1119	1141	1189	1078	1078	949	1534	1225	1307	1477	1845	2026	2762	2822	26276
Patents By Year of Application:	8473	1447	1611	1312	1358	1381	1971	1591	1673	1619	1601	1251	697	273	18	26276
TOSHIBA CORPORATION																
Patents By Year of Grant:	4771	960	864	870	965	1085	1073	1400	1274	1355	1401	1778	2008	1998	1996	23798
Patents By Year of Application:	7051	959	1141	1261	1278	1477	1394	1560	1659	1541	1615	1421	1063	350	28	23798
MICROSOFT CORPORATION																
Patents By Year of Grant:	1038	342	393	495	493	618	732	1451	1613	2011	2879	3039	2274	2561	2613	22552
Patents By Year of Application:	2827	1059	934	1117	1741	2912	3418	2162	1934	1663	1053	993	541	190	8	22552
FUJITSU LIMITED																
Patents By Year of Grant:	4633	957	1015	1037	1128	1125	1013	1339	1148	1303	1074	1187	1283	1427	1710	21379
Patents By Year of Application:	7765	1273	1446	1219	1063	1247	1479	1145	1036	1000	1196	889	491	121	9	21379
INTEL CORPORATION																
Patents By Year of Grant:	2523	700	717	947	1394	1378	1293	1671	1572	1514	1325	1439	1113	1182	1355	20123
Patents By Year of Application:	5425	1589	1605	1760	1861	1647	1420	1289	1030	738	672	547	370	168	2	20123
HITACHI, LTD																
Patents By Year of Grant:	4445	794	904	1181	1360	1142	959	1397	1130	1094	887	1216	1252	1265	962	19988
Patents By Year of Application:	6639	1218	1598	1439	1202	1390	1099	1125	1033	1246	805	614	421	150	9	19988
NEC CORPORATION																
Patents By Year of Grant:	6269	1576	1510	1439	1011	743	603	686	560	490	475	605	554	757	865	18143
Patents By Year of Application:	10531	1453	1168	749	574	530	607	558	577	598	471	180	82	61	4	18143
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	3772	794	1012	1148	1314	1432	1273	1791	1555	1183	32	8	5	2	1	15322
Patents By Year of Application:	6358	1522	1733	1529	1602	1320	755	393	104	3	1	2	0	0	0	15322

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---- Organizational Patenting (Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	4564	772	854	1043	963	610	487	478	377	394	413	553	471	565	586	13130
Patents By Year of Application:	6450	1007	1137	809	493	517	467	500	578	433	341	213	142	41	2	13130
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.																
Patents By Year of Grant:	0	0	0	0	882	1245	1328	1703	1168	1159	992	1156	1057	1170	1132	12992
Patents By Year of Application:	438	932	1780	1730	2027	1456	1245	777	811	631	562	395	169	39	0	12992
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	1183	659	833	946	946	1009	929	976	939	828	633	573	652	669	719	12494
Patents By Year of Application:	3028	958	1050	1125	914	1022	868	938	535	470	428	484	435	220	19	12494
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	2492	492	584	557	607	677	590	703	602	622	530	674	647	717	636	11130
Patents By Year of Application:	4007	658	771	777	753	565	615	542	558	552	463	430	303	116	20	11130
MOTOROLA, INC.																
Patents By Year of Grant:	5379	993	641	554	496	494	416	532	396	317	330	384	26	1	0	10959
Patents By Year of Application:	7248	803	560	628	530	391	337	303	131	25	3	0	0	0	0	10959
RICOH COMPANY, LTD.																
Patents By Year of Grant:	1466	306	263	233	287	420	359	565	615	678	825	982	974	1089	1116	10178
Patents By Year of Application:	2243	352	444	545	698	673	720	922	918	989	715	504	368	75	12	10178
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	2130	451	414	404	384	435	387	583	544	487	534	656	737	976	984	10106
Patents By Year of Application:	3226	552	545	485	642	628	661	733	692	671	594	406	208	58	5	10106
Panasonic Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	205	1432	1979	2087	2215	2131	10049
Patents By Year of Application:	5	11	26	83	242	650	1221	1489	1580	1500	1242	925	749	297	29	10049
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	1905	571	513	472	452	535	504	635	530	542	533	675	648	723	739	9977
Patents By Year of Application:	3352	663	723	717	630	649	598	608	567	564	477	274	129	26	0	9977
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	762	187	247	312	446	489	538	764	734	773	843	882	887	819	757	9440
Patents By Year of Application:	1469	421	577	630	738	934	888	792	741	738	596	492	330	87	7	9440
LG ELECTRONICS INC.																
Patents By Year of Grant:	398	171	186	234	294	320	312	523	431	561	791	1140	1118	1293	1625	9397
Patents By Year of Application:	1005	380	499	483	541	733	727	971	1038	916	924	705	311	143	21	9397

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---- Organizational Patenting (Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	1753	310	461	526	402	416	387	482	433	445	491	575	665	734	811	8891
Patents By Year of Application:	2768	609	460	411	505	501	567	553	574	581	514	525	271	48	4	8891
CISCO TECHNOLOGY, INC.																
Patents By Year of Grant:	61	103	158	216	330	424	438	642	572	698	902	1109	966	946	876	8441
Patents By Year of Application:	967	681	636	651	695	706	1016	913	722	531	392	281	183	66	1	8441
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	2589	1078	895	600	581	505	389	541	418	387	4	0	0	0	0	7987
Patents By Year of Application:	5593	778	399	379	457	230	107	33	11	0	0	0	0	0	0	7987
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
Patents By Year of Grant:	0	0	6	695	1111	1044	684	824	502	434	437	577	575	675	391	7955
Patents By Year of Application:	783	973	1525	1221	749	631	529	503	442	300	205	59	22	13	0	7955
BROADCOM CORPORATION																
Patents By Year of Grant:	4	6	42	74	166	296	408	655	524	634	709	954	1156	1152	1077	7857
Patents By Year of Application:	118	230	358	666	701	925	818	764	858	589	643	536	418	216	17	7857
XEROX CORPORATION																
Patents By Year of Grant:	2354	313	387	363	368	299	273	340	331	326	328	460	492	608	562	7804
Patents By Year of Application:	3492	451	318	333	320	287	524	391	363	472	409	286	134	24	0	7804
QUALCOMM, INC.																
Patents By Year of Grant:	309	98	171	195	178	282	200	398	276	286	353	654	916	1286	2090	7692
Patents By Year of Application:	869	226	421	431	399	441	587	824	741	857	842	662	275	114	3	7692
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL.)																
Patents By Year of Grant:	926	437	469	484	451	384	326	353	247	262	247	387	529	840	1146	7488
Patents By Year of Application:	2525	683	520	367	317	402	403	431	499	563	337	204	156	78	3	7488
SUN MICROSYSTEMS, INC.																
Patents By Year of Grant:	1336	449	421	481	539	658	625	765	602	505	550	196	3	1	2	7133
Patents By Year of Application:	2849	671	850	970	605	488	359	253	65	22	1	0	0	0	0	7133
INFINEON TECHNOLOGIES AG																
Patents By Year of Grant:	0	26	164	321	459	563	572	679	675	657	493	612	485	350	321	6377
Patents By Year of Application:	191	350	654	829	726	743	797	672	546	357	193	164	110	44	1	6377
Apple, Inc.																
Patents By Year of Grant:	923	84	94	72	74	90	82	104	109	178	274	534	634	1077	1677	6006
Patents By Year of Application:	1218	76	108	143	210	237	287	444	606	610	621	652	471	302	21	6006

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---- Organizational Patenting (Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
NOKIA CORPORATION																
Patents By Year of Grant:	0	0	5	41	201	348	323	586	662	596	638	744	573	594	597	5908
Patents By Year of Application:	231	404	729	777	720	710	569	550	387	358	236	143	70	22	2	5908
ADVANCED MICRO DEVICES, INC.																
Patents By Year of Grant:	1469	591	514	556	478	475	334	276	216	111	113	109	126	126	202	5696
Patents By Year of Application:	2864	657	525	464	267	197	145	104	114	87	96	117	42	15	2	5696
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	2054	332	249	209	234	325	313	393	268	175	174	196	148	196	179	5445
Patents By Year of Application:	2818	386	299	353	339	291	218	163	135	109	134	124	65	11	0	5445
DENSO CORPORATION																
Patents By Year of Grant:	172	152	191	230	239	303	267	367	377	346	418	481	382	492	474	4891
Patents By Year of Application:	558	214	300	317	334	355	470	478	502	471	319	305	222	44	2	4891
NIKON CORPORATION																
Patents By Year of Grant:	1880	220	220	194	251	199	165	132	122	148	143	201	274	319	366	4834
Patents By Year of Application:	2412	280	255	169	159	124	242	237	225	280	169	175	78	26	3	4834
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																
Patents By Year of Grant:	307	94	127	145	173	209	198	249	261	287	343	485	495	589	763	4725
Patents By Year of Application:	720	183	229	251	274	390	347	381	373	278	302	391	410	183	13	4725
FUJI XEROX CO., LTD.																
Patents By Year of Grant:	819	124	108	119	117	128	129	178	236	228	321	433	447	557	646	4590
Patents By Year of Application:	1176	169	160	141	277	218	327	451	349	358	427	353	157	24	3	4590
ROBERT BOSCH GMBH																
Patents By Year of Grant:	659	219	277	276	282	336	276	262	278	191	212	307	283	284	429	4571
Patents By Year of Application:	1250	353	379	553	402	262	299	239	255	254	174	99	41	10	1	4571
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	2439	590	584	640	220	0	5	8	3	0	0	9	24	5	0	4527
Patents By Year of Application:	3915	337	225	15	2	3	7	6	5	6	4	1	1	0	0	4527
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	629	144	182	219	226	261	237	373	319	320	321	361	320	293	215	4420
Patents By Year of Application:	1128	291	318	328	325	322	351	326	292	275	213	158	66	27	0	4420
AT&T CORP.																
Patents By Year of Grant:	1881	288	280	279	205	212	197	264	272	247	140	84	5	3	0	4357
Patents By Year of Application:	2864	267	301	217	139	148	242	94	58	24	3	0	0	0	0	4357

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---- Organizational Patenting (Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	2748	597	594	215	3	2	0	2	0	0	0	1	0	2	2	4166
Patents By Year of Application:	4016	133	14	0	0	0	0	0	1	0	2	0	0	0	0	4166
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	33	117	142	163	276	210	291	288	354	386	494	474	474	427	4129
Patents By Year of Application:	214	209	234	286	277	362	470	463	476	495	293	230	86	32	2	4129
NORTEL NETWORKS LIMITED																
Patents By Year of Grant:	88	376	455	400	429	489	372	314	268	270	245	180	178	15	0	4079
Patents By Year of Application:	1854	695	306	329	321	233	106	105	47	38	27	16	2	0	0	4079
HYNIX SEMICONDUCTOR INC.																
Patents By Year of Grant:	0	0	3	44	121	160	190	286	274	294	394	686	692	467	369	3980
Patents By Year of Application:	17	26	129	207	222	313	306	402	559	678	513	364	205	39	0	3980
GOOGLE, INC.																
Patents By Year of Grant:	0	0	0	0	4	3	7	16	32	58	140	275	423	1139	1831	3928
Patents By Year of Application:	2	17	12	15	134	206	208	232	334	333	390	473	990	552	30	3928
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE																
Patents By Year of Grant:	266	94	56	76	81	63	91	153	181	229	279	433	451	579	811	3843
Patents By Year of Application:	486	71	93	172	232	284	331	381	415	432	425	361	114	40	6	3843
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	430	80	86	55	52	72	63	102	128	210	265	411	515	649	708	3826
Patents By Year of Application:	671	57	52	75	155	181	244	437	385	474	440	342	233	74	6	3826
AT& T Intellectual Property I, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	139	417	472	716	875	1090	3709
Patents By Year of Application:	7	14	40	83	187	192	361	408	533	651	581	243	161	215	33	3709
RESEARCH IN MOTION LIMITED																
Patents By Year of Grant:	16	7	8	15	12	14	24	80	125	198	303	471	652	974	800	3699
Patents By Year of Application:	35	17	42	66	93	338	359	431	385	346	497	513	360	214	3	3699
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	450	208	223	261	300	327	213	196	118	147	163	224	274	264	227	3595
Patents By Year of Application:	1089	293	379	264	257	144	144	163	183	175	218	122	109	54	1	3595
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	1030	219	252	282	363	435	355	453	146	5	6	0	0	0	0	3546
Patents By Year of Application:	1799	464	463	312	258	163	75	12	0	0	0	0	0	0	0	3546

---- Organizational Patenting (Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	169	60	89	113	127	128	183	248	269	220	211	274	228	421	626	3366
Patents By Year of Application:	322	94	129	201	243	367	285	282	287	178	151	455	243	122	7	3366
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	518	125	148	149	120	158	166	185	184	175	179	255	291	329	363	3345
Patents By Year of Application:	794	195	150	220	236	222	255	213	214	291	243	217	79	15	1	3345
MURATA MANUFACTURING CO., LTD.																
Patents By Year of Grant:	653	213	229	312	305	253	169	124	79	124	130	143	148	221	232	3335
Patents By Year of Application:	1131	330	287	253	208	137	71	55	128	153	197	152	156	67	10	3335
BOEING COMPANY																
Patents By Year of Grant:	206	35	53	70	101	167	169	245	211	219	283	333	348	347	412	3199
Patents By Year of Application:	315	78	184	242	296	248	295	355	309	337	248	180	87	25	0	3199
Fujifilm Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	333	428	493	565	492	488	387	3186
Patents By Year of Application:	7	37	74	112	193	253	437	499	383	415	349	252	136	32	7	3186
HON HAI PRECISION IND. CO., LTD.																
Patents By Year of Grant:	14	30	46	76	93	157	77	152	125	203	292	365	397	555	592	3174
Patents By Year of Application:	91	54	110	168	117	190	135	338	300	349	396	600	278	44	4	3174
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																
Patents By Year of Grant:	456	100	81	105	96	101	78	150	139	188	267	300	323	396	341	3121
Patents By Year of Application:	687	107	114	119	142	174	209	276	299	317	330	228	91	27	1	3121
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	940	178	139	178	158	159	140	143	156	108	109	137	145	184	231	3105
Patents By Year of Application:	1350	157	171	162	164	144	134	107	149	134	156	156	95	25	1	3105
AGILENT TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	82	240	236	303	538	456	376	219	207	128	95	76	68	57	3081
Patents By Year of Application:	479	291	380	545	458	282	240	171	79	55	49	27	20	4	1	3081
RENESAS TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	0	0	0	11	707	482	484	407	413	273	280	8	0	1	3066
Patents By Year of Application:	40	77	218	572	593	379	388	350	282	129	36	0	1	1	0	3066
SAP AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	2	7	7	2	8	19	52	149	244	380	647	476	506	551	3050
Patents By Year of Application:	16	3	19	178	341	581	494	428	316	226	151	188	73	35	1	3050

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
NATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	878	144	136	159	187	179	193	223	186	157	168	155	136	72	72	3045
Patents By Year of Application:	1201	177	200	225	233	243	211	129	176	102	44	60	39	4	1	3045
XILINX, INC.																
Patents By Year of Grant:	325	114	122	140	130	129	168	255	229	239	257	256	201	226	200	2991
Patents By Year of Application:	561	181	144	198	262	297	288	215	198	222	190	155	57	22	1	2991
MARVELL INTERNATIONAL LTD.																
Patents By Year of Grant:	0	0	5	21	17	27	51	107	160	178	241	379	500	581	630	2897
Patents By Year of Application:	4	51	21	90	123	193	181	235	400	456	325	317	242	238	21	2897
OKI ELECTRIC INDUSTRY CO., LTD.																
Patents By Year of Grant:	560	190	241	251	217	210	235	249	213	174	78	59	60	83	55	2875
Patents By Year of Application:	1098	259	230	282	273	211	170	118	70	52	58	47	5	2	0	2875
LSI LOGIC CORPORATION																
Patents By Year of Grant:	702	239	235	236	294	310	280	342	92	98	26	7	1	1	1	2864
Patents By Year of Application:	1363	214	416	372	269	125	73	18	8	5	1	0	0	0	0	2864
EMC CORPORATION																
Patents By Year of Grant:	173	74	83	91	130	123	127	155	161	183	245	305	278	318	373	2819
Patents By Year of Application:	470	173	189	161	149	247	217	385	307	148	99	139	98	37	0	2819
LG Display Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	214	482	594	511	523	487	2811
Patents By Year of Application:	3	9	27	31	59	253	454	636	333	327	299	217	118	40	5	2811
THOMSON LICENSING S.A.																
Patents By Year of Grant:	0	43	86	132	172	176	140	246	214	192	185	265	264	323	363	2801
Patents By Year of Application:	386	265	288	315	324	287	220	216	179	134	93	62	13	16	3	2801
ORACLE INTERNATIONAL CORPORATION																
Patents By Year of Grant:	0	0	0	2	36	93	93	174	168	201	203	371	438	462	520	2761
Patents By Year of Application:	44	114	207	246	270	268	258	226	314	264	206	169	127	48	0	2761
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	306	85	82	74	57	61	68	90	86	102	134	238	349	448	523	2703
Patents By Year of Application:	487	74	83	66	109	134	163	286	352	409	332	122	59	27	0	2703
ALTERA CORPORATION																
Patents By Year of Grant:	207	95	111	84	62	83	109	193	257	251	217	236	220	243	275	2643
Patents By Year of Application:	422	77	100	151	218	283	266	241	203	200	152	165	111	50	4	2643

---- Organizational Patenting (Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
FREESCALE SEMICONDUCTOR, INC.																
Patents By Year of Grant:	0	0	0	0	0	91	172	210	218	228	252	350	372	361	379	2633
Patents By Year of Application:	8	42	71	170	214	187	346	358	322	337	246	158	116	57	1	2633
TDK CORPORATION																
Patents By Year of Grant:	181	80	120	137	129	114	97	201	229	224	229	243	252	224	158	2618
Patents By Year of Application:	432	139	157	107	155	273	244	257	268	189	157	139	71	29	1	2618
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	1035	247	221	182	172	191	140	164	109	48	38	32	21	8	3	2611
Patents By Year of Application:	1735	287	244	164	116	18	11	9	12	7	1	6	1	0	0	2611
MEDTRONIC INC.																
Patents By Year of Grant:	410	116	95	94	86	99	97	161	163	87	141	239	228	275	314	2605
Patents By Year of Application:	647	132	175	151	240	155	185	224	182	105	164	130	88	23	4	2605
Renesas Electronics Corp.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	116	811	872	722	2521
Patents By Year of Application:	0	0	0	2	3	6	27	96	203	400	543	594	400	235	12	2521
RAYTHEON COMPANY																
Patents By Year of Grant:	351	145	144	115	137	149	106	166	93	97	126	140	194	260	279	2502
Patents By Year of Application:	685	124	146	166	150	147	140	114	159	158	235	182	77	19	0	2502
ROHM CO., LTD.																
Patents By Year of Grant:	597	94	108	125	110	117	102	140	122	136	107	143	195	156	166	2418
Patents By Year of Application:	838	141	123	119	139	170	182	159	115	184	91	75	60	20	2	2418
DELL PRODUCTS, L.P.																
Patents By Year of Grant:	402	80	118	96	121	116	119	106	119	147	177	170	208	228	201	2408
Patents By Year of Application:	714	120	139	100	155	127	154	184	190	219	137	75	59	32	3	2408
YAMAHA CORPORATION																
Patents By Year of Grant:	706	80	77	91	77	83	110	135	139	161	159	143	160	159	117	2397
Patents By Year of Application:	915	117	135	143	176	144	180	141	130	130	71	76	36	3	0	2397
LOCKHEED MARTIN CORPORATION																
Patents By Year of Grant:	191	102	89	103	111	121	137	164	167	152	151	201	208	230	224	2351
Patents By Year of Application:	449	105	178	177	200	172	156	175	161	206	170	129	51	22	0	2351
Hong Fu Jin Precision Industry (Shenzhen) Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	20	80	163	214	320	321	537	587	2242
Patents By Year of Application:	0	0	0	5	4	79	122	245	235	293	444	442	336	37	0	2242

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.																
Patents By Year of Grant:	0	0	0	0	39	102	143	222	236	244	288	251	238	265	210	2238
Patents By Year of Application:	13	32	99	116	212	293	353	293	278	198	171	102	47	31	0	2238
ALCATEL																
Patents By Year of Grant:	41	189	252	230	227	266	195	234	149	149	126	85	23	0	0	2166
Patents By Year of Application:	787	311	284	247	189	186	103	54	3	1	1	0	0	0	0	2166
Alcatel Lucent																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	39	97	147	225	388	611	623	2130
Patents By Year of Application:	3	10	16	78	138	172	210	310	337	293	302	144	92	23	2	2130
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	1042	222	200	205	170	91	66	48	22	13	13	6	4	2	2	2106
Patents By Year of Application:	1545	215	158	91	47	15	13	9	5	2	0	4	2	0	0	2106
CARDIAC PACEMAKERS, INC.																
Patents By Year of Grant:	97	52	58	84	86	70	96	126	140	125	150	193	263	254	300	2094
Patents By Year of Application:	242	121	129	136	173	187	211	172	136	123	138	148	120	53	5	2094
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	55	125	179	211	175	133	144	139	137	121	88	125	141	125	174	2072
Patents By Year of Application:	377	215	225	169	188	141	149	121	108	123	84	102	50	20	0	2072
AU OPTRONICS CORP.																
Patents By Year of Grant:	0	0	0	7	29	58	79	137	147	138	192	287	292	341	347	2054
Patents By Year of Application:	1	11	36	39	160	205	194	237	242	243	263	222	142	57	2	2054
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	316	132	190	164	197	199	173	153	143	118	75	42	52	37	40	2031
Patents By Year of Application:	665	217	230	169	188	152	142	73	63	46	31	29	19	7	0	2031
NTT DOCOMO, INC.																
Patents By Year of Grant:	0	1	0	4	6	18	65	134	143	152	201	277	268	348	388	2005
Patents By Year of Application:	13	37	112	173	183	170	190	276	223	236	234	93	51	14	0	2005
HUAWEI TECHNOLOGIES CO., LTD.																
Patents By Year of Grant:	0	0	0	1	1	5	9	19	21	48	81	248	355	528	682	1998
Patents By Year of Application:	0	1	10	38	62	41	73	180	223	270	353	308	293	143	3	1998
SPRINT COMMUNICATIONS COMPANY L.P.																
Patents By Year of Grant:	36	22	29	42	54	84	69	106	111	115	125	202	237	396	365	1993
Patents By Year of Application:	164	91	81	133	155	149	156	166	182	204	220	151	91	48	2	1993

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
Agere Systems LLC																
Patents By Year of Grant:	0	0	10	35	247	223	144	211	171	163	189	221	152	127	73	1966
Patents By Year of Application:	259	211	231	151	156	189	192	205	148	121	58	17	18	10	0	1966
PIONEER CORPORATION																
Patents By Year of Grant:	0	3	40	118	189	224	201	248	209	150	135	135	157	105	36	1950
Patents By Year of Application:	112	217	285	311	255	184	239	174	132	18	12	4	5	2	0	1950
OLYMPUS CORPORATION																
Patents By Year of Grant:	0	0	0	0	3	129	106	172	185	218	209	206	215	277	226	1946
Patents By Year of Application:	28	38	31	128	176	255	266	211	193	189	167	150	89	25	0	1946
CYPRESS SEMICONDUCTOR CORP.																
Patents By Year of Grant:	282	100	92	108	158	140	117	146	103	95	59	131	126	135	148	1940
Patents By Year of Application:	536	173	241	197	23	146	93	143	124	93	37	40	59	30	5	1940
NEC ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	188	204	164	179	222	233	332	411	7	0	0	1940
Patents By Year of Application:	49	112	162	184	209	188	347	312	213	135	27	2	0	0	0	1940
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	457	87	79	100	112	121	128	144	96	76	92	98	108	103	134	1935
Patents By Year of Application:	698	116	167	131	138	110	115	122	90	81	70	50	30	15	2	1935
GM Global Technology Operations LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	6	48	91	142	241	315	508	579	1930
Patents By Year of Application:	0	1	0	0	3	13	158	158	286	431	391	327	137	25	0	1930
NVIDIA CORPORATION																
Patents By Year of Grant:	26	6	14	15	25	42	50	101	108	174	267	228	258	265	289	1868
Patents By Year of Application:	66	34	52	95	171	206	258	322	319	149	107	37	33	18	1	1868
ANALOG DEVICES, INC.																
Patents By Year of Grant:	337	50	60	57	105	109	113	124	136	107	78	135	117	146	178	1852
Patents By Year of Application:	469	77	102	167	109	151	117	107	102	116	128	92	85	24	6	1852
ADOBE SYSTEMS, INC.																
Patents By Year of Grant:	72	31	41	27	28	42	40	56	56	86	145	227	291	332	345	1819
Patents By Year of Application:	226	58	56	60	79	86	175	218	240	243	159	100	88	31	0	1819
ERICSSON, INC.																
Patents By Year of Grant:	576	300	256	247	178	109	59	46	24	8	2	1	1	2	0	1809
Patents By Year of Application:	1497	159	104	33	8	5	0	1	1	1	0	0	0	0	0	1809

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---- Organizational Patenting (Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
HARRIS CORP.																
Patents By Year of Grant:	477	58	82	76	70	85	118	85	80	80	96	102	113	114	120	1756
Patents By Year of Application:	642	85	84	119	148	79	80	136	130	97	75	46	23	10	2	1756
SUMITOMO ELECTRIC INDUSTRIES, LTD.																
Patents By Year of Grant:	423	55	52	93	102	102	109	103	87	87	88	84	104	110	149	1748
Patents By Year of Application:	543	106	112	118	150	105	101	94	77	70	83	99	69	20	1	1748
SAMSUNG ELECTRO-MECHANICS CO., LTD.																
Patents By Year of Grant:	73	14	23	26	58	56	62	97	119	135	167	168	199	265	273	1735
Patents By Year of Application:	115	17	61	71	92	123	123	180	165	235	218	167	123	44	1	1735
NCR CORPORATION																
Patents By Year of Grant:	489	106	107	138	136	112	75	105	95	71	66	44	41	59	72	1716
Patents By Year of Application:	904	174	150	119	44	51	71	47	41	45	30	21	15	3	1	1716
SAMSUNG SDI CO., LTD.																
Patents By Year of Grant:	0	0	13	68	70	100	69	102	230	339	285	190	91	89	65	1711
Patents By Year of Application:	23	90	84	102	136	336	379	228	137	80	50	55	9	2	0	1711
ASML NETHERLANDS B.V.																
Patents By Year of Grant:	7	7	6	30	33	62	82	203	195	246	180	182	143	149	184	1709
Patents By Year of Application:	32	35	37	60	153	420	224	234	120	122	134	94	28	15	1	1709
NXP B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	4	169	177	247	205	272	273	330	1677
Patents By Year of Application:	2	6	30	83	223	287	219	212	151	159	146	86	56	17	0	1677
LG. PHILIPS LCD CO., LTD.																
Patents By Year of Grant:	0	7	45	106	166	238	264	302	333	189	0	1	0	0	1	1652
Patents By Year of Application:	124	196	273	296	326	309	94	27	7	0	0	0	0	0	0	1652
STMICROELECTRONICS S.A.																
Patents By Year of Grant:	22	67	86	116	123	128	123	146	140	129	137	158	119	79	73	1646
Patents By Year of Application:	243	170	119	184	172	157	137	155	126	77	38	38	25	5	0	1646
COMPAQ COMPUTER CORPORATION, INC.																
Patents By Year of Grant:	809	302	347	155	23	0	0	0	0	0	0	0	0	0	0	1636
Patents By Year of Application:	1577	48	10	1	0	0	0	0	0	0	0	0	0	0	0	1636
INTERDIGITAL TECHNOLOGY CORPORATION																
Patents By Year of Grant:	85	17	27	40	54	103	106	181	137	135	158	140	146	149	124	1602
Patents By Year of Application:	143	39	92	246	166	192	192	133	123	117	65	28	39	25	2	1602

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	192	63	48	54	79	78	79	93	76	81	115	145	138	152	186	1579
Patents By Year of Application:	334	72	79	121	108	80	94	132	171	134	144	90	15	5	0	1579
CASIO COMPUTER CO. LTD.																
Patents By Year of Grant:	365	72	61	48	31	33	26	43	57	79	143	136	124	167	191	1576
Patents By Year of Application:	542	53	31	33	61	91	104	109	119	92	132	109	84	13	3	1576
AVAYA INC.																
Patents By Year of Grant:	0	3	103	89	81	71	42	70	68	74	79	199	233	228	230	1570
Patents By Year of Application:	270	111	43	100	109	141	163	164	130	126	95	84	27	7	0	1570
KONICA MINOLTA BUSINESS TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	4	61	63	78	130	218	246	376	385	1561
Patents By Year of Application:	0	1	0	0	17	218	151	179	210	229	244	210	95	6	1	1561
MEDIATEK INC.																
Patents By Year of Grant:	1	3	3	1	5	24	31	106	126	164	156	228	239	263	211	1561
Patents By Year of Application:	12	3	16	65	109	142	160	199	189	254	191	114	79	24	4	1561
Oracle America, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	438	456	410	254	1558
Patents By Year of Application:	4	10	13	27	48	128	180	275	254	280	234	54	38	13	0	1558
EATON CORPORATION																
Patents By Year of Grant:	518	97	86	88	69	70	64	74	62	76	89	59	58	64	82	1556
Patents By Year of Application:	688	103	69	68	82	86	81	78	89	61	51	58	35	6	1	1556
UNISYS CORPORATION																
Patents By Year of Grant:	591	83	88	106	84	109	82	102	77	87	51	38	23	18	13	1552
Patents By Year of Application:	959	114	90	106	116	61	39	24	10	16	11	3	3	0	0	1552
JUNIPER NETWORKS, INC.																
Patents By Year of Grant:	2	0	1	6	12	13	44	86	82	80	136	220	278	284	293	1537
Patents By Year of Application:	25	37	107	123	61	69	106	128	146	157	217	240	84	34	3	1537
ADVANTEST CORP.																
Patents By Year of Grant:	226	60	90	108	81	67	50	76	90	106	111	134	118	107	108	1532
Patents By Year of Application:	450	83	84	55	75	94	113	113	128	117	115	68	30	7	0	1532
DELPHI TECHNOLOGIES, INC.																
Patents By Year of Grant:	2	19	88	174	172	158	127	143	131	116	129	106	61	48	56	1530
Patents By Year of Application:	120	185	187	178	165	146	182	110	102	67	32	27	24	4	1	1530

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---- Organizational Patenting (Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
NOKIA MOBILE PHONES LTD.																
Patents By Year of Grant:	418	160	178	193	192	161	103	93	16	5	5	3	0	0	2	1529
Patents By Year of Application:	1037	278	171	19	8	9	5	0	0	1	0	1	0	0	0	1529
LSI CORPORATION																
Patents By Year of Grant:	1	0	0	0	1	0	0	1	131	129	155	197	216	302	395	1528
Patents By Year of Application:	3	1	6	35	86	134	206	101	97	256	215	206	133	46	3	1528
SILVERBROOK RESEARCH PTY. LTD																
Patents By Year of Grant:	0	3	10	15	26	68	70	165	185	164	149	231	305	102	22	1515
Patents By Year of Application:	52	134	7	101	120	224	184	72	105	227	120	118	46	5	0	1515
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	968	179	163	184	6	4	0	0	0	0	0	0	0	0	0	1504
Patents By Year of Application:	1320	134	49	1	0	0	0	0	0	0	0	0	0	0	0	1504
YAHOO, INC.																
Patents By Year of Grant:	2	0	2	5	8	4	13	30	28	67	125	290	330	267	308	1479
Patents By Year of Application:	21	19	31	21	55	89	154	243	315	229	103	111	51	34	3	1479
AT& T Intellectual Property II, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	37	160	282	429	301	268	1477
Patents By Year of Application:	3	5	19	36	42	82	321	166	191	204	202	73	65	61	7	1477
VIA TECHNOLOGIES, INC.																
Patents By Year of Grant:	2	15	18	42	48	104	117	179	182	161	177	143	114	78	97	1477
Patents By Year of Application:	64	43	72	176	169	204	164	229	140	66	66	56	18	10	0	1477
SYMBOL TECHNOLOGIES, INC.																
Patents By Year of Grant:	283	47	38	38	59	79	57	118	118	107	98	97	101	100	101	1441
Patents By Year of Application:	400	86	91	87	104	114	118	105	113	112	48	39	20	4	0	1441
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	342	54	53	73	74	61	66	68	74	68	73	94	79	101	140	1420
Patents By Year of Application:	511	78	76	92	90	62	76	95	73	60	90	62	38	16	1	1420
FUNAI ELECTRIC CO., LTD.																
Patents By Year of Grant:	52	20	31	29	28	50	51	94	102	116	200	203	183	143	100	1402
Patents By Year of Application:	130	33	54	72	80	132	199	203	191	158	61	60	9	20	0	1402
SYMANTEC CORPORATION																
Patents By Year of Grant:	33	10	5	6	9	6	12	19	34	63	114	165	199	322	404	1401
Patents By Year of Application:	64	26	14	28	69	99	140	98	179	224	214	156	65	24	1	1401

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	249	72	78	87	71	83	93	113	70	72	85	101	71	62	81	1388
Patents By Year of Application:	389	77	98	112	120	124	141	74	107	68	31	25	15	5	2	1388
HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.																
Patents By Year of Grant:	470	199	323	188	93	72	14	9	2	1	0	0	0	0	0	1371
Patents By Year of Application:	1042	230	68	20	4	3	2	2	0	0	0	0	0	0	0	1371
SEIKO INSTRUMENTS INC.																
Patents By Year of Grant:	232	73	108	108	110	95	43	49	50	44	73	77	90	109	103	1364
Patents By Year of Application:	455	113	105	71	58	43	60	67	78	80	77	92	52	13	0	1364
KYOCERA CORPORATION																
Patents By Year of Grant:	84	33	28	33	40	28	30	32	50	50	77	106	158	268	327	1344
Patents By Year of Application:	160	36	33	36	54	96	147	169	183	178	145	60	28	19	0	1344
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	19	59	50	66	96	97	87	124	113	115	81	105	109	91	124	1336
Patents By Year of Application:	171	85	121	116	132	112	107	153	90	87	72	55	19	12	4	1336
PACESETTER, INC.																
Patents By Year of Grant:	225	29	45	70	66	75	71	90	105	65	69	119	89	116	94	1328
Patents By Year of Application:	321	60	134	116	79	100	100	108	112	52	54	45	31	16	0	1328
3COM CORPORATION																
Patents By Year of Grant:	176	129	194	158	190	181	87	83	33	34	31	22	0	0	0	1318
Patents By Year of Application:	812	235	129	63	40	21	10	6	1	1	0	0	0	0	0	1318
MACRONIX INTERNATIONAL CO., LTD.																
Patents By Year of Grant:	66	28	25	43	76	68	57	73	92	104	110	145	157	146	125	1315
Patents By Year of Application:	125	14	71	103	70	90	113	148	161	116	105	110	67	20	2	1315
YAZAKI CORP.																
Patents By Year of Grant:	292	70	97	106	126	90	67	63	61	60	58	54	43	56	69	1312
Patents By Year of Application:	460	128	105	111	83	78	70	52	58	66	46	39	13	1	2	1312
NORTHROP GRUMMAN CORPORATION																
Patents By Year of Grant:	363	69	41	55	107	133	112	128	98	85	73	28	4	0	2	1298
Patents By Year of Application:	525	118	119	100	148	94	106	68	13	3	3	1	0	0	0	1298
VICTOR COMPANY OF JAPAN, LIMITED																
Patents By Year of Grant:	352	74	55	54	61	79	69	84	78	89	81	77	67	55	10	1285
Patents By Year of Application:	535	62	102	53	89	84	66	73	83	63	52	16	7	0	0	1285

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
SHARP LABORATORIES OF AMERICA, INC.																
Patents By Year of Grant:	17	21	36	46	59	54	72	111	117	106	77	117	166	157	119	1275
Patents By Year of Application:	169	75	102	86	129	144	133	103	132	89	44	40	23	6	0	1275
FUJINON CORPORATION (FORMERLY FUJI PHOTO OPTICAL CO. LTD.)																
Patents By Year of Grant:	276	92	77	80	90	94	64	74	68	66	93	93	71	16	5	1259
Patents By Year of Application:	444	94	76	100	87	74	72	92	85	70	57	7	1	0	0	1259
Samsung Display Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	207	1047	1254
Patents By Year of Application:	0	0	1	0	4	3	23	38	65	125	257	329	316	89	4	1254
APPLIED MATERIALS, INC.																
Patents By Year of Grant:	161	52	63	106	116	77	79	88	61	71	67	83	64	77	60	1225
Patents By Year of Application:	356	110	96	102	65	78	76	72	90	68	38	40	30	4	0	1225
UNITED MICROELECTRONICS CORPORATION																
Patents By Year of Grant:	335	76	91	75	62	27	40	44	50	53	52	76	64	61	106	1212
Patents By Year of Application:	502	70	64	44	35	65	62	47	75	86	48	39	49	26	0	1212
CADENCE DESIGN SYSTEMS, INC.																
Patents By Year of Grant:	51	11	11	21	41	55	94	117	57	68	91	127	130	154	177	1205
Patents By Year of Application:	92	62	62	178	84	56	74	123	129	121	82	64	53	25	0	1205
CORNING INCORPORATED																
Patents By Year of Grant:	143	31	82	134	129	117	58	71	57	43	53	67	62	66	75	1188
Patents By Year of Application:	292	124	132	124	71	54	52	44	67	63	83	50	27	4	1	1188
CIRRUS LOGIC, INC.																
Patents By Year of Grant:	427	100	81	84	83	44	45	40	62	42	33	44	24	24	31	1164
Patents By Year of Application:	693	68	53	42	40	43	52	54	40	33	25	8	8	5	0	1164
Amazon Technologies, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	4	5	14	45	116	178	283	516	1161
Patents By Year of Application:	0	2	4	6	17	36	60	125	118	143	145	268	163	73	1	1161
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	128	35	38	46	38	58	63	89	73	72	108	122	113	91	69	1143
Patents By Year of Application:	203	55	63	73	100	83	69	116	139	118	60	37	21	5	1	1143
NIPPON TELEGRAPH & TELEPHONE CORP.																
Patents By Year of Grant:	302	52	70	45	53	58	45	72	60	51	59	64	58	51	90	1130
Patents By Year of Application:	484	71	55	79	67	98	68	44	48	46	33	24	6	7	0	1130

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---- Organizational Patenting (Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
PIONEER ELECTRONIC CORPORATION																
Patents By Year of Grant:	723	122	111	63	33	26	11	8	5	7	3	3	0	0	0	1115
Patents By Year of Application:	1051	16	16	15	8	7	1	1	0	0	0	0	0	0	0	1115
SANDISK CORPORATION																
Patents By Year of Grant:	41	17	25	20	34	35	61	77	124	201	214	148	104	4	9	1114
Patents By Year of Application:	91	25	48	63	69	90	165	252	165	78	44	14	6	4	0	1114
HITACHI DISPLAYS, LTD.																
Patents By Year of Grant:	0	0	0	0	0	2	13	47	61	84	93	167	219	234	188	1108
Patents By Year of Application:	0	0	1	2	62	91	90	121	163	190	157	104	85	38	4	1108
ELPIDA MEMORY, INC.																
Patents By Year of Grant:	0	0	0	0	1	19	45	39	74	82	107	194	160	165	221	1107
Patents By Year of Application:	1	2	4	28	48	55	63	134	147	165	152	158	99	45	6	1107
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	436	61	61	46	36	34	37	61	47	35	43	51	37	61	50	1096
Patents By Year of Application:	572	55	34	40	41	65	65	36	39	32	40	36	26	13	2	1096
Alcatel-Lucent USA Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	27	401	437	216	4	0	1085
Patents By Year of Application:	4	15	20	41	139	200	241	223	120	50	23	9	0	0	0	1085
RAMBUS, INC.																
Patents By Year of Grant:	64	34	28	41	55	63	58	100	85	68	79	70	83	128	129	1085
Patents By Year of Application:	142	66	71	56	82	112	105	61	65	89	81	65	52	36	2	1085
DIGITAL EQUIPMENT CORPORATION																
Patents By Year of Grant:	978	91	15	0	0	0	0	0	0	0	0	0	0	0	0	1084
Patents By Year of Application:	1084	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1084
KOITO MANUFACTURING COMPANY LIMITED																
Patents By Year of Grant:	209	52	56	75	85	58	49	63	82	68	52	63	50	60	58	1080
Patents By Year of Application:	317	74	72	76	76	68	89	64	62	55	66	35	21	5	0	1080
ROCKWELL AUTOMATION TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	8	48	55	54	49	80	84	69	104	148	143	116	121	1079
Patents By Year of Application:	53	73	61	60	96	93	116	134	120	104	51	72	33	12	1	1079
HITACHI HIGH-TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	0	0	0	0	3	18	31	65	67	113	112	154	160	181	162	1066
Patents By Year of Application:	0	0	3	21	53	84	95	122	157	162	161	109	52	44	3	1066

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
BRITISH TELECOMMUNICATION, PLC																
Patents By Year of Grant:	315	69	90	55	46	31	31	40	56	45	47	52	58	61	58	1054
Patents By Year of Application:	593	75	82	57	45	35	34	43	41	28	14	5	2	0	0	1054
SIEMENS MEDICAL SOLUTIONS USA, INC.																
Patents By Year of Grant:	0	0	1	20	19	23	22	21	45	132	135	193	162	158	114	1045
Patents By Year of Application:	8	14	43	47	40	86	163	188	168	104	97	55	28	4	0	1045
STMICROELECTRONICS, INC.																
Patents By Year of Grant:	126	93	72	74	91	82	52	71	59	58	28	51	47	53	82	1039
Patents By Year of Application:	373	99	93	72	74	82	34	38	30	33	40	47	15	9	0	1039
CATERPILLAR INC.																
Patents By Year of Grant:	254	51	54	39	27	39	42	41	46	41	53	60	90	111	88	1036
Patents By Year of Application:	373	50	40	61	36	47	55	64	107	108	27	25	30	12	1	1036
FORD GLOBAL TECHNOLOGIES, L.L.C.																
Patents By Year of Grant:	0	0	0	0	47	102	81	87	72	44	59	69	89	172	212	1034
Patents By Year of Application:	6	34	55	126	94	74	53	64	81	80	119	128	68	51	1	1034
OMRON CORPORATION																
Patents By Year of Grant:	145	22	24	32	37	59	65	87	96	79	68	75	57	77	97	1020
Patents By Year of Application:	214	31	65	73	100	75	75	123	70	64	52	41	31	6	0	1020
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	270	39	53	48	54	71	87	147	113	75	53	2	0	0	0	1012
Patents By Year of Application:	340	71	74	110	157	181	62	14	3	0	0	0	0	0	0	1012
PITNEY-BOWES, INC.																
Patents By Year of Grant:	290	51	46	46	48	68	68	59	41	57	44	58	54	39	24	993
Patents By Year of Application:	497	65	67	71	68	48	48	47	34	23	14	6	4	1	0	993
ROCKWELL COLLINS, INC.																
Patents By Year of Grant:	2	24	48	73	57	52	37	50	53	59	115	96	92	94	124	976
Patents By Year of Application:	120	97	53	47	60	79	86	101	92	85	66	51	35	4	0	976
COMMISSARIAT A L'ENERGIE ATOMIQUE																
Patents By Year of Grant:	213	28	41	43	31	47	47	46	42	55	63	96	94	92	37	975
Patents By Year of Application:	310	48	47	59	75	62	75	59	95	86	48	11	0	0	0	975
ADC TELECOMMUNICATIONS, INC.																
Patents By Year of Grant:	44	14	35	48	61	59	52	52	52	98	106	106	85	81	81	974
Patents By Year of Application:	130	59	83	58	30	39	62	76	123	100	98	61	42	13	0	974

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC																
Patents By Year of Grant:	0	0	23	127	118	152	125	109	68	74	60	46	28	18	23	971
Patents By Year of Application:	57	129	142	199	155	81	38	49	43	38	18	17	5	0	0	971
SYNOPSYS INC.																
Patents By Year of Grant:	60	26	25	31	20	21	35	37	65	57	67	78	136	141	165	964
Patents By Year of Application:	149	22	34	46	36	63	74	62	102	117	105	72	55	26	1	964
KONICA CORPORATION																
Patents By Year of Grant:	373	60	65	80	61	96	62	62	43	22	10	5	9	0	0	948
Patents By Year of Application:	532	77	88	109	104	5	11	5	10	5	1	1	0	0	0	948
CALIFORNIA INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	161	52	60	45	65	60	59	65	52	49	43	61	54	63	57	946
Patents By Year of Application:	312	65	80	60	57	51	59	65	44	60	30	32	27	3	1	946
TRW INC.																
Patents By Year of Grant:	383	146	172	137	68	24	9	6	0	0	0	0	0	0	0	945
Patents By Year of Application:	747	120	63	15	0	0	0	0	0	0	0	0	0	0	0	945
LEXMARK INTERNATIONAL, INC.																
Patents By Year of Grant:	110	35	45	39	47	43	38	61	90	76	77	90	75	76	41	943
Patents By Year of Application:	178	71	61	48	61	127	109	83	69	62	35	25	9	5	0	943
WESTERN DIGITAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	12	36	56	80	113	101	54	52	53	58	78	97	146	936
Patents By Year of Application:	34	52	78	105	85	89	70	47	49	75	72	99	48	33	0	936
FRANCE TELECOM																
Patents By Year of Grant:	240	34	30	19	22	33	18	30	43	44	51	82	73	93	119	931
Patents By Year of Application:	324	62	47	56	47	83	71	70	87	50	28	6	0	0	0	931
HAMAMATSU PHOTONICS KABUSHIKI KAISHA																
Patents By Year of Grant:	214	11	13	23	46	38	48	67	48	48	65	83	68	69	82	923
Patents By Year of Application:	238	48	55	77	67	96	70	62	52	53	49	34	14	8	0	923
BELLSOUTH INTELLECTUAL PROPERTY CORPORATION																
Patents By Year of Grant:	12	19	23	46	82	167	165	288	113	3	1	1	2	0	0	922
Patents By Year of Application:	159	157	208	220	102	53	16	7	0	0	0	0	0	0	0	922
VERIZON PATENT AND LICENSING, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	61	112	281	467	921
Patents By Year of Application:	1	0	0	2	0	2	2	118	161	177	169	160	103	25	1	921

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
Motorola-Mobility, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	51	240	317	306	914
Patents By Year of Application:	1	3	2	12	17	22	40	130	186	189	157	73	50	30	2	914
OKIDATA CORPORATION																
Patents By Year of Grant:	46	39	25	20	25	23	28	38	48	59	41	86	109	169	155	911
Patents By Year of Application:	123	22	19	30	51	65	71	77	77	123	125	93	25	9	1	911
SPRINT SPECTRUM L.P.																
Patents By Year of Grant:	0	0	1	0	9	13	28	78	74	67	73	93	142	169	161	908
Patents By Year of Application:	9	18	43	82	83	101	87	67	90	85	107	85	39	12	0	908
SONY ERICSSON MOBILE COMMUNICATIONS AB																
Patents By Year of Grant:	0	0	0	0	0	4	9	34	46	63	129	198	228	170	26	907
Patents By Year of Application:	0	0	3	29	78	103	105	205	163	132	60	20	6	3	0	907
Samsung Mobile Display Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	151	248	310	193	1	903
Patents By Year of Application:	0	0	0	1	3	61	173	209	157	132	123	33	11	0	0	903
TEKTRONIX INC.																
Patents By Year of Grant:	267	43	51	50	50	52	44	33	47	44	40	44	41	46	50	902
Patents By Year of Application:	392	61	57	54	44	47	57	53	35	36	30	16	16	3	1	902
STANFORD UNIVERSITY																
Patents By Year of Grant:	185	48	39	43	35	43	43	47	44	63	53	59	53	79	65	899
Patents By Year of Application:	299	44	60	46	54	50	40	58	70	56	38	47	21	14	2	899
Fujitsu Semiconductor Limited																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	141	274	222	255	892
Patents By Year of Application:	0	0	1	0	3	11	39	90	111	187	181	135	104	27	3	892
FURUKAWA ELECTRIC CO., LTD.																
Patents By Year of Grant:	154	18	23	49	93	103	71	54	34	27	41	55	47	51	56	876
Patents By Year of Application:	205	56	126	107	61	31	39	35	34	68	49	28	25	10	2	876
INTERNATIONAL RECTIFIER CORPORATION																
Patents By Year of Grant:	100	25	31	37	42	55	53	57	72	78	76	45	64	56	69	860
Patents By Year of Application:	162	33	46	52	80	71	100	87	92	70	16	13	28	9	1	860
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION																
Patents By Year of Grant:	257	33	38	32	37	46	41	38	37	28	46	55	56	62	46	852
Patents By Year of Application:	338	47	39	45	48	41	43	60	38	42	53	35	20	3	0	852

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
DAI NIPPON PRINTING CO. LTD																
Patents By Year of Grant:	103	46	22	25	40	53	38	48	47	42	52	62	57	58	62	755
Patents By Year of Application:	187	30	53	53	74	59	62	54	66	34	24	27	23	9	0	755
FUJI ELECTRIC CO., LTD.																
Patents By Year of Grant:	333	41	33	45	47	48	27	16	6	3	1	0	9	69	73	751
Patents By Year of Application:	402	48	56	49	34	5	5	2	6	18	37	42	38	9	0	751
NATIONAL INSTRUMENTS CORPORATION																
Patents By Year of Grant:	88	29	26	26	23	29	42	73	42	43	59	56	56	71	88	751
Patents By Year of Application:	168	59	66	82	39	48	45	44	56	23	71	31	10	9	0	751
WINBOND ELECTRONICS CORP.																
Patents By Year of Grant:	153	85	77	80	57	76	54	57	43	23	9	8	12	6	10	750
Patents By Year of Application:	364	60	70	86	53	40	24	17	13	5	8	3	6	1	0	750
INTEGRATED DEVICE TECHNOLOGY, INC.																
Patents By Year of Grant:	151	26	33	18	23	24	34	51	44	34	48	79	58	67	57	747
Patents By Year of Application:	214	21	39	35	40	48	51	70	66	62	44	37	15	5	0	747
AOL LLC																
Patents By Year of Grant:	10	7	3	14	17	26	18	54	82	87	80	104	127	77	40	746
Patents By Year of Application:	51	48	73	90	101	73	40	82	48	44	29	38	23	6	0	746
NGK INSULATORS LTD.																
Patents By Year of Grant:	132	28	48	54	56	50	41	45	43	49	48	38	35	25	40	732
Patents By Year of Application:	224	54	60	57	51	39	53	35	49	28	29	31	13	9	0	732
PHILIPS ELECTRONICS NORTH AMERICA CORP.																
Patents By Year of Grant:	387	120	154	61	1	1	0	0	1	0	0	0	2	2	0	729
Patents By Year of Application:	676	44	5	0	0	0	0	2	0	1	1	0	0	0	0	729
HUGHES ELECTRONICS CORP.																
Patents By Year of Grant:	177	120	140	121	61	52	26	10	0	3	1	0	0	0	0	711
Patents By Year of Application:	506	138	43	18	5	1	0	0	0	0	0	0	0	0	0	711
MITSUMI ELECTRIC CO., LTD.																
Patents By Year of Grant:	123	36	42	39	43	42	35	49	37	45	48	44	38	42	45	708
Patents By Year of Application:	209	49	38	49	31	61	55	37	60	40	46	18	15	0	0	708
LG INNOTEK CO., LTD																
Patents By Year of Grant:	0	0	0	0	0	0	1	1	3	9	14	52	121	195	308	704
Patents By Year of Application:	0	0	0	0	5	13	19	28	58	83	83	168	195	50	2	704

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
UNITED STATES OF AMERICA, AIR FORCE																
Patents By Year of Grant:	306	34	52	34	30	20	23	31	25	21	24	26	24	24	28	702
Patents By Year of Application:	405	30	35	26	23	25	44	18	26	17	24	9	14	6	0	702
FORD MOTOR COMPANY																
Patents By Year of Grant:	434	29	12	8	26	36	24	20	14	23	16	19	13	7	8	689
Patents By Year of Application:	471	65	12	28	33	16	18	18	7	7	9	3	2	0	0	689
NOKIA TELECOMMUNICATIONS OYJ																
Patents By Year of Grant:	322	110	104	93	43	8	2	1	1	0	1	0	0	0	0	685
Patents By Year of Application:	679	3	2	0	1	0	0	0	0	0	0	0	0	0	0	685
ILLINOIS TOOL WORKS INC.																
Patents By Year of Grant:	63	42	39	38	53	59	42	49	55	48	17	38	28	40	69	680
Patents By Year of Application:	139	44	61	71	69	61	61	50	31	36	19	25	6	6	1	680
INVENTEC CORPORATION																
Patents By Year of Grant:	15	11	17	27	24	22	29	38	76	110	93	60	66	35	56	679
Patents By Year of Application:	60	28	28	24	39	39	70	111	106	53	43	40	37	1	0	679
VLSI TECHNOLOGY, INC.																
Patents By Year of Grant:	509	89	61	16	0	0	0	0	0	0	0	0	0	0	0	675
Patents By Year of Application:	669	5	1	0	0	0	0	0	0	0	0	0	0	0	0	675
PENTAX CORPORATION																
Patents By Year of Grant:	0	0	0	12	142	163	142	113	76	26	0	0	0	0	0	674
Patents By Year of Application:	51	61	143	131	126	85	56	18	3	0	0	0	0	0	0	674
NITTO DENKO CORPORATION																
Patents By Year of Grant:	19	12	16	23	32	44	42	47	39	50	57	53	66	79	94	673
Patents By Year of Application:	55	40	45	56	44	50	47	51	53	63	73	41	43	12	0	673
AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC.																
Patents By Year of Grant:	7	5	2	1	2	8	4	24	38	64	75	100	109	130	103	672
Patents By Year of Application:	17	10	25	34	41	72	59	62	96	50	43	52	66	43	2	672
BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION, INC.																
Patents By Year of Grant:	0	0	4	48	32	54	52	51	71	35	55	45	83	77	63	670
Patents By Year of Application:	23	30	42	74	79	59	67	49	27	64	78	34	34	8	2	670
CIENA CORPORATION																
Patents By Year of Grant:	32	20	20	30	33	41	56	76	56	39	31	64	55	64	51	668
Patents By Year of Application:	95	88	100	57	54	51	25	36	50	46	26	27	11	2	0	668

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
CONEXANT SYSTEMS, INC.																
Patents By Year of Grant:	20	65	115	131	81	50	26	25	22	23	13	17	26	20	34	668
Patents By Year of Application:	333	110	56	15	30	19	22	8	6	23	17	11	15	3	0	668
ITT MANUFACTURING ENTERPRISES, INC.																
Patents By Year of Grant:	50	58	49	40	30	40	42	57	66	36	58	64	50	14	1	655
Patents By Year of Application:	169	50	56	57	47	33	79	58	55	29	20	2	0	0	0	655
SILICON GRAPHICS, INC.																
Patents By Year of Grant:	232	65	79	50	50	52	28	27	14	24	9	0	2	0	0	632
Patents By Year of Application:	462	58	34	38	18	4	9	6	1	2	0	0	0	0	0	632
FAIRCHILD SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	13	14	15	39	35	48	35	30	19	29	50	82	83	72	67	631
Patents By Year of Application:	62	32	38	43	44	31	28	37	64	95	64	47	36	10	0	631
SPANSION LLC																
Patents By Year of Grant:	0	0	0	0	0	2	3	40	81	66	68	94	100	89	87	630
Patents By Year of Application:	0	1	0	5	14	53	108	126	99	99	37	46	30	11	1	630
NOVELL, INC.																
Patents By Year of Grant:	106	45	17	22	27	24	14	25	29	29	39	84	48	58	60	627
Patents By Year of Application:	213	38	29	42	38	32	35	42	45	28	45	23	14	3	0	627
RED HAT, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	3	4	1	9	19	77	104	172	235	625
Patents By Year of Application:	0	3	6	0	7	7	27	80	170	120	109	72	17	7	0	625
SGS-THOMSON MICROELECTRONICS S.R.L.																
Patents By Year of Grant:	524	58	24	11	4	1	1	0	0	0	0	0	0	0	0	623
Patents By Year of Application:	615	5	2	1	0	0	0	0	0	0	0	0	0	0	0	623
HRL LABORATORIES, LLC																
Patents By Year of Grant:	0	1	12	31	45	41	42	54	60	54	45	70	59	56	52	622
Patents By Year of Application:	26	52	53	47	60	84	51	53	43	61	45	27	14	6	0	622
SANDIA CORPORATION																
Patents By Year of Grant:	124	31	36	43	44	36	26	33	30	42	27	37	27	45	41	622
Patents By Year of Application:	214	32	54	28	41	34	35	40	34	32	31	28	16	3	0	622
MINEBEA KABUSHIKI-KAISHA (MINEBEA CO., LTD)																
Patents By Year of Grant:	69	27	26	30	47	59	73	83	49	24	32	31	20	23	25	618
Patents By Year of Application:	130	29	52	63	87	74	52	26	26	33	14	13	11	8	0	618

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	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
OSRAM SYLVANIA INC.																	
Patents By Year of Grant:	113	23	27	18	23	40	27	52	49	35	34	39	43	34	58	615	
Patents By Year of Application:	173	12	28	37	24	56	68	43	41	39	26	33	29	5	1	615	
SHIMADZU CORPORATION																	
Patents By Year of Grant:	109	16	16	30	39	22	22	43	30	30	34	38	39	75	70	613	
Patents By Year of Application:	149	28	36	26	29	45	50	65	71	55	22	17	18	2	0	613	
STORAGE TECHNOLOGY CORPORATION																	
Patents By Year of Grant:	141	42	50	50	50	67	52	60	42	31	17	7	3	0	0	612	
Patents By Year of Application:	273	78	65	64	39	45	36	10	0	1	1	0	0	0	0	612	
VISTEON GLOBAL TECHNOLOGIES, INC.																	
Patents By Year of Grant:	1	11	76	52	64	97	86	64	39	18	30	20	22	19	13	612	
Patents By Year of Application:	98	65	67	115	94	38	45	14	26	26	12	8	4	0	0	612	
CHUNGHWA PICTURE TUBES, LTD.																	
Patents By Year of Grant:	29	7	2	5	4	10	16	23	34	59	55	65	57	147	97	610	
Patents By Year of Application:	40	1	9	15	21	32	79	67	39	65	119	72	37	14	0	610	
MOSAID TECHNOLOGIES INC.																	
Patents By Year of Grant:	50	16	11	13	28	26	17	29	24	21	43	73	97	75	83	606	
Patents By Year of Application:	80	22	27	32	34	18	36	42	70	66	50	53	50	24	2	606	
LG SEMICON CO., LTD.																	
Patents By Year of Grant:	408	154	18	16	3	3	1	0	1	0	1	0	0	0	0	605	
Patents By Year of Application:	593	4	5	1	0	1	0	1	0	0	0	0	0	0	0	605	
NIPPONDENSO CO., LTD.																	
Patents By Year of Grant:	579	15	6	3	1	0	0	0	0	0	0	0	0	0	0	604	
Patents By Year of Application:	601	1	2	0	0	0	0	0	0	0	0	0	0	0	0	604	
EBAY INC.																	
Patents By Year of Grant:	0	1	0	2	2	3	2	9	6	19	23	81	110	139	203	600	
Patents By Year of Application:	9	26	17	14	25	40	25	51	76	57	57	80	66	57	0	600	
MARVELL WORLD TRADE LTD.																	
Patents By Year of Grant:	0	0	0	0	0	0	6	9	23	34	45	83	94	119	184	597	
Patents By Year of Application:	0	0	0	3	18	25	34	81	82	87	76	72	66	51	2	597	
NGK SPARK PLUG CO., LTD.																	
Patents By Year of Grant:	118	24	30	21	45	48	22	25	20	26	22	33	30	64	68	596	
Patents By Year of Application:	177	26	47	50	22	33	26	31	27	46	55	32	20	3	1	596	

---- Organizational Patenting (Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
INTERSIL AMERICAS INC.																
Patents By Year of Grant:	0	0	3	20	39	42	33	50	37	34	42	52	68	92	79	591
Patents By Year of Application:	11	22	41	40	35	62	43	37	47	57	56	82	48	9	1	591
PALO ALTO RESEARCH CENTER INCORPORATED																
Patents By Year of Grant:	0	0	0	0	1	1	7	34	36	44	53	100	95	117	102	590
Patents By Year of Application:	0	0	1	22	55	74	54	59	81	76	83	53	23	7	2	590
MAXTOR CORPORATION																
Patents By Year of Grant:	82	17	35	64	52	56	47	76	64	47	42	5	2	0	0	589
Patents By Year of Application:	204	58	78	52	40	55	51	37	14	0	0	0	0	0	0	589
ATI Technologies ULC																
Patents By Year of Grant:	47	39	37	21	11	28	26	36	24	31	54	54	55	70	53	586
Patents By Year of Application:	159	28	39	33	35	51	54	50	40	24	39	17	13	4	0	586
CREE, INC.																
Patents By Year of Grant:	0	0	8	7	8	13	21	20	25	33	42	72	91	86	157	583
Patents By Year of Application:	9	5	18	19	29	44	51	59	96	46	71	59	59	16	2	583
SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC																
Patents By Year of Grant:	0	6	14	43	23	26	20	28	26	34	53	62	75	97	73	580
Patents By Year of Application:	21	33	32	29	33	36	54	69	57	86	45	58	18	9	0	580
Invention Science Fund I, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	67	125	223	160	575
Patents By Year of Application:	0	0	0	0	0	7	56	90	76	137	129	60	15	5	0	575
SGS-THOMSON MICROELECTRONICS S.A.																
Patents By Year of Grant:	435	76	33	13	8	2	4	2	0	0	0	0	0	0	0	573
Patents By Year of Application:	561	6	2	0	1	3	0	0	0	0	0	0	0	0	0	573
KLA-TENCOR TECHNOLOGIES CORP.																
Patents By Year of Grant:	0	0	1	3	13	53	52	98	89	92	62	60	23	11	8	565
Patents By Year of Application:	5	11	40	60	82	101	103	69	66	13	5	5	3	2	0	565
LENOVO (SINGAPORE) PTE LTD																
Patents By Year of Grant:	0	0	0	0	0	0	9	75	89	71	59	67	54	77	60	561
Patents By Year of Application:	9	7	51	45	87	65	57	61	42	66	31	29	9	1	1	561
HOYA CORPORATION																
Patents By Year of Grant:	14	3	7	5	8	12	6	4	11	64	126	123	89	51	32	555
Patents By Year of Application:	26	7	12	11	22	25	92	87	107	55	47	35	19	10	0	555

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
Fu Zhun Precision Industry (Shenzhen) Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	6	63	68	69	135	107	77	25	550
Patents By Year of Application:	0	0	0	0	1	23	50	74	84	119	134	58	7	0	0	550
SHINKO ELECTRIC INDUSTRIES CO., LTD.																
Patents By Year of Grant:	39	10	24	26	30	20	15	22	25	30	36	62	59	78	71	547
Patents By Year of Application:	76	32	30	19	20	29	38	48	56	56	53	61	22	7	0	547
BANK OF AMERICA CORPORATION																
Patents By Year of Grant:	0	1	0	2	0	1	1	2	6	2	15	26	71	159	260	546
Patents By Year of Application:	3	1	4	6	11	19	16	26	54	106	90	99	69	42	0	546
METROLOGIC INSTRUMENTS INC.																
Patents By Year of Grant:	54	18	18	32	39	28	44	47	33	28	67	68	30	15	24	545
Patents By Year of Application:	119	30	31	73	29	39	13	35	103	41	7	9	15	1	0	545
MCAFEE, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	9	65	52	27	31	62	62	83	153	544
Patents By Year of Application:	1	11	91	62	20	30	41	62	83	34	37	26	30	16	0	544
PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH																
Patents By Year of Grant:	126	30	55	43	46	55	30	56	45	43	6	5	0	0	0	540
Patents By Year of Application:	204	49	46	56	46	52	56	28	3	0	0	0	0	0	0	540
NETWORK APPLIANCE, INC.																
Patents By Year of Grant:	4	3	3	6	10	22	30	60	77	112	61	61	40	32	17	538
Patents By Year of Application:	23	21	41	83	67	67	78	49	48	29	17	12	3	0	0	538
FORD GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	143	58	91	112	38	1	1	0	2	1	3	12	21	22	22	527
Patents By Year of Application:	269	107	48	19	2	8	5	11	13	11	10	17	6	1	0	527
STATS CHIPPAK LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	1	2	14	20	33	77	121	118	141	527
Patents By Year of Application:	0	0	0	0	0	4	22	100	84	96	67	88	47	19	0	527
TOSHIBA TEC KABUSHIKI KAISHA																
Patents By Year of Grant:	1	13	69	95	63	17	9	24	22	22	21	27	40	39	65	527
Patents By Year of Application:	44	124	95	33	5	18	17	28	29	19	31	41	34	9	0	527
Avago Technologies ECBU IP (Singapore) Pte. Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	16	102	79	100	89	55	66	14	521
Patents By Year of Application:	0	1	3	1	45	104	122	56	77	43	50	18	1	0	0	521

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
ALPINE ELECTRONICS INC.																
Patents By Year of Grant:	51	11	14	21	19	34	34	31	33	38	50	48	38	59	36	517
Patents By Year of Application:	82	28	38	39	48	47	52	49	48	39	22	14	8	3	0	517
AISIN AW CO., LTD.																
Patents By Year of Grant:	85	29	18	8	19	14	15	24	13	21	16	34	46	90	82	514
Patents By Year of Application:	130	17	15	17	30	24	30	31	33	69	55	38	19	6	0	514
THE DIRECTV GROUP, INC.																
Patents By Year of Grant:	0	0	0	0	0	21	35	46	50	54	56	73	66	48	65	514
Patents By Year of Application:	8	66	54	42	53	46	38	50	79	40	11	17	8	2	0	514
Himax Technologies Limited																
Patents By Year of Grant:	0	0	0	0	2	4	7	10	23	41	38	87	94	123	83	512
Patents By Year of Application:	1	0	1	14	7	21	42	56	119	84	74	51	34	8	0	512
Symantec Operating Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	18	86	93	147	76	54	38	512
Patents By Year of Application:	0	0	2	40	66	130	91	82	40	37	14	0	5	5	0	512
MCI COMMUNICATIONS CORP.																
Patents By Year of Grant:	268	73	58	43	19	17	8	6	3	2	1	2	5	1	2	508
Patents By Year of Application:	486	2	3	1	8	4	1	0	0	2	1	0	0	0	0	508
AISIN SEIKI KABUSHIKI KAISHA																
Patents By Year of Grant:	86	18	21	27	25	30	25	36	27	23	34	29	34	49	42	506
Patents By Year of Application:	122	24	36	35	39	37	39	38	30	28	36	29	12	1	0	506
DAIMLER-CHRYSLER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	7	62	97	77	55	39	61	54	38	13	0	1	0	0	1	505
Patents By Year of Application:	196	83	60	69	55	32	9	1	0	0	0	0	0	0	0	505
HALLIBURTON ENERGY SERVICES, INC.																
Patents By Year of Grant:	24	14	25	21	32	43	36	44	30	25	29	45	28	44	63	503
Patents By Year of Application:	77	23	34	55	39	53	42	48	34	35	25	22	7	8	1	503
INTUIT, INC.																
Patents By Year of Grant:	4	0	0	2	0	1	1	4	2	5	18	88	116	119	143	503
Patents By Year of Application:	6	3	5	6	5	11	18	92	91	113	51	48	38	15	1	503
POWER INTEGRATIONS, INC.																
Patents By Year of Grant:	12	4	9	14	19	30	14	31	31	28	39	47	59	80	84	501
Patents By Year of Application:	22	13	12	26	28	30	38	35	37	53	53	52	51	47	4	501

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	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
THE MATH WORKS, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	3	10	13	32	54	73	99	105	112	501	
Patents By Year of Application:	0	3	20	3	44	57	61	57	96	46	35	31	30	15	3	501	
BlackBerry Limited																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	500	500	
Patents By Year of Application:	0	0	0	0	3	5	6	9	24	29	49	100	109	152	14	500	
Oki Semiconductor Co., Ltd.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	6	142	137	107	68	40	500	
Patents By Year of Application:	0	0	1	3	10	15	44	80	124	105	64	40	13	1	0	500	
SARNOFF CORPORATION																	
Patents By Year of Grant:	44	68	66	70	67	42	34	26	16	22	20	24	0	0	0	499	
Patents By Year of Application:	249	92	38	20	13	25	28	17	12	2	3	0	0	0	0	499	
NUANCE COMMUNICATIONS, INC.																	
Patents By Year of Grant:	0	1	4	1	5	5	4	7	11	3	27	71	103	121	135	498	
Patents By Year of Application:	17	6	8	15	14	23	56	61	66	114	26	26	35	30	1	498	
OSRAM OPTO SEMICONDUCTORS GMBH																	
Patents By Year of Grant:	0	0	1	4	13	21	32	25	28	44	48	48	49	75	109	497	
Patents By Year of Application:	2	9	21	52	49	46	68	50	54	76	37	20	8	4	1	497	
THOMSON-CSF																	
Patents By Year of Grant:	342	40	44	39	20	10	1	1	0	0	0	0	0	0	0	497	
Patents By Year of Application:	442	36	19	0	0	0	0	0	0	0	0	0	0	0	0	497	
LITTON SYSTEMS INC.																	
Patents By Year of Grant:	278	49	67	25	22	18	8	10	9	4	3	0	1	0	0	494	
Patents By Year of Application:	400	34	22	7	14	6	6	1	4	0	0	0	0	0	0	494	
JDS UNIPHASE CORPORATION																	
Patents By Year of Grant:	1	7	17	49	46	44	47	36	38	25	22	46	65	17	32	492	
Patents By Year of Application:	45	47	50	59	48	41	44	37	39	40	16	16	5	5	0	492	
QUANTUM CORP. (CA)																	
Patents By Year of Grant:	202	43	29	9	15	20	16	28	25	19	21	23	14	17	6	487	
Patents By Year of Application:	279	18	26	22	24	23	22	15	15	17	11	9	4	2	0	487	
HEADWAY TECHNOLOGIES, INC.																	
Patents By Year of Grant:	7	1	6	12	10	12	29	50	35	48	27	27	54	66	99	483	
Patents By Year of Application:	18	10	17	20	40	57	52	25	42	27	36	57	50	31	1	483	

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
MAXIM INTEGRATED PRODUCTS, INC.																
Patents By Year of Grant:	66	22	31	31	20	12	16	23	15	10	16	42	38	69	71	482
Patents By Year of Application:	124	21	33	16	23	16	31	24	26	43	46	36	33	8	2	482
SCIENTIFIC-ATLANTA, INC.																
Patents By Year of Grant:	167	27	39	33	34	24	16	26	33	22	27	31	0	0	0	479
Patents By Year of Application:	266	46	47	35	22	21	11	21	5	4	1	0	0	0	0	479
MITUTOYO CORPORATION																
Patents By Year of Grant:	44	13	17	26	42	22	16	42	26	46	39	29	31	40	42	475
Patents By Year of Application:	85	31	37	31	20	34	38	41	33	28	38	39	18	2	0	475
LATTICE SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	26	15	12	22	36	43	47	48	41	41	47	34	23	21	18	474
Patents By Year of Application:	61	18	32	58	63	34	51	41	33	21	27	13	21	1	0	474
STANLEY ELECTRIC CO., LTD.																
Patents By Year of Grant:	60	26	16	19	17	6	9	12	18	17	30	50	47	57	90	474
Patents By Year of Application:	104	15	18	5	17	19	21	35	40	52	54	42	38	14	0	474
ABB RESEARCH LTD.																
Patents By Year of Grant:	59	17	16	18	24	29	15	19	19	14	16	36	53	62	73	470
Patents By Year of Application:	99	17	32	32	32	39	20	20	34	45	34	39	19	8	0	470
NEC LCD TECHNOLOGIES, LTD.																
Patents By Year of Grant:	0	0	0	0	38	67	74	57	31	30	59	55	52	3	1	467
Patents By Year of Application:	6	42	63	67	46	52	58	51	41	20	8	9	3	1	0	467
AMKOR TECHNOLOGY, INC.																
Patents By Year of Grant:	6	5	10	50	63	44	36	45	17	16	15	35	46	38	40	466
Patents By Year of Application:	34	63	65	37	40	33	25	27	17	37	27	39	17	4	1	466
ORACLE CORPORATION																
Patents By Year of Grant:	161	77	67	85	50	5	1	7	1	3	4	1	1	1	1	465
Patents By Year of Application:	401	29	16	11	1	3	2	2	0	0	0	0	0	0	0	465
WISCONSIN ALUMNI RESEARCH FOUNDATION																
Patents By Year of Grant:	82	16	12	19	23	15	16	25	20	27	32	42	43	48	43	463
Patents By Year of Application:	118	27	23	21	18	27	34	49	39	36	30	21	13	6	1	463
DONNELLY CORPORATION																
Patents By Year of Grant:	57	21	31	35	21	26	22	22	24	33	30	30	35	43	28	458
Patents By Year of Application:	108	31	32	38	25	19	17	19	37	25	26	26	27	26	2	458

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---- Organizational Patenting (Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
AUTODESK, INC.																
Patents By Year of Grant:	20	18	19	21	18	19	30	37	26	21	40	47	35	45	51	447
Patents By Year of Application:	94	34	45	33	25	40	24	38	29	44	26	7	5	2	1	447
ADAPTEC, INC.																
Patents By Year of Grant:	106	56	46	42	22	37	34	48	21	12	12	8	1	0	0	445
Patents By Year of Application:	247	52	31	55	19	22	13	2	3	1	0	0	0	0	0	445
COMPUTER ASSOCIATES THINK, INC.																
Patents By Year of Grant:	0	5	11	24	10	5	15	24	26	34	52	101	84	45	9	445
Patents By Year of Application:	62	18	28	31	44	64	76	41	22	23	14	19	3	0	0	445
TRADING TECHNOLOGIES INTERNATIONAL, INC.																
Patents By Year of Grant:	0	0	0	0	0	2	1	4	4	15	76	96	66	83	98	445
Patents By Year of Application:	1	3	3	18	32	18	16	101	12	9	52	58	53	58	11	445
UNITED SERVICES AUTOMOBILE ASSOCIATION (USAA)																
Patents By Year of Grant:	0	0	0	0	0	0	1	1	3	1	7	76	102	116	138	445
Patents By Year of Application:	0	0	0	4	8	2	45	51	95	116	30	29	42	22	1	445
Aptina Imaging Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	16	100	134	84	56	53	443
Patents By Year of Application:	1	1	2	4	13	30	47	57	95	97	54	16	24	2	0	443
ZTE CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	2	1	2	1	2	7	22	34	101	271	443
Patents By Year of Application:	0	0	3	4	18	24	29	21	61	85	99	86	10	3	0	443
TEAC CORPORATION																
Patents By Year of Grant:	148	17	28	19	21	23	23	38	24	17	22	14	25	15	7	441
Patents By Year of Application:	200	26	27	57	23	26	17	11	14	12	20	5	3	0	0	441
ALCATEL N. V.																
Patents By Year of Grant:	427	8	2	2	0	0	0	0	0	1	0	0	0	0	0	440
Patents By Year of Application:	440	0	0	0	0	0	0	0	0	0	0	0	0	0	0	440
ANDREW CORPORATION																
Patents By Year of Grant:	35	10	6	14	31	39	29	41	30	26	23	30	40	42	42	438
Patents By Year of Application:	58	18	31	64	55	32	26	25	20	36	29	20	14	10	0	438
GEORGIA TECH RESEARCH CORP.																
Patents By Year of Grant:	56	13	15	19	20	20	26	32	28	20	27	36	42	34	50	438
Patents By Year of Application:	93	28	23	21	39	15	34	47	37	26	26	27	17	5	0	438

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
Motorola Solutions, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	93	198	146	437
Patents By Year of Application:	0	0	1	3	0	5	14	29	103	117	81	61	18	5	0	437
NEC LABORATORIES AMERICA, INC.																
Patents By Year of Grant:	0	0	0	0	4	7	5	10	19	9	23	39	45	129	147	437
Patents By Year of Application:	2	10	9	5	6	15	15	32	45	82	69	70	63	13	1	437
BEA SYSTEMS, INC.																
Patents By Year of Grant:	4	2	3	2	4	4	19	37	56	78	95	126	4	0	0	434
Patents By Year of Application:	14	5	35	57	78	88	87	46	19	4	1	0	0	0	0	434
ROCKWELL INTERNATIONAL CORPORATION																
Patents By Year of Grant:	415	11	6	0	1	0	0	0	0	0	0	0	0	0	0	433
Patents By Year of Application:	432	0	1	0	0	0	0	0	0	0	0	0	0	0	0	433
NOVATEK MICROELECTRONICS CORP.																
Patents By Year of Grant:	0	1	2	1	4	4	3	8	31	29	42	59	61	96	91	432
Patents By Year of Application:	4	3	1	2	13	16	46	72	69	67	68	29	28	14	0	432
QIMONDA AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	30	39	158	129	50	24	431
Patents By Year of Application:	0	1	0	1	3	3	15	74	163	155	3	10	1	1	1	431
SKYWORKS SOLUTIONS, INC.																
Patents By Year of Grant:	0	0	0	10	55	74	37	42	23	23	41	19	35	26	46	431
Patents By Year of Application:	45	45	57	32	32	34	33	25	24	27	16	32	18	11	0	431
MITA INDUSTRIAL COMPANY LTD.																
Patents By Year of Grant:	412	17	1	0	0	0	0	0	0	0	0	0	0	0	0	430
Patents By Year of Application:	430	0	0	0	0	0	0	0	0	0	0	0	0	0	0	430
CITRIX SYSTEMS, INC.																
Patents By Year of Grant:	7	10	2	6	2	10	6	7	3	7	18	48	65	107	125	423
Patents By Year of Application:	30	11	15	7	5	31	44	49	53	28	72	44	18	15	1	423
INTERMEC IP CORP.																
Patents By Year of Grant:	41	73	57	33	20	16	16	20	21	27	18	13	29	22	17	423
Patents By Year of Application:	214	26	10	9	19	30	23	25	25	13	17	4	4	4	0	423
SIEMENS ENERGY & AUTOMATION, INC.																
Patents By Year of Grant:	120	27	35	21	29	20	30	27	36	40	37	1	0	0	0	423
Patents By Year of Application:	190	32	30	31	30	36	35	26	12	1	0	0	0	0	0	423

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
EMERSON ELECTRIC CO.																
Patents By Year of Grant:	141	29	24	22	17	36	22	18	16	15	18	19	7	10	14	408
Patents By Year of Application:	196	20	25	39	22	24	11	23	6	19	8	11	3	1	0	408
CORNING CABLE SYSTEMS LLC																
Patents By Year of Grant:	0	1	4	33	32	36	27	27	32	32	32	46	24	41	40	407
Patents By Year of Application:	25	28	36	26	25	40	23	48	32	42	32	33	5	9	3	407
LINEAR TECHNOLOGY CORPORATION																
Patents By Year of Grant:	54	28	15	19	27	13	19	16	33	37	24	33	25	33	29	405
Patents By Year of Application:	97	22	23	15	23	20	56	43	19	22	26	25	9	5	0	405
TSINGHUA UNIVERSITY																
Patents By Year of Grant:	2	0	1	0	1	2	5	10	14	30	33	60	60	82	102	402
Patents By Year of Application:	3	1	2	3	16	14	29	48	42	73	63	73	29	6	0	402
UNIVERSITY OF TEXAS																
Patents By Year of Grant:	84	10	14	18	17	20	14	19	20	22	22	30	35	37	40	402
Patents By Year of Application:	121	21	26	18	22	21	21	30	24	28	30	27	10	3	0	402
TERADYNE, INC.																
Patents By Year of Grant:	49	12	17	29	30	37	27	30	22	27	35	19	30	18	18	400
Patents By Year of Application:	102	42	28	38	21	24	44	16	26	21	11	23	3	1	0	400
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	95	11	5	5	7	18	16	29	39	29	31	36	25	23	30	399
Patents By Year of Application:	116	9	10	20	28	49	45	37	23	29	16	6	6	4	1	399
CITIZEN WATCH CO., LTD.																
Patents By Year of Grant:	117	45	47	33	44	47	20	29	14	1	0	0	0	0	0	397
Patents By Year of Application:	241	46	43	36	25	3	3	0	0	0	0	0	0	0	0	397
DAINIPPON SCREEN MFG. CO., LTD.																
Patents By Year of Grant:	149	14	13	7	7	17	18	31	24	31	19	23	19	14	11	397
Patents By Year of Application:	182	5	10	28	39	36	20	20	21	19	9	2	4	2	0	397
NETLOGIC MICROSYSTEMS, INC.																
Patents By Year of Grant:	0	6	16	8	11	27	23	23	35	35	27	56	65	20	45	397
Patents By Year of Application:	21	19	22	32	35	37	28	32	48	48	22	35	15	3	0	397
HITACHI CABLE, LTD.																
Patents By Year of Grant:	44	11	11	9	17	12	14	16	19	28	36	48	35	48	48	396
Patents By Year of Application:	70	6	22	17	11	22	31	36	42	36	37	43	19	4	0	396

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
KOMATSU LTD.																
Patents By Year of Grant:	62	32	38	27	30	24	16	17	14	10	11	20	27	24	43	395
Patents By Year of Application:	148	50	16	24	12	12	25	28	20	19	16	8	12	5	0	395
IBIDEN CO., LTD.																
Patents By Year of Grant:	17	2	12	13	17	22	21	6	6	27	19	48	58	65	60	393
Patents By Year of Application:	42	17	26	26	10	15	19	36	35	50	55	46	15	1	0	393
ACTEL CORPORATION																
Patents By Year of Grant:	77	6	8	8	15	24	26	35	26	49	51	26	28	10	3	392
Patents By Year of Application:	92	21	5	32	20	33	33	34	45	42	16	15	2	2	0	392
CARL ZEISS SMT AG																
Patents By Year of Grant:	0	0	0	0	5	28	35	57	61	69	56	71	9	1	0	392
Patents By Year of Application:	1	2	25	32	49	73	75	51	41	35	8	0	0	0	0	392
DIEBOLD SELF SERVICE SYSTEMS, A DIVISION OF DIEBOLD, INCORPORATED																
Patents By Year of Grant:	0	0	0	0	0	3	12	32	39	43	30	50	68	55	60	392
Patents By Year of Application:	0	0	0	1	32	42	32	54	52	46	15	35	46	30	7	392
SGS-THOMSON MICROELECTRONICS, INC.																
Patents By Year of Grant:	390	2	0	0	0	0	0	0	0	0	0	0	0	0	0	392
Patents By Year of Application:	392	0	0	0	0	0	0	0	0	0	0	0	0	0	0	392
PALM, INC.																
Patents By Year of Grant:	0	2	12	31	29	6	19	35	29	37	59	67	10	0	52	388
Patents By Year of Application:	33	32	74	25	18	28	45	50	30	19	14	10	5	5	0	388
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	21	11	13	21	29	22	18	26	18	21	29	41	38	41	36	385
Patents By Year of Application:	57	39	28	26	16	15	24	39	48	36	28	19	8	2	0	385
HAMILTON SUNDSTRAND CORPORATION																
Patents By Year of Grant:	0	10	12	8	2	8	7	15	19	22	34	47	52	69	78	383
Patents By Year of Application:	24	4	7	10	9	29	27	30	42	47	62	58	29	5	0	383
MICROCHIP TECHNOLOGY INCORPORATED																
Patents By Year of Grant:	77	27	21	24	22	17	11	17	17	13	16	26	35	23	37	383
Patents By Year of Application:	127	25	48	3	9	17	12	8	23	44	19	26	18	4	0	383
Accenture Global Services Limited																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	14	115	110	143	382
Patents By Year of Application:	4	1	7	13	8	14	18	32	44	60	58	70	41	11	1	382

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
APPLIED MICRO CIRCUITS CORPORATION																
Patents By Year of Grant:	7	5	11	17	29	35	30	31	32	21	15	31	29	45	43	381
Patents By Year of Application:	33	34	32	68	39	9	3	15	22	30	42	37	14	3	0	381
FIRST DATA CORPORATION																
Patents By Year of Grant:	2	8	7	7	6	17	20	54	32	45	53	45	38	17	30	381
Patents By Year of Application:	37	9	27	57	65	36	29	40	44	17	14	2	4	0	0	381
SanDisk Technologies Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	67	150	163	380
Patents By Year of Application:	0	0	0	1	2	5	17	17	33	45	72	77	79	30	2	380
ShenZhen FuTaiHong Precision Industry Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	4	6	15	33	63	154	104	380
Patents By Year of Application:	0	0	0	0	0	8	5	19	20	42	111	147	26	2	0	380
CYMER, INC.																
Patents By Year of Grant:	41	30	23	19	31	24	16	25	32	33	16	34	16	21	17	378
Patents By Year of Application:	107	21	31	18	29	26	36	31	26	14	11	13	11	4	0	378
LEVITON MANUFACTURING CO. INC.																
Patents By Year of Grant:	84	16	16	12	11	10	23	29	35	25	22	24	24	20	27	378
Patents By Year of Application:	120	9	19	13	16	32	41	36	25	24	18	13	9	3	0	378
SANKEN ELECTRIC COMPANY LIMITED																
Patents By Year of Grant:	8	4	2	8	11	15	10	21	38	31	37	40	45	49	59	378
Patents By Year of Application:	12	8	12	22	18	29	44	47	29	48	44	31	24	10	0	378
COOPER TECHNOLOGIES COMPANY																
Patents By Year of Grant:	11	8	7	6	19	10	7	6	10	21	45	43	58	54	72	377
Patents By Year of Application:	25	9	18	13	9	20	23	46	35	48	43	50	25	12	1	377
IMMERSION CORPORATION																
Patents By Year of Grant:	10	23	30	18	8	25	14	30	25	21	23	31	37	31	51	377
Patents By Year of Application:	76	39	37	22	21	38	14	25	36	21	19	13	9	6	1	377
HITACHI MEDICAL CORPORATION																
Patents By Year of Grant:	83	9	10	20	18	13	12	16	16	21	22	30	32	33	40	375
Patents By Year of Application:	113	18	27	25	28	30	22	30	24	24	30	2	2	0	0	375
Qualcomm MEMS Technologies, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	12	22	103	111	79	46	375
Patents By Year of Application:	0	0	0	0	1	5	38	53	55	70	76	43	27	7	0	375

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
DELCO ELECTRONICS CORPORATION																
Patents By Year of Grant:	333	34	6	1	0	0	0	0	0	0	0	0	0	0	0	374
Patents By Year of Application:	374	0	0	0	0	0	0	0	0	0	0	0	0	0	0	374
FUJI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	58	9	16	22	21	21	11	31	21	22	17	33	21	36	35	374
Patents By Year of Application:	89	29	21	19	26	39	27	19	28	29	19	13	15	1	0	374
MITSUBISHI HEAVY INDUSTRIES, LTD.																
Patents By Year of Grant:	9	12	15	22	14	16	14	17	16	16	12	33	40	59	79	374
Patents By Year of Application:	39	14	28	26	15	16	21	17	42	49	45	35	16	9	2	374
NINTENDO CO., LTD.																
Patents By Year of Grant:	37	7	7	15	19	16	12	22	11	17	22	36	35	55	63	374
Patents By Year of Application:	61	39	22	11	10	12	28	49	28	32	41	22	14	5	0	374
GENTEX CORPORATION																
Patents By Year of Grant:	31	19	26	28	40	20	31	23	17	32	23	21	17	20	25	373
Patents By Year of Application:	78	30	39	29	30	36	20	26	21	25	12	11	8	8	0	373
QWEST COMMUNICATIONS INTERNATIONAL INC.																
Patents By Year of Grant:	1	5	37	37	39	35	27	40	29	18	19	13	21	27	24	372
Patents By Year of Application:	137	39	48	26	34	19	26	8	5	8	8	8	6	0	0	372
VMWARE, INC.																
Patents By Year of Grant:	0	0	0	2	0	7	4	8	10	9	20	37	53	106	116	372
Patents By Year of Application:	3	6	5	7	16	19	10	49	39	73	60	52	20	11	2	372
WESTERNGECO, LLC																
Patents By Year of Grant:	0	0	4	9	16	15	18	9	13	43	30	59	45	37	73	371
Patents By Year of Application:	5	19	18	17	36	22	35	42	41	59	37	29	7	4	0	371
Avago Technologies General IP (Singapore) Pte. Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	39	76	54	52	47	16	5	81	370
Patents By Year of Application:	1	3	8	16	44	50	70	81	14	13	12	24	27	7	0	370
KABUSHIKI KAISHA YASKAWA DENKI																
Patents By Year of Grant:	32	12	15	10	8	26	16	20	23	22	21	23	40	41	60	369
Patents By Year of Application:	56	11	21	29	44	24	26	22	23	2	24	45	30	12	0	369
KONINKLIJKE PHILIPS N.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	368	368
Patents By Year of Application:	1	1	4	5	10	8	9	23	37	63	129	54	12	11	1	368

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
Patents By Year of Grant:	220	15	16	12	13	11	8	7	6	8	8	16	9	11	8	368
Patents By Year of Application:	254	17	8	11	11	3	9	9	16	11	7	7	4	1	0	368
DIEBOLD INCORPORATED																
Patents By Year of Grant:	5	13	15	9	16	18	17	26	23	32	42	37	40	33	41	367
Patents By Year of Application:	57	17	25	34	19	18	23	26	27	29	18	18	27	25	4	367
FUJITSU MICROELECTRONICS LIMITED																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	214	151	0	0	0	366
Patents By Year of Application:	1	0	1	6	6	28	70	123	86	41	4	0	0	0	0	366
QUANTA COMPUTER INC.																
Patents By Year of Grant:	2	3	0	2	8	25	23	30	31	32	28	39	53	51	38	365
Patents By Year of Application:	6	0	5	44	25	26	47	42	52	36	37	34	7	4	0	365
ST-Ericsson SA																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	11	76	84	86	107	364
Patents By Year of Application:	0	1	0	6	17	28	64	56	43	36	40	43	29	1	0	364
ASEA BROWN BOVERI AB																
Patents By Year of Grant:	101	15	29	34	23	22	24	32	17	7	11	8	16	17	7	363
Patents By Year of Application:	168	29	45	38	26	18	14	5	5	3	4	1	2	5	0	363
FUJIKURA LTD.																
Patents By Year of Grant:	23	3	5	6	17	29	27	25	31	28	19	26	33	42	49	363
Patents By Year of Application:	34	8	18	47	29	25	31	14	34	24	35	30	18	15	1	363
LEAR CORPORATION																
Patents By Year of Grant:	8	7	9	11	17	19	29	60	43	28	32	21	23	31	23	361
Patents By Year of Application:	28	20	17	27	57	54	45	31	24	16	19	17	5	1	0	361
UNIVERSITY OF WASHINGTON																
Patents By Year of Grant:	68	19	21	13	19	17	18	10	18	21	20	34	17	27	39	361
Patents By Year of Application:	119	28	16	11	14	21	24	22	29	21	28	14	11	3	0	361
FUTUREWEI TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	2	1	3	2	8	31	54	97	156	355
Patents By Year of Application:	1	2	2	0	1	7	4	22	67	49	65	84	40	10	1	355
JOHNS HOPKINS UNIVERSITY																
Patents By Year of Grant:	45	7	12	15	18	36	31	41	27	16	17	24	15	24	25	353
Patents By Year of Application:	81	18	21	44	57	27	16	17	15	16	18	14	8	1	0	353

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
TYCO ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	2	21	29	34	20	22	22	23	21	22	31	29	46	31	353
Patents By Year of Application:	26	37	33	22	29	22	23	22	29	30	41	26	9	4	0	353
ANDO ELECTRIC CO., LTD.																
Patents By Year of Grant:	134	38	32	49	46	37	16	0	0	0	0	0	0	0	0	352
Patents By Year of Application:	222	55	40	30	5	0	0	0	0	0	0	0	0	0	0	352
INTERUNIVERSITAIR MICRO-ELEKTRONICA CENTRUM (IMEC VZW)																
Patents By Year of Grant:	27	10	17	10	26	23	15	24	12	13	14	38	32	34	55	350
Patents By Year of Application:	70	25	19	23	20	23	17	21	28	33	22	25	20	4	0	350
HTC CORPORATION																
Patents By Year of Grant:	0	0	0	1	0	0	0	0	0	0	15	22	38	120	153	349
Patents By Year of Application:	0	1	0	1	1	1	8	14	27	94	88	51	48	15	0	349
Dongbu Hitek Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	32	91	118	70	34	348
Patents By Year of Application:	0	0	0	0	0	2	2	19	74	114	116	13	5	3	0	348
MSTAR SEMICONDUCTOR, INC.																
Patents By Year of Grant:	0	0	0	0	1	3	3	12	10	15	19	33	46	92	113	347
Patents By Year of Application:	0	0	0	6	17	10	34	32	39	52	56	72	25	4	0	347
NIPPON SHEET GLASS CO., LTD.																
Patents By Year of Grant:	54	15	21	19	27	44	36	36	30	23	10	11	10	7	4	347
Patents By Year of Application:	87	27	54	39	44	24	26	20	8	9	4	3	1	1	0	347
PRIMAX ELECTRONICS LTD.																
Patents By Year of Grant:	34	23	14	9	16	13	7	9	16	18	22	34	41	40	51	347
Patents By Year of Application:	79	3	10	19	22	15	19	31	25	29	35	34	25	1	0	347
RF MICRO DEVICES, INC.																
Patents By Year of Grant:	2	1	9	10	14	31	13	21	20	28	31	24	51	31	61	347
Patents By Year of Application:	9	20	20	26	20	24	28	34	41	28	14	43	30	10	0	347
FISHER-ROSEMOUNT SYSTEMS, INC.																
Patents By Year of Grant:	25	4	7	7	13	16	22	27	21	19	30	42	46	33	34	346
Patents By Year of Application:	59	19	17	24	39	31	23	39	32	18	20	19	5	0	1	346
SUNPLUS TECHNOLOGY CO., LTD.																
Patents By Year of Grant:	0	0	7	8	5	8	9	20	31	43	33	44	46	60	32	346
Patents By Year of Application:	6	14	9	3	11	52	63	38	40	30	33	26	18	3	0	346

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	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
OLYMPUS IMAGING CORP.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	5	29	50	72	58	51	80	345	
Patents By Year of Application:	0	0	0	0	0	0	11	50	72	76	39	45	40	9	3	345	
EPCOS AG																	
Patents By Year of Grant:	0	0	6	16	9	18	23	21	13	23	27	33	65	51	38	343	
Patents By Year of Application:	4	19	19	30	40	30	36	48	18	5	42	33	16	3	0	343	
STMICROELECTRONICS, LTD.																	
Patents By Year of Grant:	2	6	14	38	52	34	46	28	30	24	14	24	15	5	11	343	
Patents By Year of Application:	80	43	54	52	28	31	26	12	3	3	3	7	0	1	0	343	
YOKOGAWA ELECTRIC CORP.																	
Patents By Year of Grant:	47	6	11	7	12	6	30	23	21	22	27	40	33	28	28	341	
Patents By Year of Application:	65	10	19	15	20	29	36	34	35	32	13	21	10	2	0	341	
SENSORMATIC ELECTRONICS CORPORATION																	
Patents By Year of Grant:	114	23	14	9	9	10	12	21	14	8	20	26	21	29	10	340	
Patents By Year of Application:	153	14	15	15	19	16	29	24	10	18	16	7	2	2	0	340	
SIEMENS CORPORATE RESEARCH, INC.																	
Patents By Year of Grant:	82	22	23	15	27	22	22	46	34	19	25	1	0	1	0	339	
Patents By Year of Application:	159	23	39	41	26	12	28	7	3	1	0	0	0	0	0	339	
DEUTSCHE THOMSON-BRANDT GMBH																	
Patents By Year of Grant:	211	42	46	20	0	3	3	9	1	0	0	0	0	0	0	335	
Patents By Year of Application:	319	11	3	2	0	0	0	0	0	0	0	0	0	0	0	335	
UNITED TECHNOLOGIES CORPORATION																	
Patents By Year of Grant:	140	9	8	13	6	8	13	12	18	12	11	19	22	24	20	335	
Patents By Year of Application:	171	6	8	12	15	23	12	17	22	24	8	10	3	4	0	335	
HITACHI KOKUSAI ELECTRIC INC.																	
Patents By Year of Grant:	0	0	0	8	7	27	37	32	26	25	23	36	38	34	41	334	
Patents By Year of Application:	1	10	50	44	33	17	31	23	25	39	33	19	8	1	0	334	
ATI INTERNATIONAL SRL																	
Patents By Year of Grant:	6	11	44	72	70	59	30	20	12	4	4	0	1	0	0	333	
Patents By Year of Application:	209	101	13	3	0	4	3	0	0	0	0	0	0	0	0	333	
NDK, NIHON DEMP A KOGYO COMPANY, LTD.																	
Patents By Year of Grant:	2	1	2	4	4	25	13	28	19	17	25	37	49	54	53	333	
Patents By Year of Application:	3	2	7	28	23	16	28	25	27	39	55	39	30	11	0	333	

---- Organizational Patenting (Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
TOYODA GOSEI KABUSHIKI KAISHA																
Patents By Year of Grant:	24	6	9	15	20	27	39	32	28	23	22	14	23	23	28	333
Patents By Year of Application:	45	28	20	40	39	31	26	19	16	17	27	12	9	4	0	333
BEN Q CORPORATION																
Patents By Year of Grant:	0	0	0	5	18	36	50	74	107	32	5	4	0	0	0	331
Patents By Year of Application:	10	12	21	36	87	101	43	15	6	0	0	0	0	0	0	331
HUGHES ELECTRONIC DEVICES CORPORATION																
Patents By Year of Grant:	329	1	1	0	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
SCHNEIDER ELECTRIC SA																
Patents By Year of Grant:	106	26	23	22	23	15	13	9	14	12	8	14	15	15	16	331
Patents By Year of Application:	157	17	28	19	20	6	16	16	16	16	14	3	2	1	0	331
COLUMBIA UNIVERSITY																
Patents By Year of Grant:	45	12	8	5	10	13	18	15	22	22	21	35	31	24	47	328
Patents By Year of Application:	84	19	15	17	18	28	21	20	38	26	19	16	6	1	0	328
WISTRON CORPORATION																
Patents By Year of Grant:	0	0	0	0	11	20	19	8	11	13	11	16	50	75	92	326
Patents By Year of Application:	2	1	5	28	19	11	12	8	21	41	68	61	34	15	0	326
UNIVERSITY OF MICHIGAN																
Patents By Year of Grant:	58	8	13	10	22	21	25	17	11	11	15	16	27	36	34	324
Patents By Year of Application:	82	15	22	25	31	19	15	14	13	30	20	21	14	3	0	324
TAIYO YUDEN CO., LTD.																
Patents By Year of Grant:	14	13	19	27	12	11	8	19	12	16	13	33	51	36	39	323
Patents By Year of Application:	50	32	11	10	13	17	19	21	29	40	38	17	7	19	0	323
MICRON ELECTRONICS, INC.																
Patents By Year of Grant:	126	115	62	11	2	1	0	1	0	0	0	0	0	0	0	318
Patents By Year of Application:	312	2	3	0	1	0	0	0	0	0	0	0	0	0	0	318
SK Hynix Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	70	247	317
Patents By Year of Application:	0	0	0	0	0	0	0	0	2	13	18	130	118	29	7	317
ABB TECHNOLOGY AG																
Patents By Year of Grant:	0	0	0	1	10	11	14	12	13	13	14	24	37	58	109	316
Patents By Year of Application:	2	6	15	15	7	15	23	22	36	41	31	51	39	12	1	316

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---- Organizational Patenting (Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
GLOBALFOUNDRIES Inc.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	10	82	80	73	71	316	
Patents By Year of Application:	3	0	1	7	7	12	21	26	72	52	37	33	25	20	0	316	
NOKIA NETWORKS OY																	
Patents By Year of Grant:	0	5	40	85	37	58	37	41	8	0	0	4	0	0	1	316	
Patents By Year of Application:	80	140	90	4	0	1	0	0	1	0	0	0	0	0	0	316	
L-3 COMMUNICATIONS CORPORATION																	
Patents By Year of Grant:	16	10	17	12	17	14	12	30	30	21	33	33	22	24	24	315	
Patents By Year of Application:	50	20	29	22	26	22	26	40	21	26	14	12	5	2	0	315	
TOKAI RIKI DENKI SEISAKUSHO K.K.																	
Patents By Year of Grant:	70	11	20	11	23	23	15	25	26	14	18	18	11	15	15	315	
Patents By Year of Application:	105	15	23	21	29	28	16	19	17	18	14	6	4	0	0	315	
UNIVERSITY OF ILLINOIS																	
Patents By Year of Grant:	39	9	11	13	11	21	11	22	15	14	21	31	29	33	34	314	
Patents By Year of Application:	70	19	15	19	14	25	22	21	27	31	26	13	10	2	0	314	
WHITAKER CORPORATION																	
Patents By Year of Grant:	227	39	28	12	4	2	1	1	0	0	0	0	0	0	0	314	
Patents By Year of Application:	308	4	2	0	0	0	0	0	0	0	0	0	0	0	0	314	
ZENITH ELECTRONICS CORPORATION																	
Patents By Year of Grant:	159	22	16	8	16	14	10	7	14	8	4	5	8	14	5	310	
Patents By Year of Application:	217	15	12	11	12	10	7	6	12	2	5	1	0	0	0	310	
Boston Scientific Neuromodulation Corporation																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	14	21	44	57	64	109	309	
Patents By Year of Application:	0	0	0	1	8	10	58	34	32	31	61	23	19	28	4	309	
BLACK & DECKER INC.																	
Patents By Year of Grant:	46	19	11	10	18	17	21	31	18	23	15	28	18	21	11	307	
Patents By Year of Application:	79	13	14	27	26	24	34	24	8	27	12	10	5	4	0	307	
ALLIED-SIGNAL INC.																	
Patents By Year of Grant:	209	42	32	13	6	3	0	0	0	0	0	0	0	0	0	305	
Patents By Year of Application:	298	4	0	3	0	0	0	0	0	0	0	0	0	0	0	305	
RICHTEK TECHNOLOGY CORP.																	
Patents By Year of Grant:	0	0	0	1	1	6	10	12	17	15	25	46	43	62	67	305	
Patents By Year of Application:	0	0	0	9	10	17	25	17	40	35	62	57	25	6	2	305	

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
SRI INTERNATIONAL																
Patents By Year of Grant:	30	1	8	9	14	22	14	30	19	17	17	29	26	37	32	305
Patents By Year of Application:	46	33	32	19	8	22	17	28	32	19	16	19	7	7	0	305
JOHANNES HEIDENHAIN GMBH																
Patents By Year of Grant:	50	10	14	19	25	17	22	36	27	20	15	20	8	6	14	303
Patents By Year of Application:	92	23	20	38	27	24	17	21	10	15	9	3	2	2	0	303
UNIVERSITY OF CENTRAL FLORIDA																
Patents By Year of Grant:	35	7	13	7	13	18	17	23	15	27	28	28	25	27	18	301
Patents By Year of Application:	53	13	11	19	25	30	21	30	35	26	15	17	3	3	0	301
ADTRAN																
Patents By Year of Grant:	49	4	11	18	25	17	20	26	15	10	24	16	10	19	36	300
Patents By Year of Application:	91	22	27	23	28	23	11	8	4	16	10	27	10	0	0	300
ASMO CO., LTD.																
Patents By Year of Grant:	32	12	21	18	18	33	20	14	19	12	19	25	19	20	18	300
Patents By Year of Application:	57	21	29	20	22	26	12	30	10	28	17	18	9	1	0	300
NATIONAL TAIWAN UNIVERSITY																
Patents By Year of Grant:	0	0	0	1	2	8	9	7	10	9	21	32	57	84	59	299
Patents By Year of Application:	0	0	6	9	10	5	11	9	23	73	86	49	8	10	0	299
ROHDE & SCHWARZ GMBH & CO., KG																
Patents By Year of Grant:	18	5	5	5	10	6	15	25	24	18	25	31	37	36	39	299
Patents By Year of Application:	30	18	20	32	25	22	27	27	46	29	15	7	0	1	0	299
Nokia Siemens Networks Oy																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	10	18	20	24	33	70	123	298
Patents By Year of Application:	5	3	12	19	23	14	13	8	8	98	68	15	8	4	0	298
Round Rock Research, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	53	112	77	56	298
Patents By Year of Application:	1	0	0	3	0	3	6	20	61	31	51	49	53	19	1	298
VALEO VISION																
Patents By Year of Grant:	43	13	18	18	17	16	17	18	16	24	21	21	16	11	29	298
Patents By Year of Application:	79	22	14	19	27	17	21	30	21	17	7	17	7	0	0	298
DOLBY LABORATORIES LICENSING CORPORATION																
Patents By Year of Grant:	35	3	5	3	3	8	5	4	8	18	17	19	24	63	82	297
Patents By Year of Application:	49	6	7	13	12	19	16	12	34	28	33	9	29	26	4	297

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	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
NICHIA CORPORATION																	
Patents By Year of Grant:	0	0	0	1	9	10	24	24	21	31	27	46	35	25	44	297	
Patents By Year of Application:	3	6	9	26	26	25	32	31	40	39	21	24	10	5	0	297	
OMNIVISION TECHNOLOGIES INC.																	
Patents By Year of Grant:	10	4	2	8	4	6	9	11	6	10	11	16	57	81	62	297	
Patents By Year of Application:	25	7	9	3	7	24	7	7	28	82	27	31	27	12	1	297	
SONY UNITED KINGDOM LIMITED																	
Patents By Year of Grant:	49	6	7	19	23	24	6	22	20	20	26	21	23	16	15	297	
Patents By Year of Application:	94	40	27	19	29	22	20	15	16	5	6	2	1	1	0	297	
VIASAT, INC.																	
Patents By Year of Grant:	1	1	0	0	3	2	4	6	7	11	13	30	49	75	94	296	
Patents By Year of Application:	6	6	6	3	1	6	9	22	25	53	65	57	15	21	1	296	
LAM RESEARCH CORPORATION																	
Patents By Year of Grant:	41	14	10	13	22	14	26	13	18	13	17	22	25	24	23	295	
Patents By Year of Application:	68	22	18	23	18	23	22	14	19	16	20	22	6	3	1	295	
LINCOLN GLOBAL, INC.																	
Patents By Year of Grant:	8	13	18	17	19	15	21	29	27	18	10	28	11	25	36	295	
Patents By Year of Application:	34	18	24	20	30	42	49	24	11	8	20	14	0	1	0	295	
TELCORDIA TECHNOLOGIES, INC.																	
Patents By Year of Grant:	14	29	23	17	17	20	23	33	9	7	8	15	6	32	42	295	
Patents By Year of Application:	95	24	36	22	5	15	12	14	5	14	30	14	8	1	0	295	
ASML HOLDING N.V.																	
Patents By Year of Grant:	0	0	0	0	2	28	36	52	41	32	29	28	20	12	14	294	
Patents By Year of Application:	1	3	7	23	47	69	47	33	23	21	12	6	1	1	0	294	
FORM FACTOR, INC.																	
Patents By Year of Grant:	5	3	10	13	21	24	20	20	25	21	28	40	31	20	13	294	
Patents By Year of Application:	32	20	25	23	16	25	22	37	24	37	21	9	2	1	0	294	
SIEMENS AUDIOLOGISCHE TECHNIK GMBH																	
Patents By Year of Grant:	21	10	4	7	10	5	7	15	22	17	22	39	30	66	19	294	
Patents By Year of Application:	43	10	7	6	21	34	31	39	71	26	3	1	2	0	0	294	
TELLABS OPERATIONS INC.																	
Patents By Year of Grant:	5	13	9	9	18	14	15	35	24	29	18	22	24	29	30	294	
Patents By Year of Application:	49	27	25	27	18	15	25	22	22	26	18	11	7	1	1	294	

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
SanDisk IL Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	13	17	24	40	71	78	50	293
Patents By Year of Application:	0	0	3	2	7	14	21	32	72	68	33	26	11	4	0	293
TESSERA, INC.																
Patents By Year of Grant:	30	14	28	21	15	13	21	14	16	14	13	16	16	14	48	293
Patents By Year of Application:	77	15	23	23	16	25	20	19	14	5	6	24	22	4	0	293
UT-BATTELLE, LLC																
Patents By Year of Grant:	0	2	12	15	23	21	20	23	19	16	15	28	27	36	36	293
Patents By Year of Application:	30	12	22	20	28	18	23	27	16	22	34	26	9	6	0	293
IMATION CORP.																
Patents By Year of Grant:	59	23	13	11	21	23	15	29	17	15	9	8	9	22	17	291
Patents By Year of Application:	106	20	20	15	20	29	14	14	10	17	10	1	11	4	0	291
SANKYO SEIKI MFG. CO., LTD.																
Patents By Year of Grant:	126	17	26	20	35	30	25	10	1	0	1	0	0	0	0	291
Patents By Year of Application:	171	34	30	31	18	6	1	0	0	0	0	0	0	0	0	291
SIEMENS INFORMATION AND COMMUNICATIONS NETWORKS, INC.																
Patents By Year of Grant:	58	40	48	49	33	57	2	0	2	1	0	0	0	0	0	290
Patents By Year of Application:	240	19	23	5	2	0	1	0	0	0	0	0	0	0	0	290
TELECOM ITALIA S.P.A.																
Patents By Year of Grant:	0	1	1	1	0	4	1	7	6	17	18	29	54	72	79	290
Patents By Year of Application:	4	0	10	23	59	61	57	35	17	16	5	1	2	0	0	290
HANNSTAR DISPLAY CORP.																
Patents By Year of Grant:	0	0	0	3	13	31	26	31	20	31	30	20	29	25	30	289
Patents By Year of Application:	0	0	27	32	28	48	22	37	21	18	25	21	5	5	0	289
QINETIQ LIMITED																
Patents By Year of Grant:	0	0	0	15	24	25	25	34	28	31	23	25	22	22	15	289
Patents By Year of Application:	19	19	31	57	59	38	14	19	17	10	3	3	0	0	0	289
IOMEGA CORPORATION																
Patents By Year of Grant:	97	53	45	19	25	21	7	8	5	3	2	1	0	1	0	287
Patents By Year of Application:	209	30	25	1	11	3	2	4	1	0	0	1	0	0	0	287
MICREL INCORPORATED																
Patents By Year of Grant:	16	4	11	10	17	25	24	31	27	29	27	26	18	10	12	287
Patents By Year of Application:	25	14	23	23	31	33	32	34	24	20	15	6	4	3	0	287

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	54	16	17	13	23	20	10	15	10	17	11	22	17	17	24	286
Patents By Year of Application:	95	11	20	22	12	14	15	13	26	11	12	12	11	11	1	286
O2 MICRO INTERNATIONAL LTD.																
Patents By Year of Grant:	1	1	8	8	8	20	21	26	19	41	43	44	24	17	5	286
Patents By Year of Application:	7	9	18	23	37	33	43	45	23	12	15	15	4	2	0	286
HEIDELBERGER DRUCKMASCHINEN AG																
Patents By Year of Grant:	40	10	5	33	48	34	17	12	14	16	13	8	8	12	14	284
Patents By Year of Application:	72	49	41	33	24	11	12	8	13	5	8	6	2	0	0	284
Teradata US, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	20	28	69	51	68	47	283
Patents By Year of Application:	0	5	17	15	31	29	18	32	49	38	25	16	7	1	0	283
BATTELLE MEMORIAL INSTITUTE																
Patents By Year of Grant:	27	8	9	11	19	23	27	31	18	17	18	16	20	19	19	282
Patents By Year of Application:	54	15	26	33	30	21	23	22	15	11	15	10	6	1	0	282
WALKER DIGITAL, LLC																
Patents By Year of Grant:	0	13	34	22	13	11	11	11	19	18	25	34	31	19	21	282
Patents By Year of Application:	98	34	13	12	8	12	8	36	17	8	11	6	9	9	1	282
BOSE CORPORATION																
Patents By Year of Grant:	21	2	3	2	6	13	6	8	11	18	18	11	39	68	55	281
Patents By Year of Application:	44	5	10	13	13	21	7	16	25	36	28	44	14	5	0	281
ZYGO CORPORATION																
Patents By Year of Grant:	34	7	17	5	17	32	28	27	29	25	23	11	17	7	2	281
Patents By Year of Application:	58	7	21	46	27	25	24	22	21	12	13	4	1	0	0	281
NATIONAL CHIAO TUNG UNIVERSITY																
Patents By Year of Grant:	0	0	0	0	2	4	7	19	15	16	19	25	36	71	66	280
Patents By Year of Application:	0	0	1	8	9	17	23	28	20	46	43	43	29	12	1	280
DEUTSCHE TELEKOM AG																
Patents By Year of Grant:	17	5	22	18	24	15	16	14	21	15	11	17	17	27	40	279
Patents By Year of Application:	100	30	29	17	14	12	7	11	12	20	12	12	3	0	0	279
PMC-SIERRA LTD.																
Patents By Year of Grant:	33	17	10	23	19	15	9	20	22	21	17	22	21	13	16	278
Patents By Year of Application:	80	27	26	22	9	15	12	21	15	16	15	13	6	1	0	278

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
BELL ATLANTIC NETWORK SERVICES, INC.																
Patents By Year of Grant:	185	43	36	9	1	2	1	0	0	0	0	0	0	0	0	277
Patents By Year of Application:	273	4	0	0	0	0	0	0	0	0	0	0	0	0	0	277
OCE PRINTING SYSTEMS GMBH																
Patents By Year of Grant:	23	16	27	13	9	13	11	17	20	28	14	23	15	25	23	277
Patents By Year of Application:	61	26	25	23	42	18	14	16	21	7	8	10	4	2	0	277
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	277	0	0	0	0	0	0	0	0	0	0	0	0	0	0	277
Patents By Year of Application:	277	0	0	0	0	0	0	0	0	0	0	0	0	0	0	277
Western Digital (Fremont), LLC																
Patents By Year of Grant:	0	0	0	0	2	41	26	23	20	15	14	12	17	45	62	277
Patents By Year of Application:	6	11	22	39	11	30	11	11	21	17	34	21	21	19	3	277
COHERENT, INC.																
Patents By Year of Grant:	45	17	9	6	13	13	7	21	20	24	18	26	19	11	27	276
Patents By Year of Application:	77	5	9	15	17	22	13	25	22	24	16	11	15	5	0	276
JAPAN SCIENCE AND TECHNOLOGY AGENCY																
Patents By Year of Grant:	0	0	0	0	0	5	12	27	30	34	39	48	31	33	17	276
Patents By Year of Application:	1	3	3	37	40	47	55	26	25	17	11	6	2	3	0	276
AMERICAN MEGATRENDS, INC.																
Patents By Year of Grant:	0	0	0	0	2	4	7	15	22	20	27	43	51	34	50	275
Patents By Year of Application:	0	3	4	12	35	23	25	40	17	24	32	39	17	4	0	275
Sandisk 3D LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	6	28	20	36	47	43	43	52	275
Patents By Year of Application:	0	0	4	4	11	16	16	38	54	22	41	27	27	13	2	275
NAN YA TECHNOLOGY CORPORATION																
Patents By Year of Grant:	2	5	3	2	4	21	16	22	4	14	19	33	44	34	51	274
Patents By Year of Application:	8	4	2	13	33	15	8	11	28	45	43	19	37	8	0	274
SIEBEL SYSTEMS, INC.																
Patents By Year of Grant:	3	1	7	5	8	14	8	22	29	19	28	57	35	15	23	274
Patents By Year of Application:	17	9	68	70	31	26	16	11	8	9	3	3	3	0	0	274
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.																
Patents By Year of Grant:	20	9	13	15	14	16	17	11	18	14	16	24	23	40	24	274
Patents By Year of Application:	53	17	13	14	16	13	20	23	25	35	31	8	1	4	1	274

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
NORITSU KOKI CO., LTD.																
Patents By Year of Grant:	123	20	15	13	7	7	7	8	19	24	16	12	2	0	0	273
Patents By Year of Application:	169	6	13	17	9	26	21	10	1	0	1	0	0	0	0	273
COMMVAULT SYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	1	2	2	0	5	6	19	24	44	42	55	72	272
Patents By Year of Application:	3	2	7	4	5	12	20	30	17	38	30	50	32	21	1	272
LITE-ON IT CORPORATION																
Patents By Year of Grant:	0	0	0	6	9	16	17	25	34	38	26	24	26	30	21	272
Patents By Year of Application:	0	6	13	20	32	40	51	16	29	25	16	15	6	3	0	272
SILICONWARE PRECISION INDUSTRIES CO., LTD.																
Patents By Year of Grant:	0	1	16	45	49	34	20	16	23	13	9	11	11	8	16	272
Patents By Year of Application:	20	39	56	32	28	24	19	10	10	11	1	9	10	3	0	272
MURATA KIKAI KABUSHIKI KAISHA																
Patents By Year of Grant:	53	11	11	10	14	11	23	29	33	23	19	22	7	3	2	271
Patents By Year of Application:	92	16	27	30	24	21	18	25	15	1	0	1	1	0	0	271
NIPPON STEEL CORP.																
Patents By Year of Grant:	183	16	14	11	8	5	5	5	3	2	0	4	7	5	3	271
Patents By Year of Application:	221	7	4	13	5	6	2	1	2	5	3	2	0	0	0	271
UNITED PARCEL SERVICE OF AMERICA, INC.																
Patents By Year of Grant:	70	2	5	4	6	4	7	10	16	19	25	30	27	19	27	271
Patents By Year of Application:	80	5	16	15	13	26	21	18	19	19	15	8	11	4	1	271
DISNEY ENTERPRISES, INC.																
Patents By Year of Grant:	3	4	4	1	2	4	2	5	11	7	7	22	34	69	95	270
Patents By Year of Application:	11	5	3	5	13	17	13	17	31	55	38	31	20	8	3	270
VERIZON LABORATORIES INC.																
Patents By Year of Grant:	0	0	21	37	40	20	20	29	14	15	13	24	12	14	11	270
Patents By Year of Application:	91	53	20	25	24	12	13	12	4	4	5	3	4	0	0	270
HARMAN INTERNATIONAL INDUSTRIES, INC.																
Patents By Year of Grant:	14	0	5	7	10	11	6	27	15	30	18	19	35	41	31	269
Patents By Year of Application:	28	14	13	26	40	20	26	30	17	18	10	13	11	3	0	269
KONICA MINOLTA HOLDINGS, INC.																
Patents By Year of Grant:	0	0	0	0	0	4	10	25	25	35	29	41	46	36	18	269
Patents By Year of Application:	2	0	1	1	34	51	39	44	43	31	11	7	4	1	0	269

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
MATSUSHITA ELECTRONICS CORPORATION																
Patents By Year of Grant:	138	53	52	18	6	2	0	0	0	0	0	0	0	0	0	269
Patents By Year of Application:	247	15	5	1	1	0	0	0	0	0	0	0	0	0	0	269
FARADAY TECHNOLOGY CORPORATION																
Patents By Year of Grant:	3	2	2	10	14	24	18	37	31	30	23	35	18	12	9	268
Patents By Year of Application:	7	3	17	37	28	37	37	27	24	17	15	9	10	0	0	268
LUTRON ELECTRONICS COMPANY, INC.																
Patents By Year of Grant:	31	5	8	5	5	9	4	16	15	18	28	35	31	35	23	268
Patents By Year of Application:	45	5	9	5	14	15	10	41	38	22	19	33	8	4	0	268
AGFA-GEVAERT N.V.																
Patents By Year of Grant:	128	18	14	20	13	11	8	17	20	6	3	5	2	2	0	267
Patents By Year of Application:	173	19	10	14	20	8	11	8	1	0	0	1	2	0	0	267
CONTINENTAL AUTOMOTIVE GMBH																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	24	54	94	92	267
Patents By Year of Application:	0	1	0	1	1	5	16	31	72	81	46	11	1	1	0	267
MIPS TECHNOLOGIES INC.																
Patents By Year of Grant:	4	1	6	8	8	12	4	25	29	14	40	58	32	22	4	267
Patents By Year of Application:	28	23	38	14	6	14	24	59	26	13	13	5	4	0	0	267
CHI MEI COMMUNICATION SYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	0	1	0	2	4	1	3	6	30	80	104	35	266
Patents By Year of Application:	0	0	0	1	2	6	1	0	31	73	107	35	10	0	0	266
MENTOR GRAPHICS CORPORATION																
Patents By Year of Grant:	24	13	11	5	2	0	7	9	6	4	7	26	39	51	60	264
Patents By Year of Application:	53	4	7	4	11	14	10	9	25	21	38	34	22	11	1	264
TREND MICRO, INC.																
Patents By Year of Grant:	5	1	1	0	0	2	0	2	4	12	18	35	51	60	73	264
Patents By Year of Application:	9	1	1	7	8	17	19	38	47	48	30	10	22	7	0	264
HITACHI METALS LTD.																
Patents By Year of Grant:	80	8	9	7	7	6	11	14	8	12	16	15	27	27	16	263
Patents By Year of Application:	99	8	12	10	9	18	16	20	31	15	14	10	1	0	0	263
JEOL LTD.																
Patents By Year of Grant:	48	14	10	13	16	27	17	21	9	18	15	17	16	11	10	262
Patents By Year of Application:	74	19	16	24	10	19	21	18	20	15	11	6	6	3	0	262

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
HAND-HELD PRODUCTS, INC.																
Patents By Year of Grant:	6	0	0	5	3	5	3	14	16	23	18	26	31	47	57	254
Patents By Year of Application:	11	4	9	11	14	19	14	29	31	12	31	34	24	11	0	254
GENESYS TELECOMMUNICATIONS LABORATORIES, INC.																
Patents By Year of Grant:	28	27	26	31	15	16	8	17	11	11	12	17	14	13	7	253
Patents By Year of Application:	116	25	11	18	12	19	7	10	15	8	8	2	2	0	0	253
ALCATEL USA SOURCING, L.P.																
Patents By Year of Grant:	52	61	60	43	19	5	3	5	0	4	0	0	0	0	0	252
Patents By Year of Application:	222	20	2	2	3	1	2	0	0	0	0	0	0	0	0	252
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS																
Patents By Year of Grant:	22	1	11	10	9	15	16	18	14	13	17	26	24	24	32	252
Patents By Year of Application:	32	8	17	29	40	15	24	25	23	20	9	6	4	0	0	252
LITE-ON TECHNOLOGY CORPORATION																
Patents By Year of Grant:	2	0	0	0	2	23	20	35	19	32	50	39	21	6	3	252
Patents By Year of Application:	3	5	13	21	28	36	38	40	43	19	2	2	2	0	0	252
Siemens Industry, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	66	68	63	53	252
Patents By Year of Application:	0	0	1	2	8	14	15	25	43	38	71	21	11	3	0	252
ROSEMOUNT INC.																
Patents By Year of Grant:	51	8	8	15	20	11	10	11	15	12	15	23	22	19	11	251
Patents By Year of Application:	87	16	11	10	15	17	19	24	21	11	11	8	1	0	0	251
COGNEX CORPORATION																
Patents By Year of Grant:	61	26	27	18	13	23	8	12	3	1	0	2	9	25	22	250
Patents By Year of Application:	134	34	11	3	13	12	0	8	11	8	6	7	1	2	0	250
Marvell Israel (MISL) Ltd.																
Patents By Year of Grant:	0	0	0	0	1	3	6	10	11	19	17	40	43	43	56	249
Patents By Year of Application:	3	1	1	10	14	24	16	22	19	40	33	35	19	11	1	249
SIRF TECHNOLOGY, INC.																
Patents By Year of Grant:	3	3	7	14	22	19	16	28	19	20	19	42	30	7	0	249
Patents By Year of Application:	17	19	35	44	23	25	21	28	23	9	3	1	1	0	0	249
ZF FRIEDRICHSHAFEN, AG																
Patents By Year of Grant:	10	3	15	15	16	9	5	10	6	10	13	22	22	46	47	249
Patents By Year of Application:	26	10	24	13	11	13	15	19	33	36	27	17	5	0	0	249

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
SONY DEUTSCHLAND GMBH																
Patents By Year of Grant:	2	0	0	0	0	0	0	12	31	23	28	52	41	34	25	248
Patents By Year of Application:	2	15	17	26	18	30	42	22	30	23	6	9	6	2	0	248
VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES, INC.																
Patents By Year of Grant:	1	4	4	9	11	14	5	12	14	29	31	38	24	22	30	248
Patents By Year of Application:	17	11	12	13	3	11	26	39	35	22	18	23	13	4	1	248
INVENSYS SYSTEMS, INC.																
Patents By Year of Grant:	0	0	1	2	5	21	11	24	16	14	24	35	34	28	31	246
Patents By Year of Application:	17	8	21	21	12	18	22	28	28	16	14	24	10	7	0	246
SCIENCE APPLICATIONS INTERNATIONAL CORPORATION																
Patents By Year of Grant:	25	8	6	8	15	22	18	30	23	29	16	13	15	6	12	246
Patents By Year of Application:	48	20	25	14	19	22	25	35	20	3	6	6	2	1	0	246
INFINEON TECHNOLOGIES AUSTRIA AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	1	5	15	43	56	59	65	245
Patents By Year of Application:	0	0	0	0	0	0	3	26	48	65	33	29	27	14	0	245
UNITED VIDEO PROPERTIES, INC.																
Patents By Year of Grant:	1	11	10	11	14	15	7	8	8	5	14	20	29	38	54	245
Patents By Year of Application:	58	9	11	12	20	8	10	12	21	13	24	24	18	4	1	245
BELL COMMUNICATIONS RESEARCH, INC.																
Patents By Year of Grant:	243	1	0	0	0	0	0	0	0	0	0	0	0	0	0	244
Patents By Year of Application:	244	0	0	0	0	0	0	0	0	0	0	0	0	0	0	244
BULL S.A.																
Patents By Year of Grant:	120	15	19	21	8	9	6	14	6	6	8	2	6	2	2	244
Patents By Year of Application:	178	20	15	9	6	3	3	2	3	2	2	0	1	0	0	244
CHRYSLER MOTORS CORPORATION																
Patents By Year of Grant:	207	28	7	2	0	0	0	0	0	0	0	0	0	0	0	244
Patents By Year of Application:	242	2	0	0	0	0	0	0	0	0	0	0	0	0	0	244
CONTINENTAL TEVES AG & CO., OHG																
Patents By Year of Grant:	0	3	22	23	19	16	8	7	11	6	4	8	20	39	58	244
Patents By Year of Application:	29	21	23	24	17	14	17	16	28	40	8	5	2	0	0	244
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	0	0	0	3	7	11	22	19	19	13	26	32	35	33	24	244
Patents By Year of Application:	0	6	10	27	32	22	24	28	43	25	19	3	5	0	0	244

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
CORNELL RESEARCH FOUNDATION INC.																
Patents By Year of Grant:	69	6	9	7	15	8	11	12	19	14	21	20	9	9	4	233
Patents By Year of Application:	91	11	16	13	15	12	17	29	16	3	5	3	1	1	0	233
NELLCOR PURITAN BENNETT INCORPORATED																
Patents By Year of Grant:	38	10	2	5	3	11	2	13	15	22	13	30	26	43	0	233
Patents By Year of Application:	55	3	7	8	9	24	24	70	11	6	11	5	0	0	0	233
PHONAK AG																
Patents By Year of Grant:	3	1	2	4	8	17	9	19	20	22	20	24	33	19	32	233
Patents By Year of Application:	20	15	16	16	15	37	23	40	27	10	6	7	1	0	0	233
ATT WIRELESS SERVICES INC																
Patents By Year of Grant:	55	18	23	42	37	42	8	6	0	0	1	0	0	0	0	232
Patents By Year of Application:	146	41	17	26	2	0	0	0	0	0	0	0	0	0	0	232
EBARA CORPORATION																
Patents By Year of Grant:	45	9	11	12	14	14	16	23	19	18	9	11	15	7	9	232
Patents By Year of Application:	63	24	19	13	22	17	15	14	18	13	6	3	3	2	0	232
TOSHIBA MATSUSHITA DISPLAY TECHNOLOGY CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	16	25	37	55	41	45	13	0	232
Patents By Year of Application:	0	0	3	5	6	40	51	52	37	26	10	2	0	0	0	232
MINDSPEED TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	1	4	44	30	52	24	17	17	19	11	7	5	231
Patents By Year of Application:	12	39	37	39	18	23	26	13	8	3	7	4	2	0	0	231
Toyota Motor Engineering & Manufacturing North America, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	2	3	6	12	25	42	65	76	231
Patents By Year of Application:	0	0	0	0	2	2	7	19	27	39	53	52	22	8	0	231
ANRITSU CORPORATION																
Patents By Year of Grant:	36	10	6	11	19	22	17	11	10	15	16	9	13	16	19	230
Patents By Year of Application:	56	13	35	17	15	10	20	11	16	10	4	14	5	4	0	230
HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH																
Patents By Year of Grant:	0	0	0	0	0	3	5	15	26	21	15	31	33	39	42	230
Patents By Year of Application:	5	5	18	14	12	35	31	24	31	25	10	11	6	3	0	230
Airbus Operations S.A.S.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	17	97	114	229
Patents By Year of Application:	0	0	0	1	0	0	4	13	42	54	57	40	16	2	0	229

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
NHK SPRING CO., LTD.																
Patents By Year of Grant:	24	6	9	4	13	15	15	16	7	9	8	19	15	44	25	229
Patents By Year of Application:	40	3	24	21	12	14	5	23	12	18	16	24	11	6	0	229
AIRBUS FRANCE																
Patents By Year of Grant:	0	0	0	0	10	7	15	20	30	29	21	49	43	4	0	228
Patents By Year of Application:	0	0	7	22	39	30	37	34	42	14	3	0	0	0	0	228
CITIZEN ELECTRONICS CO., LTD.																
Patents By Year of Grant:	3	6	5	7	9	26	14	23	26	12	29	30	12	15	11	228
Patents By Year of Application:	14	5	15	29	26	24	20	29	21	19	16	5	2	3	0	228
RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK																
Patents By Year of Grant:	53	10	7	9	9	11	9	10	7	12	18	14	21	17	21	228
Patents By Year of Application:	78	13	18	13	16	6	9	17	18	11	11	6	11	1	0	228
NTT MOBILE COMMUNICATIONS NETWORK INC.																
Patents By Year of Grant:	122	33	18	11	14	10	7	1	3	5	2	0	0	1	0	227
Patents By Year of Application:	205	9	1	3	1	1	1	4	1	0	1	0	0	0	0	227
General Motors LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	36	48	64	78	226
Patents By Year of Application:	0	0	1	3	7	15	22	42	25	30	30	33	16	2	0	226
INFINERA CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	2	1	35	14	14	29	23	24	47	37	226
Patents By Year of Application:	0	0	0	14	4	25	24	29	42	29	36	17	6	0	0	226
READ-RITE CORPORATION																
Patents By Year of Grant:	89	26	44	50	15	0	1	0	0	0	0	0	0	0	0	225
Patents By Year of Application:	194	16	10	5	0	0	0	0	0	0	0	0	0	0	0	225
COCHLEAR LIMITED																
Patents By Year of Grant:	7	1	3	5	2	6	2	4	9	12	15	18	35	37	68	224
Patents By Year of Application:	15	5	16	11	11	23	16	24	13	30	28	15	14	3	0	224
KYOCERA WIRELESS CORP.																
Patents By Year of Grant:	0	0	0	1	1	22	31	47	43	36	34	9	0	0	0	224
Patents By Year of Application:	0	0	30	48	41	36	45	20	4	0	0	0	0	0	0	224
Nokia Siemens Networks GmbH & Co. KG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	15	33	37	43	64	31	224
Patents By Year of Application:	0	5	11	12	13	26	35	39	60	12	7	1	2	1	0	224

---- Organizational Patenting (Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
E INK CORPORATION																	
Patents By Year of Grant:	0	4	10	8	12	17	12	23	23	15	15	26	21	16	21	223	
Patents By Year of Application:	28	15	8	20	18	25	17	23	22	15	11	11	9	1	0	223	
FAIRCHILD KOREA SEMICONDUCTOR, LTD.																	
Patents By Year of Grant:	0	6	17	10	13	6	12	10	9	8	16	34	24	35	23	223	
Patents By Year of Application:	21	15	10	13	15	12	11	14	28	29	24	18	9	4	0	223	
CELLCO PARTNERSHIP																	
Patents By Year of Grant:	0	1	8	2	4	4	4	11	9	6	9	13	20	60	71	222	
Patents By Year of Application:	12	13	4	10	7	8	5	13	26	17	32	30	30	15	0	222	
FUJITSU COMPONENT LIMITED																	
Patents By Year of Grant:	0	0	0	1	0	3	7	11	14	16	34	30	34	38	34	222	
Patents By Year of Application:	0	1	2	7	15	30	27	28	22	34	29	17	5	5	0	222	
VISA U.S.A., INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	2	7	2	8	11	37	37	44	74	222	
Patents By Year of Application:	0	0	1	6	14	7	9	14	53	46	26	18	12	15	1	222	
Carestream Health, Inc.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	8	28	40	38	34	31	42	221	
Patents By Year of Application:	0	1	0	0	8	21	31	39	21	31	27	22	13	7	0	221	
VERIZON SERVICES CORP.																	
Patents By Year of Grant:	0	0	0	10	13	19	13	20	14	13	18	35	23	22	21	221	
Patents By Year of Application:	36	19	21	15	15	12	30	39	10	7	6	8	3	0	0	221	
MAZDA MOTOR CORPORATION																	
Patents By Year of Grant:	110	10	13	5	7	7	6	11	4	8	4	9	12	8	6	220	
Patents By Year of Application:	131	6	15	7	10	2	5	13	9	8	8	5	0	1	0	220	
OLYMPUS MEDICAL SYSTEMS CORP.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	2	8	21	43	77	68	220	
Patents By Year of Application:	0	0	0	0	0	0	2	24	25	53	40	21	30	24	1	220	
TELECOMMUNICATION SYSTEMS, INC.																	
Patents By Year of Grant:	0	0	0	1	3	5	7	11	6	12	14	24	43	57	37	220	
Patents By Year of Application:	1	14	17	6	13	8	13	31	23	22	21	17	20	14	0	220	
ASIA OPTICAL CO., INC.																	
Patents By Year of Grant:	2	0	1	2	1	3	6	21	31	31	40	32	20	18	11	219	
Patents By Year of Application:	2	1	3	4	2	29	36	32	44	25	19	10	9	3	0	219	

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
HITACHI KOKI COMPANY, LIMITED																
Patents By Year of Grant:	85	12	14	17	13	6	8	5	2	11	7	12	11	9	6	218
Patents By Year of Application:	103	22	16	9	10	5	8	13	12	9	5	4	1	1	0	218
ALCATEL CANADA, INC.																
Patents By Year of Grant:	1	0	14	32	38	31	15	41	35	10	0	0	0	0	0	217
Patents By Year of Application:	105	23	36	48	2	1	1	1	0	0	0	0	0	0	0	217
AT& T Intellectual Property, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	39	171	3	2	1	0	0	216
Patents By Year of Application:	1	12	24	44	44	26	25	31	9	0	0	0	0	0	0	216
EXXONMOBIL UPSTREAM RESEARCH COMPANY																
Patents By Year of Grant:	0	5	4	12	10	12	7	7	7	13	13	22	18	38	48	216
Patents By Year of Application:	8	14	11	18	11	16	20	23	24	21	26	11	10	3	0	216
INSTITUTE FOR INFORMATION INDUSTRY																
Patents By Year of Grant:	1	2	1	14	5	5	8	6	15	10	6	16	28	42	57	216
Patents By Year of Application:	17	9	10	3	10	18	5	16	34	23	42	22	6	1	0	216
PARADYNE CORPORATION																
Patents By Year of Grant:	69	28	21	10	15	15	13	22	8	5	2	2	5	1	0	216
Patents By Year of Application:	149	24	14	4	9	5	6	3	0	0	1	1	0	0	0	216
AVANEX CORPORATION																
Patents By Year of Grant:	0	1	14	22	24	47	39	22	29	11	5	1	0	0	0	215
Patents By Year of Application:	19	30	33	61	38	19	11	2	2	0	0	0	0	0	0	215
NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY																
Patents By Year of Grant:	0	0	0	0	0	6	12	26	31	27	28	23	29	18	15	215
Patents By Year of Application:	0	3	6	27	40	40	37	27	10	13	6	5	1	0	0	215
CHAMBERLAIN GROUP, INC.																
Patents By Year of Grant:	14	12	9	9	5	21	15	25	20	16	15	11	10	17	15	214
Patents By Year of Application:	34	17	18	24	29	27	19	13	5	13	3	11	0	1	0	214
DONGBU ELECTRONICS CO., LTD.																
Patents By Year of Grant:	0	0	2	3	3	5	5	13	36	38	47	44	15	3	0	214
Patents By Year of Application:	0	5	2	4	16	40	49	51	10	18	18	1	0	0	0	214
GOLDMAN, SACHS & CO.																
Patents By Year of Grant:	0	0	0	0	2	2	4	7	16	20	11	22	37	40	53	214
Patents By Year of Application:	2	9	43	21	20	9	13	6	20	12	10	16	26	7	0	214

ELECTRICAL CLASSES

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	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
KABUSHIKI KAISHA KENWOOD																
Patents By Year of Grant:	52	5	6	6	14	19	9	11	11	9	8	21	4	22	17	214
Patents By Year of Application:	74	30	20	15	3	17	15	4	7	14	9	4	2	0	0	214
VARIAN MEDICAL SYSTEMS, INC.																
Patents By Year of Grant:	3	9	6	16	9	12	6	5	1	3	18	34	24	38	30	214
Patents By Year of Application:	22	16	15	9	12	5	12	19	21	34	20	23	4	2	0	214
ACCENTURE GLOBAL SERVICES GMBH																
Patents By Year of Grant:	0	0	0	0	1	4	2	19	19	36	35	68	12	8	9	213
Patents By Year of Application:	7	1	29	41	31	23	22	29	13	10	4	2	1	0	0	213
AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH																
Patents By Year of Grant:	0	0	0	0	0	2	10	13	22	18	12	25	35	48	28	213
Patents By Year of Application:	0	1	5	17	27	43	31	28	30	21	4	0	4	2	0	213
CREATIVE TECHNOLOGY LIMITED																
Patents By Year of Grant:	17	12	15	15	9	9	14	10	18	9	9	10	14	27	25	213
Patents By Year of Application:	69	23	7	7	14	19	14	14	17	14	8	6	1	0	0	213
Innocom Technology (Shenzhen) Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	6	16	17	47	61	36	30	213
Patents By Year of Application:	0	0	0	0	0	3	7	30	70	67	15	16	4	1	0	213
SALESFORCE.COM, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	5	17	15	49	125	212
Patents By Year of Application:	0	0	3	0	3	9	2	10	19	15	22	57	46	26	0	212
ELECTRONICS FOR IMAGING, INC.																
Patents By Year of Grant:	14	9	25	15	10	10	12	15	21	15	18	22	12	7	6	211
Patents By Year of Application:	67	17	21	7	17	23	7	14	21	9	0	3	2	3	0	211
NEXTEL COMMUNICATIONS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	5	6	15	18	52	57	41	17	211
Patents By Year of Application:	0	0	0	0	0	11	68	71	33	13	9	1	4	1	0	211
AXCELIS TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	15	4	19	20	19	26	8	19	23	17	17	14	9	210
Patents By Year of Application:	17	11	11	10	26	30	23	26	16	17	9	8	5	1	0	210
CTS CORPORATION																
Patents By Year of Grant:	49	23	30	20	19	9	12	7	4	4	7	10	7	5	4	210
Patents By Year of Application:	102	20	19	15	9	8	3	9	6	7	7	5	0	0	0	210

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
TEXAS INSTRUMENTS DEUTSCHLAND GMBH																
Patents By Year of Grant:	51	4	9	8	2	4	7	3	3	14	16	23	21	19	26	210
Patents By Year of Application:	60	9	6	5	6	2	11	16	18	30	19	15	12	1	0	210
AMERICAN POWER CONVERSION CORPORATION																
Patents By Year of Grant:	3	0	2	8	3	5	10	16	12	28	22	23	38	32	7	209
Patents By Year of Application:	7	3	12	16	17	29	18	21	17	19	27	16	6	1	0	209
SIEMENS COMMUNICATIONS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	26	69	42	28	35	9	0	0	0	209
Patents By Year of Application:	20	20	39	50	42	22	11	5	0	0	0	0	0	0	0	209
GENERAL HOSPITAL CORPORATION																
Patents By Year of Grant:	15	3	3	2	11	5	6	5	8	15	16	28	45	27	18	207
Patents By Year of Application:	23	10	11	8	7	18	15	21	29	24	19	13	7	2	0	207
SBC PROPERTIES, L.P.																
Patents By Year of Grant:	0	0	0	0	13	41	39	54	44	13	2	1	0	0	0	207
Patents By Year of Application:	16	18	22	57	46	24	19	2	3	0	0	0	0	0	0	207
The Nielsen Company (U.S.), L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	11	37	27	56	75	207
Patents By Year of Application:	1	0	2	5	4	3	6	29	22	42	36	27	18	12	0	207
UNIVERSITY OF SOUTHERN CALIFORNIA																
Patents By Year of Grant:	25	2	2	9	9	9	6	10	12	11	15	17	13	39	28	207
Patents By Year of Application:	32	12	15	17	14	6	22	11	18	24	16	8	9	2	1	207
SILICON INTEGRATED SYSTEMS CORP.																
Patents By Year of Grant:	10	5	13	22	26	22	24	28	23	9	6	0	3	6	9	206
Patents By Year of Application:	35	22	31	42	37	5	10	6	1	2	7	6	2	0	0	206
POLYCOM, INC.																
Patents By Year of Grant:	7	2	0	3	7	6	11	17	13	9	15	23	25	35	32	205
Patents By Year of Application:	19	6	12	15	27	10	27	25	13	11	14	17	7	2	0	205
VANGUARD INTERNATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	45	40	36	16	11	6	6	8	1	1	3	8	11	8	5	205
Patents By Year of Application:	113	30	13	3	4	4	2	3	5	5	14	4	5	0	0	205
CHI MEI OPTOELECTRONICS CORP.																
Patents By Year of Grant:	0	1	1	10	7	26	20	30	28	17	39	20	5	0	0	204
Patents By Year of Application:	4	9	14	41	37	18	39	21	14	7	0	0	0	0	0	204

(Granted: Jan 01, 1994 - Dec 31, 2013) ---- Ranked List of Organizations with 200 or More Patents ----

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	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
NORTHROP GRUMMAN SYSTEMS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	7	9	48	48	39	49	200
Patents By Year of Application:	0	0	1	2	5	1	10	20	54	33	24	26	17	7	0	200
WESTERN ATLAS INTERNATIONAL, INC.																
Patents By Year of Grant:	159	34	5	0	1	0	0	1	0	0	0	0	0	0	0	200
Patents By Year of Application:	198	0	1	1	0	0	0	0	0	0	0	0	0	0	0	200
Other Organizations (72560)																
Patents By Year of Grant:	67122	14652	15683	16722	17774	19188	17672	22761	20537	20925	22184	28720	30782	38114	44379	397215
Patents By Year of Application:	108634	21967	24624	24698	23870	24202	25056	26690	27665	26064	23357	20154	13338	6230	666	397215