

# TECHNOLOGY ASSESSMENT AND FORECAST REPORT

## ELECTRICAL CLASSES

1977 - December 2009



April 2010  
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 **1977** and **December 2009** 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 1996**" column, correspond to selected patents \* in the data base which were granted during the period **1977 to 1995**.

#### **Part B**

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

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

Since the average time period between filing for a patent and the issuing of the patent (i.e., a patent's "pendency") is now about 35 months, the patented application data for applications filed from **2001 to DECEMBER 2009** are incomplete.\*\* This is because a significant number of the applications filed from **2001 to DECEMBER 2009**, which will ultimately become patents, were still pending in **DECEMBER 2009**. Since they had not yet become patents at the time this report was prepared, they were not included in this report.

Patented application data are of significant value since the date an application was filed more accurately reflects when the technology was developed. Additionally, fluctuations in data based on application date are much more likely to reflect changes in technological activity, since such fluctuations would for the most part be immune from changes in PTO processing such as occurred in 1986 when the PTO issued fewer patents than would normally have been expected due to a lack of funds to print patents; in 2005, PTO also issued fewer patents than would have normally been

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

"Patents Granted By Date of Patent Application", as shown in the "**Pre 1996**" column, correspond to patent grants in the report which were filed prior to **1996**.

### Parts of the Report

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

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

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

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

\*\* As of 12/31/2009, utility patent application data were approximately 99% complete for patent applications filed in 2000, 94% complete for applications filed in 2001, 92% complete for applications filed in 2002, 83% complete for applications filed in 2003, 70% complete for applications filed in 2004, 52% complete for applications filed in 2005, 32% complete for applications filed in 2006 and 15% complete for applications filed in 2007. They were essentially complete for applications filed prior to 2000.

CHEMICAL, ELECTRICAL, MECHANICAL CLASSES

DECEMBER 2009

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 2009  
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, 1977 - Dec 31, 2009)															
	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
Total	369765	36356	36163	53516	54444	56386	60321	64068	67830	73131	67030	88428	80760	84392	91634	1284224
U.S. Origin	187487	18437	18436	27276	28241	29498	31392	32430	34234	36870	33879	44838	39664	40520	43942	647144
Foreign Origin	182278	17919	17727	26240	26203	26888	28929	31638	33596	36261	33151	43590	41096	43872	47692	637080
JAPAN	107510	11469	11088	15909	15362	15213	15979	17312	18234	19186	17136	22155	19820	20351	21947	348671
GERMANY	21527	1273	1278	1895	1949	2274	2656	2897	3188	3342	3080	3684	3487	3561	3719	59810
KOREA, SOUTH	2404	834	1039	1900	2076	1939	1989	2004	2163	2564	2608	3797	4145	5180	5969	40611
TAIWAN	1717	427	513	907	989	1194	1362	1819	1959	2387	2294	3175	3411	3642	3973	29769
UNITED KINGDOM	10651	706	679	1023	1070	1094	1224	1293	1279	1405	1360	1647	1499	1486	1619	28035
FRANCE	11579	827	775	1037	1046	1055	1073	1196	1152	1200	1106	1396	1224	1325	1316	27307
CANADA	5045	521	525	771	856	934	1007	1030	1087	1298	1140	1556	1538	1678	1852	20838
NETHERLANDS	5153	357	299	525	484	463	487	562	565	579	446	755	697	770	717	12859
SWEDEN	2380	265	247	337	458	547	595	633	556	490	463	548	417	422	453	8811
ISRAEL	1055	194	220	343	333	375	461	508	633	617	578	783	732	772	932	8536
SWITZERLAND	3881	197	183	240	239	239	254	286	302	362	305	370	339	382	443	8022
ITALY	2619	239	238	346	288	363	426	433	435	396	364	464	397	431	434	7873
FINLAND	728	131	128	235	268	269	326	407	474	529	433	642	633	583	613	6399
AUSTRALIA	967	62	70	119	105	133	134	164	217	292	260	462	477	431	422	4315
CHINA, PEOPLE'S REPUB	102	10	15	18	19	15	34	72	82	158	156	304	419	752	1001	3157
AUSTRIA	777	39	52	56	74	99	100	106	154	155	154	220	159	187	204	2536
BELGIUM	696	85	80	134	99	120	117	111	126	152	141	170	159	156	174	2520
SINGAPORE	89	44	40	53	64	89	110	172	198	250	184	235	230	252	260	2270
INDIA	30	9	10	11	9	16	35	46	91	115	163	221	307	403	444	1910
DENMARK	418	23	24	32	65	59	67	78	110	118	102	148	132	130	146	1652
CHINA,HONG KONG S.A.R	262	24	32	62	62	69	80	76	93	132	126	137	136	132	139	1562
NORWAY	288	22	16	31	37	38	40	51	55	66	72	85	104	127	99	1131
IRELAND	170	27	32	27	26	43	68	66	81	103	73	103	98	102	107	1126
RUSSIAN FEDERATION	43	24	29	53	68	58	80	68	86	67	63	82	81	94	100	996
SPAIN	165	21	27	35	21	40	39	45	42	59	66	84	82	111	117	954
U.S.S.R.	807	3	1	1	1	1										814
MALAYSIA	20	1	8	4	13	16	14	18	19	31	48	73	108	109	113	595
NEW ZEALAND	100	9	13	32	19	26	28	29	30	24	31	36	33	34	49	493
SOUTH AFRICA	189	21	16	20	11	17	19	20	16	20	18	21	12	23	17	440
HUNGARY	182	2	4	12	10	5	13	8	31	10	17	18	19	24	23	378
BRAZIL	58	7	6	11	11	8	14	17	17	20	15	18	20	24	35	281
MEXICO	69	2	4	4	11	11	11	13	20	26	29	22	19	12	14	267
POLAND	45	2		3	2	1	3	3	2	6	9	12	14	22	19	143
CZECH REPUBLIC		1	2	4	4	6	5	13	15	9	11	11	16	26	18	141
BULGARIA	72							1	1	1	2	3	3	14	36	133
ARGENTINA	60	1	2	4	2	7	3	3	3	6		9	10	1	13	124
Others ( 92 )	420	40	32	46	52	52	76	78	80	86	98	144	119	123	155	1601
Ownership:																
U.S. Corporations	165881	16930	17070	25595	26460	27451	29394	30152	31796	34493	31927	42090	37248	38939	42275	597701
U.S. Government	7853	387	321	367	326	348	334	330	311	293	279	324	307	251	268	12299
U.S. Individuals	25208	2024	1992	2611	2567	2630	2526	2442	2436	2463	2176	2962	2504	2401	2505	59447
Foreign Corporations	157952	16241	15964	23774	24064	24892	26950	29895	32093	34756	31606	41778	39558	41816	45370	586709
Foreign Government	2145	77	81	78	48	31	21	40	29	23	25	21	36	14	38	2707
Foreign Individuals	10726	697	735	1091	979	1034	1096	1209	1165	1103	1017	1253	1107	971	1178	25361

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2009) ----																
----- PERCENT OF PATENTS -----																
	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	51	51	51	51	52	52	52	51	50	50	51	51	49	48	48	50
Foreign Origin	49	49	49	49	48	48	48	49	50	50	49	49	51	52	52	50
JAPAN	29	32	31	30	28	27	26	27	27	26	26	25	25	24	24	27
GERMANY	6	4	4	4	4	4	4	5	5	5	5	4	4	4	4	5
KOREA, SOUTH	1	2	3	4	4	3	3	3	3	4	4	4	5	6	7	3
TAIWAN		1	1	2	2	2	2	3	3	3	3	4	4	4	4	2
UNITED KINGDOM	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
FRANCE	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
CANADA	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
NETHERLANDS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SWEDEN	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1
ISRAEL		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SWITZERLAND	1	1	1													1
ITALY	1	1	1	1	1	1	1	1	1	1	1	1		1		1
FINLAND							1	1	1	1	1	1	1	1	1	0
AUSTRALIA												1	1	1		0
CHINA, PEOPLE'S REPUB													1	1	1	0
AUSTRIA																0
BELGIUM																0
SINGAPORE																0
INDIA																0
DENMARK																0
CHINA,HONG KONG S.A.R																0
NORWAY																0
IRELAND																0
RUSSIAN FEDERATION																0
SPAIN																0
U.S.S.R.																0
MALAYSIA																0
NEW ZEALAND																0
SOUTH AFRICA																0
HUNGARY																0
BRAZIL																0
MEXICO																0
POLAND																0
CZECH REPUBLIC																0
BULGARIA																0
ARGENTINA																0
Others ( 92 )																0
Ownership:																
U.S. Corporations	45	47	47	48	49	49	49	47	47	47	48	48	46	46	46	47
U.S. Government	2	1	1	1	1	1	1	1	1							1
U.S. Individuals	7	6	6	5	5	5	4	4	4	3	3	3	3	3	3	5
Foreign Corporations	43	45	44	44	44	44	45	47	47	48	47	47	49	50	50	46
Foreign Government	1															0
Foreign Individuals	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2

## Part A2

Patent Grants as Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2009) ----																
NUMBER OF PATENTED APPLICATIONS																
	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
Total	458535	54241	65541	66886	72870	81736	87851	87570	84782	80194	68565	47020	22780	5446	207	1284224
U.S. Origin	233443	28044	34185	35582	38870	43044	44388	43457	41173	38019	32205	21776	10404	2454	100	647144
Foreign Origin	225092	26197	31356	31304	34000	38692	43463	44113	43609	42175	36360	25244	12376	2992	107	637080
JAPAN	134948	15702	18383	17178	17783	20378	22613	21302	21272	20266	18699	12284	6246	1566	51	348671
GERMANY	24452	1852	2272	2555	3212	3740	4138	4813	4001	3580	2579	1725	732	155	4	59810
KOREA, SOUTH	4483	2052	2340	2548	2164	2458	2813	3299	4127	5047	4346	3232	1428	254	20	40611
TAIWAN	2583	831	1032	1258	1631	1630	2235	2925	3308	3755	3508	2975	1687	398	13	29769
UNITED KINGDOM	12505	1043	1368	1383	1572	1723	1973	1957	1580	1221	837	548	243	82		28035
FRANCE	13493	1036	1187	1205	1416	1597	1548	1660	1492	1112	807	490	227	36	1	27307
CANADA	6318	831	1117	1259	1296	1460	1512	1583	1568	1454	1142	827	380	86	5	20838
NETHERLANDS	5967	537	577	535	552	620	807	850	803	882	406	226	78	19		12859
SWEDEN	2995	357	692	708	735	769	689	563	480	352	251	153	56	11		8811
ISRAEL	1599	321	430	498	736	768	892	851	688	578	563	372	179	61		8536
SWITZERLAND	4318	229	265	261	364	364	432	458	403	324	250	199	102	53		8022
ITALY	3167	315	369	386	424	470	580	551	522	385	320	239	116	29		7873
FINLAND	1028	329	363	351	595	755	833	643	558	463	278	148	36	19		6399
AUSTRALIA	1144	123	134	223	222	374	332	431	404	423	273	110	95	26	1	4315
CHINA, PEOPLE'S REPUB	128	13	26	23	44	121	188	269	335	463	579	637	250	79	2	3157
AUSTRIA	880	68	77	94	147	136	190	231	213	190	135	111	57	7		2536
BELGIUM	888	134	128	151	158	158	156	171	215	157	110	67	22	5		2520
SINGAPORE	189	55	91	129	154	210	270	266	242	221	206	149	70	18		2270
INDIA	52	12	12	20	77	117	159	239	330	304	289	189	87	23		1910
DENMARK	475	40	69	73	132	109	190	200	127	102	67	45	18	5		1652
CHINA,HONG KONG S.A.R	332	51	75	65	82	101	161	140	154	143	98	102	49	7	2	1562
NORWAY	335	24	44	45	65	84	89	101	108	79	72	59	23	3		1131
IRELAND	234	29	44	68	70	115	105	127	85	87	82	37	32	11		1126
RUSSIAN FEDERATION	108	47	71	74	87	110	114	68	103	76	55	48	24	5	6	996
SPAIN	221	35	28	32	58	62	91	86	100	83	77	45	28	7	1	954
U.S.S.R.	812		1	1												814
MALAYSIA	30	2	20	9	24	22	30	37	85	117	101	73	33	12		595
NEW ZEALAND	133	28	23	28	29	40	48	47	43	30	20	14	10			493
SOUTH AFRICA	235	16	19	15	19	25	28	21	18	16	15	8	5			440
HUNGARY	193	8	12	11	20	19	27	28	18	17	19	2	2	2		378
BRAZIL	76	9	9	10	17	16	20	26	35	25	14	15	7	2		281
MEXICO	77	6	11	14	20	22	34	20	23	14	14	11	1			267
POLAND	47	3	1	4	4	6	9	15	15	13	15	9	1	1		143
CZECH REPUBLIC	3	4	4	6	9	12	19	15	11	17	14	15	12			141
BULGARIA	72				1	1	1	2	7	36	8	5				133
ARGENTINA	64	4	3	5	5	1	5	6	6	10	7	4	3	1		124
Others ( 92 )	508	51	59	79	76	99	132	112	130	133	104	71	37	9	1	1601
Ownership:																
U.S. Corporations	208451	26444	32159	33275	36273	40017	41832	41366	38951	35666	30522	20509	9700	2454	82	597701
U.S. Government	8714	316	360	376	314	348	335	332	311	295	299	183	98	17	1	12299
U.S. Individuals	29987	2477	2818	2621	2890	3172	2884	2822	2678	2425	2116	1576	786	177	18	59447
Foreign Corporations	196755	23930	29018	29540	32110	36797	41240	41542	41460	40758	34767	24125	11842	2721	104	586709
Foreign Government	2304	82	49	36	32	35	32	34	37	32	15	7	10	2		2707
Foreign Individuals	12324	992	1137	1038	1251	1367	1528	1474	1345	1018	846	620	344	75	2	25361

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2009) ----																
PERCENT OF PATENTED APPLICATIONS																
	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	51	52	52	53	53	53	51	50	49	47	47	46	46	45	48	50
Foreign Origin	49	48	48	47	47	47	49	50	51	53	53	54	54	55	52	50
JAPAN	29	29	28	26	24	25	26	24	25	25	27	26	27	29	25	27
GERMANY	5	3	3	4	4	5	5	5	5	4	4	4	3	3	2	5
KOREA, SOUTH	1	4	4	4	3	3	3	4	5	6	6	7	6	5	10	3
TAIWAN	1	2	2	2	2	2	3	3	4	5	5	6	7	7	6	2
UNITED KINGDOM	3	2	2	2	2	2	2	2	2	2	1	1	1	2		2
FRANCE	3	2	2	2	2	2	2	2	2	1	1	1	1	1		2
CANADA	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
NETHERLANDS	1	1	1	1	1	1	1	1	1	1	1					1
SWEDEN	1	1	1	1	1	1	1	1	1							1
ISRAEL		1	1	1	1	1	1	1	1	1	1	1	1	1		1
SWITZERLAND	1							1						1		1
ITALY	1	1	1	1	1	1	1	1	1			1	1	1		1
FINLAND		1	1	1	1	1	1	1	1	1						0
AUSTRALIA										1						0
CHINA, PEOPLE'S REPUB										1	1	1	1	1	1	0
AUSTRIA																0
BELGIUM																0
SINGAPORE																0
INDIA																0
DENMARK																0
CHINA,HONG KONG S.A.R															1	0
NORWAY																0
IRELAND																0
RUSSIAN FEDERATION															3	0
SPAIN																0
U.S.S.R.																0
MALAYSIA																0
NEW ZEALAND																0
SOUTH AFRICA																0
HUNGARY																0
BRAZIL																0
MEXICO																0
POLAND																0
CZECH REPUBLIC																0
BULGARIA																0
ARGENTINA																0
Others ( 92 )																0
Ownership:																
U.S. Corporations	45	49	49	50	50	49	48	47	46	44	45	44	43	45	40	47
U.S. Government	2	1	1	1												1
U.S. Individuals	7	5	4	4	4	4	3	3	3	3	3	3	3	3	9	5
Foreign Corporations	43	44	44	44	44	45	47	47	49	51	51	51	52	50	50	46
Foreign Government	1															0
Foreign Individuals	3	2	2	2	2	2	2	2	2	1	1	1	2	1	1	2

Part B

Ranked Listing of Organizations with PATENT GRANTS

As Distributed By Year of Patent Grant

and As Distributed By Year of Patent Application

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009)										---- Ranked List of Organizations with 200 or More Patents ----				
	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	8915	1560	1421	2257	2224	2249	2663	2622	2815	2774	2540	3205	2752	3655	4344	45996
Patents By Year of Application:	12887	2305	3030	3125	3658	3657	3354	2935	3053	2675	2263	1498	871	678	7	45996
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	8093	1094	974	1441	1257	1257	1218	1201	1296	1249	1321	1859	1558	1638	1677	27133
Patents By Year of Application:	11397	1445	1713	1277	1395	1297	1477	1246	1465	1428	1500	863	456	169	5	27133
TOSHIBA CORPORATION																
Patents By Year of Grant:	8773	715	668	925	948	960	864	871	967	1086	1073	1402	1275	1355	1401	23283
Patents By Year of Application:	10361	975	1061	1020	892	959	1143	1258	1256	1429	1168	992	629	138	2	23283
HITACHI, LTD																
Patents By Year of Grant:	8829	736	664	851	790	794	904	1181	1361	1142	960	1398	1130	1094	887	22721
Patents By Year of Application:	10700	763	839	757	1004	1215	1597	1427	1166	1295	879	690	322	65	2	22721
SONY CORPORATION																
Patents By Year of Grant:	4618	691	673	1108	1155	1119	1141	1190	1078	1078	949	1534	1225	1307	1477	20343
Patents By Year of Application:	6350	1201	1693	1314	1427	1413	1515	1186	1138	971	1313	531	238	53	0	20343
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	1283	376	438	949	1130	1031	1075	952	939	1172	1210	1815	2128	2769	2874	20141
Patents By Year of Application:	2202	1164	1198	1397	1120	1034	1203	1474	2114	2488	2176	1739	707	121	4	20141
NEC CORPORATION																
Patents By Year of Grant:	5492	881	891	1377	1495	1576	1510	1441	1011	743	603	686	560	490	475	19231
Patents By Year of Application:	7455	1397	1899	1908	1737	1452	1161	730	526	420	339	141	49	17	0	19231
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	4237	593	526	731	763	794	1012	1148	1314	1432	1273	1791	1555	1183	32	18384
Patents By Year of Application:	5569	771	911	993	1192	1522	1733	1528	1601	1318	750	393	102	1	0	18384
FUJITSU LIMITED																
Patents By Year of Grant:	3658	729	773	1040	1023	957	1015	1037	1129	1125	1013	1340	1148	1303	1074	18364
Patents By Year of Application:	5586	1134	1245	1271	1118	1268	1430	1194	1001	1097	1114	624	217	64	1	18364
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	5960	752	683	877	809	772	854	1043	964	610	487	478	377	394	413	15473
Patents By Year of Application:	7564	840	910	807	845	1006	1133	802	468	416	314	211	132	24	1	15473
INTEL CORPORATION																
Patents By Year of Grant:	845	395	372	660	662	700	717	947	1395	1378	1295	1671	1572	1514	1325	15448
Patents By Year of Application:	1872	763	922	1010	1263	1566	1575	1706	1725	1350	971	536	172	16	1	15448

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
MOTOROLA, INC.																
Patents By Year of Grant:	6005	884	849	1177	986	993	641	554	496	494	416	532	396	317	330	15070
Patents By Year of Application:	8058	1146	1129	851	585	801	553	619	507	366	266	150	34	5	0	15070
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	5614	271	294	409	440	571	513	472	453	535	504	635	530	542	532	12315
Patents By Year of Application:	6188	423	532	619	710	652	706	670	568	509	342	239	121	36	0	12315
MICROSOFT CORPORATION																
Patents By Year of Grant:	99	97	194	330	348	342	393	495	493	618	732	1451	1612	2011	2879	12094
Patents By Year of Application:	589	373	501	634	757	1038	883	1029	1439	2119	1933	663	114	20	2	12094
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	6020	292	250	296	292	310	461	526	402	416	387	482	432	445	491	11502
Patents By Year of Application:	6579	307	311	395	571	603	458	403	469	434	453	314	171	32	2	11502
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	3299	439	440	488	457	492	584	557	607	678	592	702	602	622	530	11089
Patents By Year of Application:	4474	433	583	519	626	655	764	752	723	525	507	317	176	34	1	11089
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	6947	396	398	610	603	597	594	215	3	2	0	2	0	0	0	10367
Patents By Year of Application:	7951	633	659	599	380	131	14	0	0	0	0	0	0	0	0	10367
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	238	81	157	339	528	660	834	947	948	1009	932	976	939	828	633	10049
Patents By Year of Application:	488	332	689	834	841	957	1049	1120	899	999	793	744	243	58	3	10049
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	3178	291	311	460	398	451	414	404	384	435	387	583	544	487	534	9261
Patents By Year of Application:	3933	454	470	493	383	551	537	479	605	536	434	254	105	26	1	9261
AT&T CORP.																
Patents By Year of Grant:	5866	442	45	146	274	288	280	279	205	212	197	264	272	247	140	9157
Patents By Year of Application:	6429	215	485	337	290	267	299	216	135	135	210	82	46	11	0	9157
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	882	1245	1327	1703	1167	1159	993	8476
Patents By Year of Application:	2	4	24	93	310	923	1697	1582	1757	1035	697	226	115	11	0	8476
XEROX CORPORATION																
Patents By Year of Grant:	3385	430	357	490	398	313	387	363	368	299	273	340	331	326	328	8388
Patents By Year of Application:	4283	423	368	582	540	448	314	323	291	254	347	160	47	7	1	8388

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009)										---- Ranked List of Organizations with 200 or More Patents ----				
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
RICOH COMPANY, LTD.																
Patents By Year of Grant:	2440	221	246	307	288	306	263	233	287	420	359	565	615	678	825	8053
Patents By Year of Application:	2969	311	324	320	353	350	438	531	652	576	554	431	198	42	4	8053
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	0	245	631	802	911	1078	895	600	581	505	389	541	418	387	4	7987
Patents By Year of Application:	1170	813	1079	1371	1160	778	399	379	457	230	107	33	11	0	0	7987
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	3078	306	337	455	364	332	249	209	234	325	313	393	268	175	174	7212
Patents By Year of Application:	3725	479	422	443	235	383	298	346	328	269	177	75	28	4	0	7212
SUN MICROSYSTEMS, INC.																
Patents By Year of Grant:	282	108	148	415	540	449	421	481	539	658	625	765	602	505	550	7088
Patents By Year of Application:	716	602	646	487	554	671	849	965	592	449	308	203	38	8	0	7088
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	505	112	136	183	154	187	247	312	446	489	538	765	734	773	843	6424
Patents By Year of Application:	838	165	190	273	331	421	576	623	724	879	713	432	203	56	0	6424
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	2188	330	346	566	578	590	584	640	220	0	5	8	3	0	0	6058
Patents By Year of Application:	2938	635	705	667	538	337	222	14	0	1	1	0	0	0	0	6058
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
Patents By Year of Grant:	0	0	0	0	0	0	6	695	1112	1044	684	824	502	436	437	5740
Patents By Year of Application:	14	25	33	161	544	962	1506	1187	632	446	161	60	8	1	0	5740
ADVANCED MICRO DEVICES, INC.																
Patents By Year of Grant:	759	147	204	409	533	591	515	557	478	476	334	279	216	111	113	5722
Patents By Year of Application:	1221	400	721	563	543	657	520	455	262	184	112	64	18	2	0	5722
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	2421	159	173	214	226	219	252	282	363	435	355	453	146	5	6	5709
Patents By Year of Application:	2804	255	277	270	356	464	463	312	258	163	75	12	0	0	0	5709
TELEFONAKTIEBOLAGET LM ERICSSON																
Patents By Year of Grant:	522	143	106	192	346	437	469	484	451	384	326	353	247	262	247	4969
Patents By Year of Application:	886	231	572	616	600	680	502	328	226	186	96	31	14	1	0	4969
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	2722	148	123	172	155	178	139	179	158	159	140	143	156	108	109	4789
Patents By Year of Application:	3090	145	187	175	131	158	170	161	160	137	125	88	55	6	1	4789

(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----

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----- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ----- Ranked List of Organizations with 200 or More Patents -----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
BROADCOM CORPORATION																
Patents By Year of Grant:	0	0	2	2	0	6	42	74	166	296	408	655	524	634	709	3518
Patents By Year of Application:	5	0	7	14	91	224	350	606	585	718	463	269	161	25	0	3518
UNISYS CORPORATION																
Patents By Year of Grant:	2227	122	101	114	83	83	88	106	84	109	82	102	77	87	51	3516
Patents By Year of Application:	2494	108	130	132	147	113	89	98	111	50	30	10	4	0	0	3516
NOKIA CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	5	41	201	348	323	586	662	596	638	3400
Patents By Year of Application:	0	0	4	18	200	374	644	685	588	457	271	128	24	7	0	3400
LSI LOGIC CORPORATION																
Patents By Year of Grant:	134	84	116	177	262	239	235	236	295	311	281	344	223	228	181	3346
Patents By Year of Application:	395	247	301	312	181	213	422	403	335	232	208	57	32	7	1	3346
NATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	931	171	158	143	157	144	136	159	187	179	193	224	186	157	168	3293
Patents By Year of Application:	1292	134	131	182	142	177	197	223	233	233	178	85	73	13	0	3293
OKI ELECTRIC INDUSTRY CO., LTD.																
Patents By Year of Grant:	690	71	55	112	168	190	241	251	217	211	237	249	213	174	78	3157
Patents By Year of Application:	853	93	223	252	213	259	231	284	273	202	157	86	28	3	0	3157
MURATA MANUFACTURING CO., LTD.																
Patents By Year of Grant:	622	85	95	145	202	213	229	312	305	253	169	124	79	124	130	3087
Patents By Year of Application:	800	172	215	205	235	330	287	253	208	124	59	44	93	58	4	3087
FUJI XEROX CO., LTD.																
Patents By Year of Grant:	777	121	106	217	168	124	108	119	117	128	129	178	236	228	321	3077
Patents By Year of Application:	1066	217	177	127	159	167	158	138	254	179	203	168	53	11	0	3077
DENSO CORPORATION																
Patents By Year of Grant:	0	0	0	41	131	152	191	230	239	303	267	367	377	346	418	3062
Patents By Year of Application:	2	48	131	166	211	214	300	317	333	348	440	341	177	33	1	3062
HUGHES AIRCRAFT COMPANY																
Patents By Year of Grant:	2503	203	83	30	6	1	0	0	0	0	0	0	0	0	0	2826
Patents By Year of Application:	2789	35	2	0	0	0	0	0	0	0	0	0	0	0	0	2826
AGILENT TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	82	240	236	303	538	456	377	219	207	128	2786
Patents By Year of Application:	6	4	21	191	257	291	380	543	453	265	218	134	21	2	0	2786

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
RENESAS TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	11	707	483	484	407	413	273	2778
Patents By Year of Application:	0	2	2	11	25	77	218	572	594	373	360	295	207	41	1	2778
QUALCOMM, INC.																
Patents By Year of Grant:	58	48	45	82	105	98	171	195	178	282	200	398	276	286	353	2775
Patents By Year of Application:	191	123	127	175	279	220	387	363	288	241	214	116	48	3	0	2775
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	935	24	55	68	111	132	190	164	197	199	173	153	143	118	75	2737
Patents By Year of Application:	1013	79	138	127	184	217	230	169	186	150	137	62	33	12	0	2737
PIONEER ELECTRONIC CORPORATION																
Patents By Year of Grant:	1776	90	101	124	128	122	111	63	33	26	11	8	5	7	3	2608
Patents By Year of Application:	1970	135	157	149	136	16	16	15	8	5	0	1	0	0	0	2608
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																
Patents By Year of Grant:	206	52	49	60	95	94	127	145	173	209	199	250	261	287	343	2550
Patents By Year of Application:	365	83	137	115	172	178	219	241	255	321	211	148	93	12	0	2550
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	1266	142	124	209	215	179	163	184	6	4	0	0	0	0	0	2492
Patents By Year of Application:	1566	173	235	183	151	134	49	1	0	0	0	0	0	0	0	2492
RAYTHEON COMPANY																
Patents By Year of Grant:	932	7	15	85	164	145	144	115	137	149	106	166	93	97	126	2481
Patents By Year of Application:	1045	104	181	106	100	123	146	166	145	129	119	65	43	9	0	2481
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	490	71	92	114	121	125	148	149	120	158	166	185	184	176	179	2478
Patents By Year of Application:	685	84	122	151	122	195	148	217	222	195	175	97	58	7	0	2478
BOEING COMPANY																
Patents By Year of Grant:	721	38	33	43	33	35	53	70	101	167	169	245	211	219	283	2421
Patents By Year of Application:	831	34	28	37	47	76	181	236	276	217	209	166	69	13	1	2421
NCR CORPORATION																
Patents By Year of Grant:	882	31	62	133	152	106	107	138	136	112	75	105	95	71	66	2271
Patents By Year of Application:	1057	143	182	138	155	170	142	110	40	48	57	23	3	3	0	2271
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	1540	74	67	72	56	61	61	46	36	34	37	61	47	35	43	2270
Patents By Year of Application:	1697	64	56	60	68	54	33	40	40	61	55	24	16	2	0	2270

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(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	0	0	0	33	117	142	163	276	210	291	288	354	386	2260
Patents By Year of Application:	7	5	21	75	106	209	232	281	263	323	351	254	117	16	0	2260
YAMAHA CORPORATION																
Patents By Year of Grant:	612	113	103	148	151	80	77	91	77	83	110	135	139	161	159	2239
Patents By Year of Application:	855	140	147	103	91	117	135	136	164	116	127	55	40	13	0	2239
APPLE COMPUTER, INC.																
Patents By Year of Grant:	288	163	197	247	165	84	94	72	74	90	82	104	109	178	274	2221
Patents By Year of Application:	851	213	124	85	80	69	100	128	147	121	111	118	62	12	0	2221
VICTOR COMPANY OF JAPAN, LIMITED																
Patents By Year of Grant:	1241	52	54	72	74	74	55	54	61	79	69	84	78	89	81	2217
Patents By Year of Application:	1356	86	84	85	65	62	102	53	87	79	53	49	39	15	2	2217
THOMSON-CSF																
Patents By Year of Grant:	1832	45	43	56	56	40	44	39	20	10	1	1	0	0	0	2187
Patents By Year of Application:	1949	45	50	49	39	36	19	0	0	0	0	0	0	0	0	2187
HONEYWELL INC.																
Patents By Year of Grant:	1683	92	75	92	84	63	38	22	17	12	4	2	0	0	0	2184
Patents By Year of Application:	1859	105	101	63	42	8	3	3	0	0	0	0	0	0	0	2184
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	697	64	72	84	104	80	86	55	52	72	63	102	128	210	265	2134
Patents By Year of Application:	846	105	120	120	71	57	52	72	141	138	177	171	50	14	0	2134
XILINX, INC.																
Patents By Year of Grant:	66	55	60	76	92	114	122	140	130	129	168	255	229	239	257	2132
Patents By Year of Application:	179	76	109	108	113	181	144	197	258	279	240	148	76	23	1	2132
ALCATEL																
Patents By Year of Grant:	0	0	0	0	41	189	252	230	227	266	195	234	149	149	126	2058
Patents By Year of Application:	1	5	101	307	373	309	279	235	178	154	81	34	1	0	0	2058
DIGITAL EQUIPMENT CORPORATION																
Patents By Year of Grant:	1329	157	128	157	120	91	15	0	0	0	0	0	0	0	0	1997
Patents By Year of Application:	1672	144	129	47	5	0	0	0	0	0	0	0	0	0	0	1997
HARRIS CORP.																
Patents By Year of Grant:	796	77	86	100	102	58	82	76	70	85	118	85	80	80	96	1991
Patents By Year of Application:	979	107	82	85	73	85	84	116	147	65	68	66	27	7	0	1991

----- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ----- Ranked List of Organizations with 200 or More Patents -----														
	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	0	0	0	0	0	41	200	255	295	326	212	195	118	143	159	1944
Patents By Year of Application:	19	10	24	139	249	289	374	260	242	119	103	59	50	7	0	1944
TDK CORPORATION																
Patents By Year of Grant:	248	25	23	33	51	80	120	137	129	114	97	201	229	224	229	1940
Patents By Year of Application:	304	26	58	106	137	139	157	106	152	265	218	181	72	17	2	1940
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	953	30	35	45	51	72	78	87	71	84	93	113	70	72	85	1939
Patents By Year of Application:	1036	36	54	73	55	77	98	113	120	113	108	32	22	2	0	1939
EATON CORPORATION																
Patents By Year of Grant:	772	89	72	99	118	97	86	88	69	70	64	74	62	76	89	1925
Patents By Year of Application:	929	88	100	103	100	102	69	68	80	83	78	66	50	8	1	1925
MEDTRONIC INC.																
Patents By Year of Grant:	487	43	36	109	100	116	95	94	86	99	97	161	163	87	141	1914
Patents By Year of Application:	570	84	118	121	118	131	172	145	191	113	94	46	9	2	0	1914
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	944	57	43	42	43	39	53	48	54	71	87	147	113	75	53	1869
Patents By Year of Application:	1053	43	30	36	37	71	74	110	157	180	61	14	3	0	0	1869
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																
Patents By Year of Grant:	221	53	59	124	106	100	81	105	96	101	78	150	139	188	266	1867
Patents By Year of Application:	359	101	113	104	117	107	114	119	140	160	170	155	94	12	2	1867
ROHM COMPANY LIMITED																
Patents By Year of Grant:	339	78	78	94	87	94	108	125	110	117	102	140	122	136	107	1837
Patents By Year of Application:	514	93	100	99	111	141	123	118	138	165	136	51	37	11	0	1837
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	5	13	24	55	74	60	89	114	127	130	183	248	269	220	211	1822
Patents By Year of Application:	26	52	84	65	98	95	129	200	237	342	227	176	84	7	0	1822
ERICSSON, INC.																
Patents By Year of Grant:	6	29	66	200	277	300	256	247	178	109	59	46	24	8	2	1807
Patents By Year of Application:	149	326	355	366	303	159	103	33	8	4	0	1	0	0	0	1807
SUMITOMO ELECTRIC INDUSTRIES CO., LTD.																
Patents By Year of Grant:	687	79	55	55	43	55	52	93	102	102	109	104	87	87	87	1797
Patents By Year of Application:	832	57	51	48	51	106	111	119	149	103	77	55	34	4	0	1797

## ELECTRICAL CLASSES (12-31-2009)

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----

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----- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ----- Ranked List of Organizations with 200 or More Patents -----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
DELL PRODUCTS, L.P.																
Patents By Year of Grant:	76	79	80	94	80	80	118	96	121	116	119	106	119	147	177	1608
Patents By Year of Application:	265	76	104	85	191	119	138	98	151	119	130	86	36	9	1	1608
CASIO COMPUTER CO. LTD.																
Patents By Year of Grant:	743	77	47	65	71	72	61	48	31	33	26	43	57	79	143	1596
Patents By Year of Application:	902	64	88	82	44	52	31	33	59	83	72	49	34	3	0	1596
THOMSON LICENSING S.A.																
Patents By Year of Grant:	0	0	0	0	0	43	86	132	172	176	140	246	216	193	184	1588
Patents By Year of Application:	6	15	36	112	205	250	262	269	220	135	49	26	2	1	0	1588
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE																
Patents By Year of Grant:	31	20	38	92	99	94	56	76	81	63	91	153	181	229	279	1583
Patents By Year of Application:	102	97	113	126	62	71	92	163	209	223	190	92	36	6	1	1583
NOKIA MOBILE PHONES LTD.																
Patents By Year of Grant:	130	40	42	103	149	160	178	193	192	161	103	93	16	5	5	1570
Patents By Year of Application:	250	160	235	213	225	276	170	19	8	9	5	0	0	0	0	1570
EMC CORPORATION																
Patents By Year of Grant:	14	23	21	57	65	74	83	91	130	123	127	155	161	183	245	1552
Patents By Year of Application:	97	69	95	96	118	170	182	149	132	175	112	132	25	0	0	1552
NEC ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	188	204	165	180	222	234	332	1525
Patents By Year of Application:	0	0	0	7	42	112	162	185	207	178	289	225	92	26	0	1525
PIONEER CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	3	40	118	189	224	201	248	209	150	135	1517
Patents By Year of Application:	0	0	1	5	106	216	284	308	244	170	144	23	16	0	0	1517
FANUC LTD.																
Patents By Year of Grant:	935	54	38	56	39	35	43	27	20	23	42	68	61	41	31	1513
Patents By Year of Application:	1054	27	54	49	44	16	18	28	50	63	59	38	13	0	0	1513
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	0	0	0	3	52	125	179	211	175	133	144	139	137	120	88	1506
Patents By Year of Application:	8	16	39	136	178	214	222	169	179	127	109	74	31	4	0	1506
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	396	43	39	79	105	85	82	74	57	61	68	90	86	102	134	1501
Patents By Year of Application:	490	79	111	91	71	73	81	64	106	114	112	80	25	4	0	1501

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	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
LOCKHEED MARTIN CORPORATION																
Patents By Year of Grant:	0	12	33	64	82	102	89	103	111	121	137	164	167	152	151	1488
Patents By Year of Application:	92	67	72	98	119	103	175	173	187	153	118	88	36	7	0	1488
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
Patents By Year of Grant:	1267	27	19	20	16	15	16	12	13	11	8	7	6	8	8	1453
Patents By Year of Application:	1320	19	10	22	12	17	8	11	9	3	9	6	5	2	0	1453
PITNEY-BOWES, INC.																
Patents By Year of Grant:	711	32	44	78	54	51	46	46	48	68	68	59	41	57	44	1447
Patents By Year of Application:	849	66	65	59	84	64	63	64	52	33	23	21	4	0	0	1447
ANALOG DEVICES, INC.																
Patents By Year of Grant:	250	60	68	66	57	50	60	57	105	109	113	124	136	107	78	1440
Patents By Year of Application:	387	71	51	59	65	76	101	167	107	144	98	65	43	6	0	1440
CYPRESS SEMICONDUCTOR CORP.																
Patents By Year of Grant:	47	16	45	94	106	100	92	108	158	140	117	146	103	95	59	1426
Patents By Year of Application:	132	99	133	86	112	172	230	189	22	125	54	58	14	0	0	1426
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	505	55	47	70	64	54	53	73	74	61	66	68	74	68	73	1405
Patents By Year of Application:	645	61	61	73	70	78	75	86	86	48	57	48	13	4	0	1405
HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.																
Patents By Year of Grant:	71	67	87	122	149	199	323	188	93	72	14	9	2	1	0	1397
Patents By Year of Application:	222	133	189	242	282	230	68	20	4	3	2	2	0	0	0	1397
AGERE SYSTEMS INC.																
Patents By Year of Grant:	0	0	0	0	0	0	10	35	247	224	144	212	171	162	189	1394
Patents By Year of Application:	1	0	7	43	207	210	228	148	133	154	140	87	29	7	0	1394
TRW INC.																
Patents By Year of Grant:	547	43	42	71	116	146	172	137	68	24	9	6	0	0	0	1381
Patents By Year of Application:	655	88	117	145	178	120	63	15	0	0	0	0	0	0	0	1381
NIPPON TELEGRAPH & TELEPHONE CORP.																
Patents By Year of Grant:	552	50	53	78	50	52	70	45	53	58	45	72	60	51	59	1348
Patents By Year of Application:	669	77	79	71	69	71	53	77	60	70	28	14	8	2	0	1348
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	460	36	25	26	34	63	48	54	79	78	79	93	76	81	115	1347
Patents By Year of Application:	525	28	53	59	56	72	77	117	104	66	72	74	35	9	0	1347

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	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
3COM CORPORATION																
Patents By Year of Grant:	27	19	22	34	80	129	194	158	190	181	87	83	33	34	31	1302
Patents By Year of Application:	84	39	144	248	302	233	127	59	38	18	6	3	0	1	0	1302
SAMSUNG SDI CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	13	68	70	100	69	102	230	339	284	1275
Patents By Year of Application:	0	0	0	3	20	90	84	102	135	326	342	145	28	0	0	1275
HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	39	102	143	222	236	243	288	1273
Patents By Year of Application:	0	0	1	7	5	32	99	115	207	280	296	162	60	9	0	1273
HON HAI PRECISION IND. CO., LTD.																
Patents By Year of Grant:	0	1	0	1	12	30	46	76	93	157	77	152	125	203	292	1265
Patents By Year of Application:	2	0	4	28	57	54	110	168	117	189	127	254	131	23	1	1265
NORTHROP GRUMMAN CORPORATION																
Patents By Year of Grant:	40	68	55	114	86	69	41	55	107	133	112	128	98	85	73	1264
Patents By Year of Application:	205	78	100	82	60	118	119	98	145	93	99	58	8	1	0	1264
DELPHI TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	2	19	88	174	173	158	127	143	131	116	129	1260
Patents By Year of Application:	0	2	2	16	100	186	187	178	165	139	160	79	40	6	0	1260
Fujifilm Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	333	428	493	1254
Patents By Year of Application:	0	0	1	2	4	36	68	104	172	212	333	226	68	27	1	1254
FUJINON CORPORATION (FORMERLY FUJI PHOTO OPTICAL CO. LTD.)																
Patents By Year of Grant:	220	34	51	71	65	92	77	80	90	94	64	74	68	66	93	1239
Patents By Year of Application:	294	62	77	72	104	94	76	100	87	71	63	63	58	18	0	1239
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION																
Patents By Year of Grant:	716	44	38	37	26	33	38	32	37	46	41	38	37	28	46	1237
Patents By Year of Application:	805	30	30	47	30	47	39	45	47	38	33	35	6	5	0	1237
YAZAKI CORP.																
Patents By Year of Grant:	192	43	42	76	74	70	97	106	126	90	67	63	61	60	58	1225
Patents By Year of Application:	276	78	82	78	81	128	105	111	82	74	61	41	23	5	0	1225
STMICROELECTRONICS S.A.																
Patents By Year of Grant:	0	0	0	1	21	67	86	116	123	128	123	146	140	129	137	1217
Patents By Year of Application:	2	5	2	93	141	170	117	172	166	131	103	73	35	7	0	1217

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---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
GTE PRODUCTS CORPORATION																
Patents By Year of Grant:	1063	1	0	3	0	2	0	0	0	0	0	0	0	0	0	1069
Patents By Year of Application:	1069	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1069
ASML NETHERLANDS B.V.																
Patents By Year of Grant:	3	2	1	1	3	7	6	30	33	62	82	203	195	246	180	1054
Patents By Year of Application:	7	1	5	8	14	35	36	60	152	397	184	114	30	11	0	1054
CIRRUS LOGIC, INC.																
Patents By Year of Grant:	55	63	84	127	108	100	81	84	83	44	45	40	62	42	33	1051
Patents By Year of Application:	273	121	138	96	75	68	53	41	39	40	48	38	20	1	0	1051
INTERDIGITAL TECHNOLOGY CORPORATION																
Patents By Year of Grant:	28	9	19	14	22	17	27	40	54	103	106	181	137	135	158	1050
Patents By Year of Application:	54	23	30	12	31	39	90	237	155	156	122	57	27	17	0	1050
FORD MOTOR COMPANY																
Patents By Year of Grant:	551	93	79	66	47	29	12	8	26	36	25	20	14	23	16	1045
Patents By Year of Application:	733	49	51	26	15	63	12	28	28	12	16	11	1	0	0	1045
VIA TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	2	15	18	42	48	104	117	179	182	161	177	1045
Patents By Year of Application:	1	0	0	19	43	43	72	174	169	183	142	152	43	4	0	1045
OLYMPUS CORPORATION																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	3	129	106	172	185	218	209	1029
Patents By Year of Application:	7	1	0	11	16	37	31	126	167	239	212	103	63	16	0	1029
KOITO MANUFACTURING COMPANY LIMITED																
Patents By Year of Grant:	215	41	34	38	39	52	56	75	85	58	49	63	82	68	52	1007
Patents By Year of Application:	290	47	36	57	45	74	72	76	76	68	84	55	24	3	0	1007
APPLIED MATERIALS, INC.																
Patents By Year of Grant:	57	23	20	47	50	52	63	106	116	78	80	88	61	71	67	979
Patents By Year of Application:	113	52	58	68	101	110	96	100	65	75	66	48	26	1	0	979
ORACLE INTERNATIONAL CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	2	36	93	93	174	168	201	203	970
Patents By Year of Application:	0	0	4	3	36	106	181	197	179	131	80	39	13	1	0	970
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	790	25	23	6	12	9	8	13	6	8	13	12	18	12	11	966
Patents By Year of Application:	839	11	12	16	9	6	8	11	14	16	8	10	4	2	0	966

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
STANFORD UNIVERSITY																
Patents By Year of Grant:	364	28	28	36	31	48	39	43	35	43	43	47	44	63	53	945
Patents By Year of Application:	428	33	41	51	48	44	59	44	51	44	29	40	24	9	0	945
FUJI ELECTRIC CO., LTD.																
Patents By Year of Grant:	433	73	52	46	59	41	32	45	47	48	27	16	6	3	1	929
Patents By Year of Application:	570	39	56	34	32	48	56	49	34	5	4	1	1	0	0	929
POLAROID CORPORATION																
Patents By Year of Grant:	722	18	19	35	33	24	10	6	13	13	9	15	4	5	2	928
Patents By Year of Application:	771	34	31	18	9	20	15	5	11	8	4	1	1	0	0	928
BELLSOUTH INTELLECTUAL PROPERTY CORPORATION																
Patents By Year of Grant:	0	0	0	0	12	19	23	46	82	167	165	288	113	3	1	919
Patents By Year of Application:	1	8	27	30	93	156	207	220	102	53	16	6	0	0	0	919
UNITED MICROELECTRONICS CORPORATION																
Patents By Year of Grant:	50	56	75	84	76	76	91	76	62	27	40	44	50	53	52	912
Patents By Year of Application:	176	92	63	86	91	71	64	44	35	64	58	31	26	11	0	912
PACESETTER, INC.																
Patents By Year of Grant:	33	36	39	76	41	29	45	70	66	75	71	90	105	65	69	910
Patents By Year of Application:	112	63	51	34	61	60	134	116	78	95	73	26	7	0	0	910
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	0	0	0	19	59	50	66	96	97	87	124	113	115	81	907
Patents By Year of Application:	7	9	38	53	64	83	121	113	128	100	83	80	25	3	0	907
CALIFORNIA INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	228	10	18	35	47	52	60	45	65	60	59	65	52	49	43	888
Patents By Year of Application:	274	42	48	66	59	65	80	60	56	44	45	40	7	2	0	888
SAP AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	0	0	2	7	7	2	8	19	52	148	244	380	869
Patents By Year of Application:	0	0	0	12	4	3	19	142	216	285	122	57	8	1	0	869
GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	23	127	118	152	125	109	68	74	60	856
Patents By Year of Application:	0	0	0	9	48	129	142	198	148	78	35	38	21	10	0	856
SILVERBROOK RESEARCH PTY. LTD																
Patents By Year of Grant:	0	0	0	0	0	3	10	15	26	68	70	165	185	164	149	855
Patents By Year of Application:	0	0	0	44	8	131	7	99	111	198	124	50	60	22	1	855

(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----

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----- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ----- Ranked List of Organizations with 200 or More Patents -----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
STMICROELECTRONICS, INC.																
Patents By Year of Grant:	0	0	0	33	93	93	72	74	91	82	52	71	59	58	28	806
Patents By Year of Application:	30	46	110	96	89	98	91	66	64	66	26	15	8	1	0	806
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	84	23	26	24	28	35	38	46	38	58	63	89	74	72	108	806
Patents By Year of Application:	133	27	33	38	29	54	63	73	89	75	54	86	37	15	0	806
ITT CORPORATION																
Patents By Year of Grant:	745	25	14	10	7	2	0	0	0	0	0	0	0	0	0	803
Patents By Year of Application:	791	8	3	1	0	0	0	0	0	0	0	0	0	0	0	803
RESEARCH IN MOTION LIMITED																
Patents By Year of Grant:	1	2	3	6	4	7	8	15	12	14	24	80	125	198	303	802
Patents By Year of Application:	9	5	6	5	10	16	38	51	71	231	165	110	66	17	2	802
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	607	33	16	24	24	42	32	13	6	3	0	0	0	0	0	800
Patents By Year of Application:	658	22	39	32	42	4	0	3	0	0	0	0	0	0	0	800
VLSI TECHNOLOGY, INC.																
Patents By Year of Grant:	253	83	73	117	107	89	61	16	0	0	0	0	0	0	0	799
Patents By Year of Application:	432	126	122	73	40	5	1	0	0	0	0	0	0	0	0	799
SPRINT COMMUNICATIONS COMPANY L.P.																
Patents By Year of Grant:	4	5	2	14	13	22	29	42	54	84	69	106	111	115	125	795
Patents By Year of Application:	26	19	16	52	52	87	74	122	128	100	77	29	12	1	0	795
SGS-THOMSON MICROELECTRONICS S.R.L.																
Patents By Year of Grant:	245	96	102	157	91	58	24	11	4	1	1	0	0	0	0	790
Patents By Year of Application:	470	122	141	44	5	5	2	1	0	0	0	0	0	0	0	790
OMRON CORPORATION																
Patents By Year of Grant:	113	28	18	42	19	22	24	32	37	59	65	87	96	79	68	789
Patents By Year of Application:	181	34	28	17	29	31	65	73	99	70	65	73	20	4	0	789
AU OPTRONICS CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	0	7	29	58	79	137	147	138	192	787
Patents By Year of Application:	0	0	0	0	1	11	36	38	158	188	159	122	56	17	1	787
FUNAI ELECTRIC CO., LTD.																
Patents By Year of Grant:	21	7	10	10	13	20	31	29	28	50	51	94	102	116	200	782
Patents By Year of Application:	44	9	15	40	31	33	54	71	77	123	154	93	33	5	0	782

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
DAINIPPON SCREEN MFG. CO., LTD.																
Patents By Year of Grant:	509	19	19	28	25	14	13	7	7	17	18	31	24	31	19	781
Patents By Year of Application:	557	30	20	22	4	5	10	28	37	33	16	12	6	1	0	781
GENERAL INSTRUMENT CORPORATION																
Patents By Year of Grant:	266	21	29	30	26	24	23	28	33	49	52	60	52	48	34	775
Patents By Year of Application:	325	35	26	36	43	76	62	57	34	35	28	13	5	0	0	775
SQUARE D COMPANY																
Patents By Year of Grant:	434	30	31	42	43	16	39	26	28	21	7	16	14	9	7	763
Patents By Year of Application:	509	36	34	38	37	24	30	13	16	7	7	9	3	0	0	763
NGK INSULATORS LTD.																
Patents By Year of Grant:	206	19	25	22	25	28	48	54	56	50	41	45	43	49	48	759
Patents By Year of Application:	262	24	28	29	46	54	60	57	51	38	50	28	29	3	0	759
FURUKAWA ELECTRIC CO., LTD.																
Patents By Year of Grant:	133	27	14	24	33	18	23	49	93	103	71	54	34	27	41	744
Patents By Year of Application:	178	23	37	16	28	56	126	107	60	29	34	17	15	18	0	744
MACRONIX INTERNATIONAL CO., LTD.																
Patents By Year of Grant:	6	9	10	18	24	28	25	43	76	68	57	73	92	104	110	743
Patents By Year of Application:	24	19	23	24	36	14	70	103	70	88	99	94	66	13	0	743
STORAGE TECHNOLOGY CORPORATION																
Patents By Year of Grant:	193	26	15	13	25	42	50	50	50	67	52	60	42	31	17	733
Patents By Year of Application:	240	15	34	38	77	78	65	64	39	44	33	6	0	0	0	733
MATSUSHITA ELECTRIC WORKS, LTD.																
Patents By Year of Grant:	322	18	16	21	30	30	25	32	35	34	40	40	28	35	20	726
Patents By Year of Application:	357	20	33	26	26	46	50	41	38	45	28	11	5	0	0	726
PHILIPS ELECTRONICS NORTH AMERICA CORP.																
Patents By Year of Grant:	37	66	64	110	110	120	154	61	1	1	0	0	1	0	0	725
Patents By Year of Application:	209	123	136	121	87	44	5	0	0	0	0	0	0	0	0	725
NTT DOCOMO, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	0	4	6	18	65	134	143	152	201	724
Patents By Year of Application:	0	1	1	2	9	35	106	154	142	116	96	46	15	1	0	724
WINBOND ELECTRONICS CORP.																
Patents By Year of Grant:	13	12	14	41	78	85	77	80	57	77	54	57	43	23	9	720
Patents By Year of Application:	37	45	72	122	93	60	71	85	53	40	23	13	5	1	0	720

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
SHARP LABORATORIES OF AMERICA, INC.																
Patents By Year of Grant:	0	0	0	2	15	21	36	46	59	54	72	111	117	106	77	716
Patents By Year of Application:	0	2	26	42	98	74	97	81	107	102	44	27	13	3	0	716
HUGHES ELECTRONICS CORP.																
Patents By Year of Grant:	0	2	1	70	104	120	140	121	61	52	26	10	0	3	1	711
Patents By Year of Application:	34	85	116	144	127	138	43	18	5	1	0	0	0	0	0	711
SGS-THOMSON MICROELECTRONICS S.A.																
Patents By Year of Grant:	221	56	80	110	105	76	33	13	8	2	4	2	0	0	0	710
Patents By Year of Application:	414	92	122	61	9	6	2	0	1	3	0	0	0	0	0	710
LG Display Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	214	482	696
Patents By Year of Application:	0	0	0	1	1	4	22	13	36	161	230	174	45	8	1	696
NOKIA TELECOMMUNICATIONS OYJ																
Patents By Year of Grant:	28	40	47	91	116	110	104	93	43	8	2	1	1	0	1	685
Patents By Year of Application:	124	153	138	131	133	3	2	0	1	0	0	0	0	0	0	685
INTERNATIONAL RECTIFIER CORPORATION																
Patents By Year of Grant:	66	17	15	34	23	25	31	37	42	55	53	57	72	78	76	681
Patents By Year of Application:	99	21	36	32	29	33	46	52	78	64	88	60	35	8	0	681
LEXMARK INTERNATIONAL, INC.																
Patents By Year of Grant:	34	10	17	26	43	35	45	39	47	43	38	61	90	76	77	681
Patents By Year of Application:	60	32	44	23	39	69	61	47	59	110	89	38	10	0	0	681
AVAYA TECHNOLOGY CORP.																
Patents By Year of Grant:	0	0	0	0	0	3	103	89	81	71	42	70	68	74	79	680
Patents By Year of Application:	1	7	16	89	154	104	39	81	79	57	44	8	1	0	0	680
PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH																
Patents By Year of Grant:	172	18	22	33	26	30	55	43	46	55	30	56	45	43	6	680
Patents By Year of Application:	213	28	26	37	45	49	46	56	46	52	54	26	2	0	0	680
RAMBUS, INC.																
Patents By Year of Grant:	17	10	8	13	19	34	28	41	55	63	58	100	85	68	79	678
Patents By Year of Application:	37	11	29	30	38	66	70	54	78	98	80	44	34	9	0	678
PENTAX CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	12	142	163	142	113	76	26	0	674
Patents By Year of Application:	0	0	3	11	37	61	143	131	126	85	56	18	3	0	0	674

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	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
ALCATEL N. V.																
Patents By Year of Grant:	381	84	64	91	37	8	2	2	0	0	0	0	0	1	0	670
Patents By Year of Application:	560	92	14	2	2	0	0	0	0	0	0	0	0	0	0	670
GOLDSTAR COMPANY, LTD.																
Patents By Year of Grant:	439	119	61	33	10	1	2	0	0	0	0	0	0	0	0	665
Patents By Year of Application:	627	29	9	0	0	0	0	0	0	0	0	0	0	0	0	665
ADC TELECOMMUNICATIONS, INC.																
Patents By Year of Grant:	41	7	8	6	14	14	35	48	61	59	52	52	52	98	106	653
Patents By Year of Application:	58	13	18	30	43	59	83	56	29	35	54	64	85	26	0	653
SILICON GRAPHICS, INC.																
Patents By Year of Grant:	46	33	39	83	54	65	79	50	50	52	28	27	14	24	9	653
Patents By Year of Application:	153	96	87	78	71	58	34	38	18	4	9	5	1	1	0	653
TRIMBLE NAVIGATION, LTD.																
Patents By Year of Grant:	50	33	44	62	70	79	54	46	38	30	20	22	34	22	36	640
Patents By Year of Application:	138	67	91	66	62	43	29	18	34	24	31	24	11	2	0	640
ILLINOIS TOOL WORKS INC.																
Patents By Year of Grant:	143	11	13	15	12	42	39	38	53	59	42	49	55	48	17	636
Patents By Year of Application:	168	12	21	31	38	44	61	71	67	56	38	25	2	2	0	636
ADOBE SYSTEMS, INC.																
Patents By Year of Grant:	16	12	8	19	28	31	41	27	28	42	40	56	55	86	145	634
Patents By Year of Application:	45	32	54	53	53	57	49	51	55	43	66	44	27	4	1	634
NORTH AMERICAN PHILIPS CORPORATION																
Patents By Year of Grant:	606	16	5	1	3	0	0	0	0	1	0	0	0	0	0	632
Patents By Year of Application:	632	0	0	0	0	0	0	0	0	0	0	0	0	0	0	632
MEDIATEK INC.																
Patents By Year of Grant:	0	0	0	0	1	3	3	1	5	24	31	106	126	164	156	620
Patents By Year of Application:	0	0	2	4	5	3	16	65	108	140	116	100	48	13	0	620
CADENCE DESIGN SYSTEMS, INC.																
Patents By Year of Grant:	13	9	11	10	8	11	11	21	41	55	94	117	58	68	91	618
Patents By Year of Application:	34	14	8	17	19	61	58	178	74	49	48	47	10	1	0	618
MAXTOR CORPORATION																
Patents By Year of Grant:	64	15	8	12	15	17	35	64	52	56	47	76	64	47	42	614
Patents By Year of Application:	95	15	8	26	92	58	78	52	40	54	50	34	12	0	0	614

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	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
EMERSON ELECTRIC CO.																
Patents By Year of Grant:	284	18	22	33	36	29	24	22	17	36	22	18	16	15	18	610
Patents By Year of Application:	324	31	42	25	26	20	25	38	22	24	11	15	2	5	0	610
LG SEMICON CO., LTD.																
Patents By Year of Grant:	0	15	60	138	195	154	18	16	3	3	1	0	1	0	1	605
Patents By Year of Application:	73	133	198	147	42	4	5	1	0	1	0	1	0	0	0	605
AISIN SEIKI KABUSHIKI KAISHA																
Patents By Year of Grant:	270	14	10	9	29	18	21	27	25	30	25	36	27	23	35	599
Patents By Year of Application:	295	13	21	20	19	24	36	35	39	37	28	23	8	1	0	599
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	367	17	5	12	6	11	5	5	7	18	16	29	39	29	31	597
Patents By Year of Application:	395	6	6	11	10	9	10	20	28	47	32	18	3	2	0	597
NXP B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	4	169	177	247	597
Patents By Year of Application:	0	0	0	0	2	5	27	70	187	207	68	26	4	1	0	597
NIPPON GAKKI SEIZO KABUSHIKI KAISHA																
Patents By Year of Grant:	587	0	0	0	0	0	0	0	0	0	0	0	0	0	0	587
Patents By Year of Application:	587	0	0	0	0	0	0	0	0	0	0	0	0	0	0	587
SCIENTIFIC-ATLANTA, INC.																
Patents By Year of Grant:	202	25	18	29	28	27	39	33	34	24	16	26	33	22	27	583
Patents By Year of Application:	262	29	43	28	39	46	47	32	21	19	6	9	1	1	0	583
FRANCE TELECOM																
Patents By Year of Grant:	88	39	30	57	43	34	30	19	22	33	18	30	43	44	51	581
Patents By Year of Application:	171	54	50	37	29	61	46	50	33	32	12	5	1	0	0	581
SUNDSTRAND CORPORATION																
Patents By Year of Grant:	475	31	13	28	20	4	1	0	0	0	0	0	0	0	0	572
Patents By Year of Application:	525	25	14	8	0	0	0	0	0	0	0	0	0	0	0	572
CONEXANT SYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	0	20	65	115	131	81	50	26	25	22	23	13	571
Patents By Year of Application:	2	9	32	158	132	109	55	13	25	15	16	4	1	0	0	571
FINISAR CORPORATION																
Patents By Year of Grant:	6	1	1	0	1	1	1	5	22	43	86	105	99	102	98	571
Patents By Year of Application:	8	0	1	3	3	19	54	99	143	106	82	26	24	3	0	571

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
ROCKWELL COLLINS, INC.																
Patents By Year of Grant:	0	0	0	0	2	24	48	73	57	52	37	50	53	59	115	570
Patents By Year of Application:	1	0	9	29	81	96	53	43	56	68	55	54	20	5	0	570
TEAC CORPORATION																
Patents By Year of Grant:	259	24	17	11	23	17	28	19	21	23	23	38	24	17	22	566
Patents By Year of Application:	304	13	26	22	21	26	27	57	23	25	14	4	1	3	0	566
THOMSON CONSUMER ELECTRONICS, INC.																
Patents By Year of Grant:	280	69	61	65	61	26	1	1	0	0	0	0	0	0	0	564
Patents By Year of Application:	426	81	48	9	0	0	0	0	0	0	0	0	0	0	0	564
KYOCERA CORPORATION																
Patents By Year of Grant:	94	7	19	20	17	33	28	33	40	28	30	32	50	50	77	558
Patents By Year of Application:	123	25	22	35	27	35	31	34	41	67	72	37	7	2	0	558
WESTERN DIGITAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	12	36	56	80	113	101	54	52	53	557
Patents By Year of Application:	0	0	1	6	27	51	78	105	84	85	63	35	18	4	0	557
BELL COMMUNICATIONS RESEARCH, INC.																
Patents By Year of Grant:	427	43	28	42	14	1	0	0	0	0	0	0	0	0	0	555
Patents By Year of Application:	509	39	6	1	0	0	0	0	0	0	0	0	0	0	0	555
MITSUMI ELECTRIC CO., LTD.																
Patents By Year of Grant:	32	18	16	27	43	36	42	39	43	42	35	49	37	45	48	552
Patents By Year of Application:	63	24	57	34	44	49	38	48	31	61	53	24	19	7	0	552
ROCKWELL AUTOMATION TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	8	48	55	54	49	80	84	69	104	551
Patents By Year of Application:	0	0	1	12	40	72	55	59	86	70	71	62	20	3	0	551
AT& T Intellectual Property I, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	134	412	546
Patents By Year of Application:	0	0	0	0	4	7	25	43	91	93	113	97	56	17	0	546
HONEYWELL INFORMATION SYSTEMS INC.																
Patents By Year of Grant:	543	0	0	0	0	0	0	0	0	0	0	0	0	0	0	543
Patents By Year of Application:	543	0	0	0	0	0	0	0	0	0	0	0	0	0	0	543
VISTEON GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	1	11	76	52	64	97	86	64	39	18	30	538
Patents By Year of Application:	1	1	8	27	61	65	67	114	94	35	44	8	12	1	0	538

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
DAI NIPPON PRINTING CO. LTD																
Patents By Year of Grant:	37	19	14	25	27	46	22	25	40	53	38	48	47	42	52	535
Patents By Year of Application:	82	25	33	39	27	30	53	50	69	53	39	19	14	2	0	535
DEUTSCHE THOMSON-BRANDT GMBH																
Patents By Year of Grant:	275	24	23	35	45	42	46	20	0	3	3	9	1	0	0	526
Patents By Year of Application:	343	46	51	42	28	11	3	2	0	0	0	0	0	0	0	526
ITT MANUFACTURING ENTERPRISES, INC.																
Patents By Year of Grant:	0	0	0	10	40	58	49	40	30	40	42	57	66	36	58	526
Patents By Year of Application:	7	4	60	58	40	50	56	56	46	31	67	37	13	1	0	526
MINEBEA KABUSHIKI-KAISHA (MINEBEA CO., LTD)																
Patents By Year of Grant:	17	6	8	27	18	27	26	30	47	59	73	83	49	24	32	526
Patents By Year of Application:	35	24	27	19	32	29	52	63	87	74	50	19	15	0	0	526
DELTA ELECTRONICS INC.																
Patents By Year of Grant:	2	1	2	7	7	13	17	34	48	60	46	69	72	63	76	517
Patents By Year of Application:	5	4	7	9	20	22	62	52	84	79	70	66	26	10	1	517
INTEGRATED DEVICE TECHNOLOGY, INC.																
Patents By Year of Grant:	51	19	19	51	41	26	33	18	23	24	34	51	44	34	48	516
Patents By Year of Application:	99	41	51	28	25	21	39	35	39	44	39	35	19	1	0	516
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	149	20	6	26	29	24	30	21	45	48	22	25	20	26	22	513
Patents By Year of Application:	180	19	35	25	30	26	47	50	22	32	22	16	8	1	0	513
KOKUSAI DENSHIN DENWA KABUSHIKI KAISHA																
Patents By Year of Grant:	347	21	18	29	42	25	16	6	0	0	2	0	0	0	0	506
Patents By Year of Application:	392	32	47	30	2	3	0	0	0	0	0	0	0	0	0	506
CARL ZEISS STIFTUNG																
Patents By Year of Grant:	275	17	18	20	23	13	22	33	37	17	12	8	8	2	0	505
Patents By Year of Application:	320	17	14	20	19	39	42	13	12	8	1	0	0	0	0	505
GTE LABORATORIES, INC.																
Patents By Year of Grant:	448	12	7	8	15	14	1	0	0	0	0	0	0	0	0	505
Patents By Year of Application:	477	7	11	9	1	0	0	0	0	0	0	0	0	0	0	505
DAIMLER-CHRYSLER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	0	7	62	97	77	55	39	61	54	38	13	0	503
Patents By Year of Application:	3	7	22	53	111	83	60	69	55	31	8	1	0	0	0	503

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
MCI COMMUNICATIONS CORP.																
Patents By Year of Grant:	9	10	32	116	105	73	58	43	19	17	8	6	3	2	1	502
Patents By Year of Application:	105	150	124	96	14	2	3	1	6	1	0	0	0	0	0	502
SGS-THOMSON MICROELECTRONICS, INC.																
Patents By Year of Grant:	257	101	67	66	1	2	0	0	0	0	0	0	0	0	0	494
Patents By Year of Application:	434	49	11	0	0	0	0	0	0	0	0	0	0	0	0	494
FORD GLOBAL TECHNOLOGIES, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	47	102	81	87	72	44	59	492
Patents By Year of Application:	0	0	0	0	6	31	53	126	92	71	43	40	23	7	0	492
DELCO ELECTRONICS CORPORATION																
Patents By Year of Grant:	209	59	57	62	63	34	6	1	0	0	0	0	0	0	0	491
Patents By Year of Application:	327	64	56	33	11	0	0	0	0	0	0	0	0	0	0	491
SIEMENS ENERGY & AUTOMATION, INC.																
Patents By Year of Grant:	90	19	18	28	27	27	35	21	29	20	30	27	36	40	37	484
Patents By Year of Application:	133	30	18	33	38	32	30	31	30	36	35	26	11	1	0	484
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	40	6	5	11	11	24	21	39	38	30	39	30	62	65	62	483
Patents By Year of Application:	55	11	12	22	29	38	41	41	44	45	58	38	47	2	0	483
NATIONAL INSTRUMENTS CORPORATION																
Patents By Year of Grant:	10	9	15	27	29	29	26	26	23	29	42	73	42	43	59	482
Patents By Year of Application:	43	20	42	32	32	56	66	68	34	30	32	16	9	2	0	482
Hong Fu Jin Precision Industry (Shenzhen) Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	20	80	163	214	477
Patents By Year of Application:	0	0	0	0	0	0	0	5	4	76	116	181	77	18	0	477
SANDIA CORPORATION																
Patents By Year of Grant:	22	18	23	31	35	31	36	43	44	36	26	33	30	42	27	477
Patents By Year of Application:	74	32	38	34	41	32	54	28	41	33	28	25	12	5	0	477
SARNOFF CORPORATION																
Patents By Year of Grant:	0	0	0	5	39	68	66	70	67	42	34	26	16	22	20	475
Patents By Year of Application:	5	19	76	84	65	92	38	20	13	24	22	12	5	0	0	475
SHIMADZU CORPORATION																
Patents By Year of Grant:	117	16	18	19	19	16	16	30	39	22	22	43	30	30	34	471
Patents By Year of Application:	145	23	22	19	20	27	36	26	29	42	41	24	15	2	0	471

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.																
Patents By Year of Grant:	11	10	0	0	0	0	19	31	46	40	45	74	49	85	59	469
Patents By Year of Application:	21	1	6	15	53	38	68	59	70	64	45	20	6	3	0	469
OMRON TETEISI ELECTRONICS CO.																
Patents By Year of Grant:	465	1	0	0	0	0	0	0	0	0	0	0	0	0	0	466
Patents By Year of Application:	466	0	0	0	0	0	0	0	0	0	0	0	0	0	0	466
KLA-TENCOR TECHNOLOGIES CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	1	3	13	53	52	98	89	92	62	463
Patents By Year of Application:	0	0	1	1	3	11	40	60	80	96	91	53	24	3	0	463
INVENTEC CORPORATION																
Patents By Year of Grant:	0	0	2	2	11	11	17	27	24	22	29	38	76	110	93	462
Patents By Year of Application:	3	1	15	10	31	28	28	24	39	39	69	100	64	11	0	462
JUNIPER NETWORKS, INC.																
Patents By Year of Grant:	0	0	0	0	2	0	1	6	12	13	44	86	82	80	136	462
Patents By Year of Application:	0	1	2	3	19	35	98	109	36	40	50	48	19	1	1	462
INTERNATIONAL STANDARD ELECTRIC CORPORATION (ITT CORP. UNIT)																
Patents By Year of Grant:	461	0	0	0	0	0	0	0	0	0	0	0	0	0	0	461
Patents By Year of Application:	461	0	0	0	0	0	0	0	0	0	0	0	0	0	0	461
ORACLE CORPORATION																
Patents By Year of Grant:	3	8	7	58	85	77	67	85	50	5	1	7	1	3	4	461
Patents By Year of Application:	30	73	134	85	79	29	16	11	1	3	0	0	0	0	0	461
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.																
Patents By Year of Grant:	71	16	13	18	22	24	18	40	28	34	25	35	34	39	36	453
Patents By Year of Application:	104	17	27	23	41	48	38	45	31	27	27	15	8	2	0	453
FORD GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	16	66	61	58	91	112	38	1	1	0	2	1	3	450
Patents By Year of Application:	33	55	70	56	55	107	48	19	2	1	2	1	1	0	0	450
SYNOPSYS INC.																
Patents By Year of Grant:	3	4	13	19	21	26	25	31	20	21	38	38	67	57	67	450
Patents By Year of Application:	41	14	28	26	40	22	34	45	36	52	58	30	17	7	0	450
DIGIMARC CORPORATION																
Patents By Year of Grant:	0	0	1	11	2	7	16	27	50	51	34	75	59	55	59	447
Patents By Year of Application:	8	6	3	13	40	62	81	67	43	35	29	23	30	7	0	447

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----

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----- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ----- Ranked List of Organizations with 200 or More Patents -----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
METROLOGIC INSTRUMENTS INC.																
Patents By Year of Grant:	19	4	7	15	22	18	18	32	39	28	44	47	33	28	67	421
Patents By Year of Application:	29	17	43	7	36	30	31	73	29	39	12	30	44	1	0	421
HUBBELL INCORPORATED																
Patents By Year of Grant:	118	9	21	20	26	33	28	37	23	22	17	20	17	20	8	419
Patents By Year of Application:	152	22	25	33	30	28	33	20	20	24	14	13	4	1	0	419
AMPEX CORP.																
Patents By Year of Grant:	391	2	6	9	2	6	0	1	0	1	0	0	0	0	0	418
Patents By Year of Application:	401	8	5	2	1	1	0	0	0	0	0	0	0	0	0	418
SIEMENS MEDICAL SOLUTIONS USA, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	1	20	19	23	22	21	45	132	135	418
Patents By Year of Application:	0	0	0	3	4	14	42	34	33	73	120	64	26	5	0	418
SONY COMPUTER ENTERTAINMENT INC.																
Patents By Year of Grant:	0	0	0	0	0	5	18	33	44	62	40	56	48	46	63	415
Patents By Year of Application:	1	1	5	14	33	64	92	59	25	39	51	20	10	1	0	415
CHRYSLER MOTORS CORPORATION																
Patents By Year of Grant:	215	31	24	53	53	28	7	2	0	0	0	0	0	0	0	413
Patents By Year of Application:	279	54	47	31	0	2	0	0	0	0	0	0	0	0	0	413
AGERE SYSTEMS GUARDIAN CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	167	236	5	1	0	0	0	1	0	410
Patents By Year of Application:	3	0	20	97	179	95	15	1	0	0	0	0	0	0	0	410
CLARION CO., LTD.																
Patents By Year of Grant:	320	10	4	3	1	4	8	11	8	8	5	10	5	7	6	410
Patents By Year of Application:	334	2	3	9	6	12	17	7	8	5	4	2	1	0	0	410
HITACHI HIGH-TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	18	31	65	67	113	112	409
Patents By Year of Application:	0	0	0	0	0	0	3	21	51	79	81	94	67	13	0	409
RAYCHEM CORPORATION																
Patents By Year of Grant:	324	13	20	31	15	3	0	0	0	0	0	0	0	0	0	406
Patents By Year of Application:	367	22	15	2	0	0	0	0	0	0	0	0	0	0	0	406
ARM LIMITED																
Patents By Year of Grant:	5	10	10	16	17	15	17	15	13	16	24	59	60	66	61	404
Patents By Year of Application:	26	20	20	20	22	16	30	34	60	63	40	38	13	2	0	404

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
ALLEN-BRADLEY COMPANY																
Patents By Year of Grant:	288	40	45	25	4	0	0	0	0	0	0	0	0	0	0	402
Patents By Year of Application:	366	29	6	1	0	0	0	0	0	0	0	0	0	0	0	402
BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	4	48	32	54	52	51	71	35	55	402
Patents By Year of Application:	17	0	0	1	4	30	42	74	76	56	55	27	16	4	0	402
LICENTIA PATENT-VERWALTUNGS-GMBH																
Patents By Year of Grant:	387	5	2	1	3	0	1	0	0	0	0	0	0	0	0	399
Patents By Year of Application:	395	3	1	0	0	0	0	0	0	0	0	0	0	0	0	399
AOL LLC																
Patents By Year of Grant:	0	0	0	1	9	7	3	14	17	26	18	54	82	87	80	398
Patents By Year of Application:	3	6	10	11	21	44	55	78	72	43	14	24	14	3	0	398
LATTICE SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	32	4	4	3	2	15	12	22	36	43	47	48	41	41	47	397
Patents By Year of Application:	41	4	6	15	14	18	32	58	63	34	49	34	22	7	0	397
ANDO ELECTRIC CO., LTD.																
Patents By Year of Grant:	67	25	22	28	35	38	32	49	46	36	16	0	0	0	0	394
Patents By Year of Application:	101	32	38	60	34	55	40	29	5	0	0	0	0	0	0	394
GATEWAY 2000, INC.																
Patents By Year of Grant:	1	1	3	14	21	24	29	46	47	56	44	39	28	27	14	394
Patents By Year of Application:	12	27	28	61	81	47	38	43	27	26	3	1	0	0	0	394
OKIDATA CORPORATION																
Patents By Year of Grant:	1	0	5	12	29	39	25	20	25	23	28	38	48	59	41	393
Patents By Year of Application:	5	17	26	36	40	22	19	29	50	53	55	34	7	0	0	393
ALPINE ELECTRONICS INC.																
Patents By Year of Grant:	63	8	8	13	15	11	14	21	19	34	34	31	33	38	50	392
Patents By Year of Application:	83	21	10	10	14	28	38	39	45	43	39	18	4	0	0	392
NIPPON SHEET GLASS CO., LTD.																
Patents By Year of Grant:	99	9	5	2	16	15	21	19	27	44	36	36	30	23	10	392
Patents By Year of Application:	113	4	8	17	22	27	54	39	44	23	26	11	3	1	0	392
TOKAI RIKI DENKI SEISAKUSHO K.K.																
Patents By Year of Grant:	150	13	16	16	10	11	20	11	23	23	15	25	26	14	18	391
Patents By Year of Application:	177	17	16	6	24	15	23	21	28	27	15	14	7	1	0	391

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
FAIRCHILD SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	62	0	0	3	10	14	15	39	35	48	35	30	19	29	50	389
Patents By Year of Application:	64	4	7	19	30	32	38	43	44	31	25	27	22	3	0	389
NETWORK APPLIANCE, INC.																
Patents By Year of Grant:	0	0	0	1	3	3	3	6	10	22	30	60	77	112	61	388
Patents By Year of Application:	3	0	1	8	11	21	40	83	66	60	57	26	12	0	0	388
NITTO DENKO CORPORATION																
Patents By Year of Grant:	11	4	1	5	5	12	16	23	32	44	42	47	39	50	57	388
Patents By Year of Application:	16	8	5	11	22	40	45	56	43	44	40	35	10	10	3	388
SUMITOMO WIRING SYSTEMS, LTD.																
Patents By Year of Grant:	34	19	29	37	31	33	26	41	33	31	21	19	12	8	13	387
Patents By Year of Application:	95	26	36	23	33	34	28	31	27	20	22	5	7	0	0	387
HRL LABORATORIES, LLC																
Patents By Year of Grant:	0	0	0	0	0	1	12	31	45	41	42	54	60	54	45	385
Patents By Year of Application:	0	0	0	0	26	51	53	45	57	70	39	33	8	3	0	385
JOHANNES HEIDENHAIN GMBH																
Patents By Year of Grant:	139	9	10	9	11	10	14	19	25	17	22	36	27	20	15	383
Patents By Year of Application:	156	12	14	14	24	23	20	37	27	22	13	17	3	1	0	383
WISCONSIN ALUMNI RESEARCH FOUNDATION																
Patents By Year of Grant:	124	12	15	14	13	16	12	19	23	15	16	25	20	27	32	383
Patents By Year of Application:	149	16	15	14	20	27	22	21	16	23	21	28	10	1	0	383
MCDONNELL DOUGLAS CORP.																
Patents By Year of Grant:	209	21	18	49	33	22	19	6	0	3	0	1	0	0	0	381
Patents By Year of Application:	249	43	45	33	6	1	3	1	0	0	0	0	0	0	0	381
MATSUSHITA ELECTRONICS CORPORATION																
Patents By Year of Grant:	132	14	15	39	48	53	52	18	6	2	0	0	0	0	0	379
Patents By Year of Application:	163	43	43	75	33	15	5	1	1	0	0	0	0	0	0	379
NOVELL, INC.																
Patents By Year of Grant:	7	5	14	28	54	45	17	22	27	24	14	25	29	29	39	379
Patents By Year of Application:	36	47	70	26	36	35	28	31	25	19	8	9	9	0	0	379
SANKYO SEIKI MFG. CO., LTD.																
Patents By Year of Grant:	113	18	31	26	23	17	26	20	35	30	25	9	1	0	1	375
Patents By Year of Application:	167	24	18	29	18	34	30	30	18	6	1	0	0	0	0	375

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
AMP INCORPORATED																
Patents By Year of Grant:	373	0	0	0	0	0	0	0	0	0	0	0	0	0	0	373
Patents By Year of Application:	373	0	0	0	0	0	0	0	0	0	0	0	0	0	0	373
ELPIDA MEMORY, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	19	45	39	74	82	107	367
Patents By Year of Application:	0	1	0	0	0	2	4	28	48	55	52	100	63	14	0	367
TERADYNE, INC.																
Patents By Year of Grant:	55	11	12	11	11	12	17	29	30	37	27	30	22	27	35	366
Patents By Year of Application:	79	14	13	16	31	42	28	38	21	24	36	10	10	4	0	366
KABUSHIKI KAISHA TOPCON																
Patents By Year of Grant:	51	15	10	27	26	33	16	21	13	25	19	26	27	25	31	365
Patents By Year of Application:	84	19	34	27	17	24	19	26	27	22	35	14	11	6	0	365
ACTEL CORPORATION																
Patents By Year of Grant:	64	23	11	8	9	6	8	8	15	24	26	35	26	49	51	363
Patents By Year of Application:	100	12	7	7	4	21	5	32	20	33	32	32	40	17	1	363
NIPPON STEEL CORP.																
Patents By Year of Grant:	176	29	29	38	20	16	14	11	8	5	5	5	3	2	0	361
Patents By Year of Application:	238	38	27	18	9	7	3	12	5	2	1	0	1	0	0	361
REALTEK SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	0	0	0	1	1	4	2	1	6	11	23	50	76	64	122	361
Patents By Year of Application:	0	1	2	1	8	1	9	26	45	79	80	56	46	7	0	361
DONNELLY CORPORATION																
Patents By Year of Grant:	45	7	11	13	16	21	31	35	21	26	22	22	24	33	30	357
Patents By Year of Application:	61	9	23	13	37	31	32	37	22	19	14	18	29	11	1	357
JOHNS HOPKINS UNIVERSITY																
Patents By Year of Grant:	103	6	9	6	13	7	12	15	18	36	31	41	27	16	17	357
Patents By Year of Application:	117	13	10	14	19	18	21	42	55	24	11	7	3	2	1	357
NEC LCD TECHNOLOGIES, LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	38	67	74	57	31	30	59	356
Patents By Year of Application:	0	0	0	0	6	42	62	65	46	50	43	28	12	2	0	356
TOSHIBA TEC KABUSHIKI KAISHA																
Patents By Year of Grant:	0	0	0	0	1	13	69	95	63	17	9	24	22	22	21	356
Patents By Year of Application:	1	3	1	5	34	124	95	32	5	16	14	17	9	0	0	356

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	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
MITUTOYO CORPORATION																
Patents By Year of Grant:	31	3	4	6	22	13	17	26	42	22	16	42	26	46	39	355
Patents By Year of Application:	37	6	20	22	22	31	37	31	20	34	33	35	22	5	0	355
SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM																
Patents By Year of Grant:	226	16	8	21	17	23	19	10	2	2	2	2	2	2	3	355
Patents By Year of Application:	262	18	19	26	14	4	4	3	3	1	0	0	0	1	0	355
ATI TECHNOLOGIES INC.																
Patents By Year of Grant:	8	1	6	15	17	39	37	21	11	28	26	36	24	31	54	354
Patents By Year of Application:	21	12	51	63	8	25	38	27	26	39	26	14	4	0	0	354
BLACK & DECKER INC.																
Patents By Year of Grant:	137	10	4	12	7	19	11	10	18	17	21	31	18	23	15	353
Patents By Year of Application:	157	7	10	11	18	13	14	27	26	24	27	12	3	4	0	353
USHIO DENKI KABUSHIKI KAISYA																
Patents By Year of Grant:	50	9	7	11	23	13	16	30	43	39	32	25	12	19	24	353
Patents By Year of Application:	72	13	14	18	22	38	34	38	31	24	14	19	14	2	0	353
SINGER COMPANY																
Patents By Year of Grant:	351	0	0	0	0	0	0	0	0	0	0	0	0	0	0	351
Patents By Year of Application:	351	0	0	0	0	0	0	0	0	0	0	0	0	0	0	351
ASEA BROWN BOVERI AB																
Patents By Year of Grant:	60	22	17	9	28	15	29	34	23	22	24	32	17	7	11	350
Patents By Year of Application:	97	9	28	38	31	29	43	36	24	8	7	0	0	0	0	350
LUCAS INDUSTRIES PUBLIC LTD. COMPANY																
Patents By Year of Grant:	274	6	11	12	11	7	10	7	5	5	2	0	0	0	0	350
Patents By Year of Application:	293	6	14	5	13	8	6	4	0	1	0	0	0	0	0	350
NATIONAL RESEARCH DEVELOPMENT CORPORATION																
Patents By Year of Grant:	346	0	0	0	0	0	1	2	1	0	0	0	0	0	0	350
Patents By Year of Application:	346	0	0	1	0	2	1	0	0	0	0	0	0	0	0	350
PERKIN-ELMER CORPORATION																
Patents By Year of Grant:	328	5	3	2	3	4	2	0	0	0	0	0	0	0	0	347
Patents By Year of Application:	337	3	5	1	0	1	0	0	0	0	0	0	0	0	0	347
SIEMENS CORPORATE RESEARCH, INC.																
Patents By Year of Grant:	21	8	11	17	34	22	23	15	27	22	22	46	34	19	25	346
Patents By Year of Application:	45	30	41	20	32	23	39	41	26	12	28	6	3	0	0	346

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----

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---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
JDS UNIPHASE CORPORATION																
Patents By Year of Grant:	0	0	0	0	1	7	17	49	46	44	47	36	38	25	22	332
Patents By Year of Application:	0	0	4	6	35	47	50	57	43	30	28	15	12	5	0	332
HOYA CORPORATION																
Patents By Year of Grant:	78	0	1	2	3	3	7	5	8	12	6	4	11	64	126	330
Patents By Year of Application:	81	1	3	4	7	7	12	10	18	20	79	45	37	6	0	330
AGFA-GEVAERT N.V.																
Patents By Year of Grant:	84	17	21	52	24	18	14	20	13	11	8	17	20	6	3	328
Patents By Year of Application:	141	34	32	22	14	19	10	14	20	8	7	6	1	0	0	328
BEN Q CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	5	18	36	50	74	107	32	5	327
Patents By Year of Application:	0	0	1	0	9	12	21	36	87	101	42	15	3	0	0	327
UNIVERSITY OF TEXAS																
Patents By Year of Grant:	97	13	10	18	13	10	14	18	17	20	14	19	20	22	22	327
Patents By Year of Application:	127	15	16	13	17	21	26	18	19	16	17	15	6	1	0	327
JEOL LTD.																
Patents By Year of Grant:	129	6	4	14	12	14	10	13	16	27	17	21	9	18	15	325
Patents By Year of Application:	138	11	17	15	10	19	16	24	10	19	20	16	9	1	0	325
MOBIL OIL CORP.																
Patents By Year of Grant:	308	4	2	3	1	2	1	3	1	0	0	0	0	0	0	325
Patents By Year of Application:	317	1	0	3	4	0	0	0	0	0	0	0	0	0	0	325
HALLIBURTON ENERGY SERVICES, INC.																
Patents By Year of Grant:	2	0	2	8	12	14	25	21	32	43	36	44	30	25	29	323
Patents By Year of Application:	9	5	19	14	30	23	33	55	35	44	29	19	6	2	0	323
LINEAR TECHNOLOGY CORPORATION																
Patents By Year of Grant:	53	9	7	14	9	28	15	19	27	13	19	16	33	37	24	323
Patents By Year of Application:	72	9	15	21	18	22	23	15	23	18	47	30	8	2	0	323
GEORGIA TECH RESEARCH CORP.																
Patents By Year of Grant:	65	11	3	8	15	13	15	19	20	20	26	32	28	20	27	322
Patents By Year of Application:	84	10	14	17	14	27	23	21	39	14	26	26	6	1	0	322
IOMEGA CORPORATION																
Patents By Year of Grant:	46	8	18	18	44	53	45	19	25	21	7	8	5	3	2	322
Patents By Year of Application:	71	21	67	47	40	30	25	1	11	3	2	3	1	0	0	322

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	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
KYOCERA MITA CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	6	14	11	6	13	8	21	31	88	120	318
Patents By Year of Application:	2	1	2	2	10	16	12	12	19	20	77	100	35	10	0	318
MICRON ELECTRONICS, INC.																
Patents By Year of Grant:	0	3	12	21	90	115	62	11	2	1	0	1	0	0	0	318
Patents By Year of Application:	13	34	175	71	19	2	3	0	1	0	0	0	0	0	0	318
WHITAKER CORPORATION																
Patents By Year of Grant:	79	40	31	45	36	39	28	12	4	2	1	1	0	0	0	318
Patents By Year of Application:	150	41	58	37	26	4	2	0	0	0	0	0	0	0	0	318
JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	218	7	11	14	10	7	5	11	18	10	3	1	1	0	0	316
Patents By Year of Application:	237	13	11	5	7	32	2	4	3	2	0	0	0	0	0	316
BULL S.A.																
Patents By Year of Grant:	114	25	19	25	20	15	19	21	8	9	6	14	6	6	8	315
Patents By Year of Application:	166	24	30	20	21	20	13	9	5	3	2	1	1	0	0	315
CARL ZEISS SMT AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	5	28	35	57	61	69	56	311
Patents By Year of Application:	0	0	0	0	1	2	25	32	46	69	68	36	22	8	2	311
MURATA KIKAI KABUSHIKI KAISHA																
Patents By Year of Grant:	104	3	3	11	6	11	11	10	14	11	23	29	33	23	19	311
Patents By Year of Application:	112	8	14	16	16	16	27	30	24	21	14	13	0	0	0	311
NOKIA NETWORKS OY																
Patents By Year of Grant:	0	0	0	0	0	5	40	85	37	58	37	41	8	0	0	311
Patents By Year of Application:	0	0	0	7	72	139	88	4	0	1	0	0	0	0	0	311
SYMANTEC CORPORATION																
Patents By Year of Grant:	5	1	2	14	12	10	5	6	9	6	12	19	33	63	114	311
Patents By Year of Application:	9	13	17	14	12	26	10	24	51	55	56	15	9	0	0	311
BAYERISCHE MOTOREN WERKE AG																
Patents By Year of Grant:	55	7	5	13	10	10	18	19	20	25	15	18	27	35	32	309
Patents By Year of Application:	69	13	13	12	22	30	34	14	7	17	20	35	22	1	0	309
GENTEX CORPORATION																
Patents By Year of Grant:	25	3	2	9	10	19	26	28	40	20	31	23	17	32	23	308
Patents By Year of Application:	32	5	14	14	31	30	39	29	29	33	16	22	10	4	0	308

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	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
LEVITON MANUFACTURING CO. INC.																
Patents By Year of Grant:	38	8	14	30	19	16	16	12	11	10	23	29	35	25	22	308
Patents By Year of Application:	58	17	31	20	19	9	19	13	15	32	36	28	10	1	0	308
SENSORMATIC ELECTRONICS CORPORATION																
Patents By Year of Grant:	75	14	15	26	38	23	14	9	9	10	12	21	14	8	20	308
Patents By Year of Application:	113	35	21	26	12	14	14	15	17	15	13	10	1	1	1	308
AMKOR TECHNOLOGY, INC.																
Patents By Year of Grant:	0	0	0	1	5	5	10	50	63	44	36	45	17	16	15	307
Patents By Year of Application:	0	1	6	6	21	63	65	37	38	32	22	13	2	1	0	307
HEIDELBERGER DRUCKMASCHINEN AG																
Patents By Year of Grant:	74	6	7	14	3	10	5	33	48	34	17	12	14	16	13	306
Patents By Year of Application:	91	12	7	11	15	49	40	31	22	9	10	7	2	0	0	306
HITACHI MEDICAL CORPORATION																
Patents By Year of Grant:	92	14	14	9	20	9	10	20	18	13	12	16	16	21	22	306
Patents By Year of Application:	121	16	21	11	10	18	27	22	24	19	10	4	2	1	0	306
DAIMLER-BENZ AKTIENGESELLSCHAFT																
Patents By Year of Grant:	170	21	30	40	30	8	6	0	0	0	0	0	0	0	0	305
Patents By Year of Application:	229	34	30	11	1	0	0	0	0	0	0	0	0	0	0	305
DALLAS SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	138	29	24	30	26	27	17	7	1	2	2	2	0	0	0	305
Patents By Year of Application:	205	25	21	28	10	8	6	1	1	0	0	0	0	0	0	305
DISCOVISION ASSOCIATES																
Patents By Year of Grant:	112	18	27	41	26	28	19	11	4	6	4	6	1	2	0	305
Patents By Year of Application:	215	8	41	9	7	7	11	3	1	2	1	0	0	0	0	305
SKYWORKS SOLUTIONS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	10	55	74	37	42	23	23	41	305
Patents By Year of Application:	0	0	0	17	28	45	57	32	31	33	29	18	11	4	0	305
BEA SYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	0	4	2	3	2	4	4	19	37	56	78	95	304
Patents By Year of Application:	1	2	6	1	4	5	32	54	64	57	46	22	9	1	0	304
COOPER INDUSTRIES INC.																
Patents By Year of Grant:	205	20	17	22	9	8	5	3	5	4	5	0	1	0	0	304
Patents By Year of Application:	243	21	11	8	5	5	5	1	5	0	0	0	0	0	0	304

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
GOULD INC.																
Patents By Year of Grant:	303	0	0	0	0	0	0	0	0	0	0	0	0	0	0	303
Patents By Year of Application:	303	0	0	0	0	0	0	0	0	0	0	0	0	0	0	303
LENOVO (SINGAPORE) PTE LTD																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	9	75	89	71	59	303
Patents By Year of Application:	0	0	0	2	7	6	48	44	76	59	40	17	2	2	0	303
THALES																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	12	24	37	45	54	60	71	303
Patents By Year of Application:	0	0	0	0	0	1	33	76	68	51	42	18	10	4	0	303
ASEA AKTIEBOLAG																
Patents By Year of Grant:	301	0	0	0	0	0	0	0	0	0	0	0	0	0	0	301
Patents By Year of Application:	301	0	0	0	0	0	0	0	0	0	0	0	0	0	0	301
MAZDA MOTOR CORPORATION																
Patents By Year of Grant:	165	14	17	16	14	10	13	5	7	7	6	11	4	8	4	301
Patents By Year of Application:	209	9	13	9	7	6	15	7	10	2	5	9	0	0	0	301
AISIN AW CO., LTD.																
Patents By Year of Grant:	48	9	8	26	31	29	18	8	19	14	15	24	14	21	16	300
Patents By Year of Application:	76	39	29	16	7	17	15	17	31	18	23	8	3	1	0	300
HITACHI DISPLAYS, LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	13	47	61	84	93	300
Patents By Year of Application:	0	0	0	0	0	0	1	1	58	84	62	50	39	4	1	300
INTERSIL AMERICAS INC.																
Patents By Year of Grant:	0	0	0	0	0	0	3	20	39	42	33	50	37	34	42	300
Patents By Year of Application:	0	0	0	3	8	22	41	40	35	59	39	30	18	5	0	300
TANDEM COMPUTERS INCORPORATED																
Patents By Year of Grant:	150	22	21	46	36	18	6	0	0	0	0	0	0	0	0	299
Patents By Year of Application:	229	26	31	11	2	0	0	0	0	0	0	0	0	0	0	299
GENERAL SIGNAL CORPORATION																
Patents By Year of Grant:	252	5	5	20	7	2	3	3	1	0	0	0	0	0	0	298
Patents By Year of Application:	265	17	6	4	2	3	1	0	0	0	0	0	0	0	0	298
Avago Technologies ECU IP (Singapore) Pte. Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	16	102	79	100	297
Patents By Year of Application:	0	0	0	0	0	1	3	1	42	90	100	30	26	4	0	297

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	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
BATTELLE MEMORIAL INSTITUTE																
Patents By Year of Grant:	100	2	3	6	4	8	9	11	19	23	27	31	18	17	18	296
Patents By Year of Application:	105	7	5	10	15	15	26	32	29	20	17	11	4	0	0	296
BELL ATLANTIC NETWORK SERVICES, INC.																
Patents By Year of Grant:	36	25	46	63	32	43	36	9	1	2	1	0	0	0	0	294
Patents By Year of Application:	152	44	52	31	11	4	0	0	0	0	0	0	0	0	0	294
CYMER, INC.																
Patents By Year of Grant:	0	0	4	14	23	30	23	19	31	24	16	25	32	33	16	290
Patents By Year of Application:	2	6	26	31	42	21	31	18	29	25	30	25	3	1	0	290
SIEMENS INFORMATION AND COMMUNICATIONS NETWORKS, INC.																
Patents By Year of Grant:	0	0	0	0	58	40	48	49	33	57	2	0	2	1	0	290
Patents By Year of Application:	4	31	78	81	46	19	23	5	2	0	1	0	0	0	0	290
BULL HN INFORMATION SYSTEMS INC.																
Patents By Year of Grant:	153	19	18	12	12	13	9	21	9	7	8	3	1	3	0	288
Patents By Year of Application:	195	11	15	18	18	14	6	5	3	3	0	0	0	0	0	288
HITACHI METALS LTD.																
Patents By Year of Grant:	131	19	11	20	9	8	9	7	7	6	11	14	8	12	16	288
Patents By Year of Application:	158	17	21	3	10	8	12	10	9	16	9	9	6	0	0	288
SHINKO ELECTRIC INDUSTRIES CO., LTD.																
Patents By Year of Grant:	24	3	3	7	12	10	24	26	30	20	15	22	26	30	36	288
Patents By Year of Application:	29	8	14	11	24	32	30	19	19	27	33	26	15	1	0	288
STMICROELECTRONICS, LTD.																
Patents By Year of Grant:	0	0	0	1	1	6	14	38	52	34	46	28	30	24	14	288
Patents By Year of Application:	2	1	2	6	67	43	51	50	25	20	16	3	1	1	0	288
QWEST COMMUNICATIONS INTERNATIONAL INC.																
Patents By Year of Grant:	0	1	0	0	0	5	37	37	39	35	27	40	29	18	19	287
Patents By Year of Application:	5	7	13	45	65	36	48	22	25	8	11	1	1	0	0	287
GM Global Technology Operations, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	6	48	91	141	286
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	6	112	88	69	11	0	286
WESTERN ATLAS INTERNATIONAL, INC.																
Patents By Year of Grant:	119	34	27	37	28	34	5	0	1	0	0	1	0	0	0	286
Patents By Year of Application:	171	35	43	31	4	0	1	1	0	0	0	0	0	0	0	286

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---- Organizational Patenting

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[illegible]

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2009) ---- Ranked List of Organizations with 200 or More Patents ----														
	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
MICROCHIP TECHNOLOGY INCORPORATED																
Patents By Year of Grant:	20	7	14	21	21	27	21	24	22	17	11	17	17	13	16	268
Patents By Year of Application:	41	21	31	28	12	25	48	3	9	16	12	6	8	8	0	268
CHARLES STARK DRAPER LABORATORY, INC.																
Patents By Year of Grant:	171	3	9	4	5	4	5	7	11	12	9	5	10	7	5	267
Patents By Year of Application:	186	2	8	3	6	7	15	12	11	5	6	6	0	0	0	267
ELECTRONIC DATA SYSTEMS CORPORATION																
Patents By Year of Grant:	11	4	8	53	48	18	13	21	7	12	11	16	22	16	4	264
Patents By Year of Application:	40	81	37	21	17	4	8	22	17	9	4	3	1	0	0	264
PARADYNE CORPORATION																
Patents By Year of Grant:	56	0	15	33	21	28	21	10	15	15	13	22	8	5	2	264
Patents By Year of Application:	87	15	51	28	24	24	14	4	7	3	5	2	0	0	0	264
ASMO CO., LTD.																
Patents By Year of Grant:	49	3	2	13	10	12	21	18	18	33	20	14	19	12	19	263
Patents By Year of Application:	58	8	10	12	14	21	29	20	22	26	11	26	5	1	0	263
LEAR CORPORATION																
Patents By Year of Grant:	0	0	0	3	5	7	9	11	17	19	29	60	43	28	32	263
Patents By Year of Application:	1	2	4	10	11	20	17	26	54	52	39	18	9	0	0	263
THE DIRECTV GROUP, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	21	35	46	50	54	56	262
Patents By Year of Application:	1	0	0	1	6	60	44	29	39	35	15	16	13	3	0	262
BENDIX CORPORATION (NOW ALLIED-SIGNAL INC.)																
Patents By Year of Grant:	261	0	0	0	0	0	0	0	0	0	0	0	0	0	0	261
Patents By Year of Application:	261	0	0	0	0	0	0	0	0	0	0	0	0	0	0	261
YOKOGAWA ELECTRIC CORP.																
Patents By Year of Grant:	58	11	10	11	6	6	11	7	12	6	30	23	21	22	27	261
Patents By Year of Application:	76	15	4	7	12	10	19	15	20	26	28	19	7	3	0	261
GOOGLE, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	4	3	7	16	32	58	140	260
Patents By Year of Application:	0	0	1	0	0	15	8	6	65	65	52	41	5	2	0	260
SPANSION LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	3	40	81	66	68	260
Patents By Year of Application:	0	0	0	0	0	0	0	5	13	51	93	67	27	4	0	260

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	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
UNIVERSITY OF MICHIGAN																
Patents By Year of Grant:	65	9	11	16	6	8	13	10	22	21	25	17	11	11	15	260
Patents By Year of Application:	87	13	11	10	10	15	22	25	30	15	12	8	1	1	0	260
PALM, INC.																
Patents By Year of Grant:	0	0	0	0	0	2	12	31	29	6	19	35	29	37	59	259
Patents By Year of Application:	0	0	4	7	22	32	68	21	12	21	31	30	7	4	0	259
CORNING CABLE SYSTEMS LLC																
Patents By Year of Grant:	0	0	0	0	0	1	4	33	32	36	27	27	32	32	32	256
Patents By Year of Application:	0	0	1	7	17	28	36	26	25	40	20	30	17	9	0	256
HITACHI CABLE, LTD.																
Patents By Year of Grant:	48	8	6	9	12	11	11	9	17	12	14	16	19	28	36	256
Patents By Year of Application:	60	10	17	12	10	6	22	17	10	20	27	26	14	5	0	256
ROBERTSHAW CONTROLS COMPANY																
Patents By Year of Grant:	201	8	6	3	1	4	0	0	5	1	2	4	7	6	7	255
Patents By Year of Application:	215	4	0	4	1	2	4	3	5	1	13	2	1	0	0	255
ITT INDUSTRIES, INC.																
Patents By Year of Grant:	232	1	1	16	2	1	1	0	0	0	0	0	0	0	0	254
Patents By Year of Application:	233	17	4	0	0	0	0	0	0	0	0	0	0	0	0	254
UNIVERSITY OF WASHINGTON																
Patents By Year of Grant:	21	11	13	17	15	19	21	13	19	17	18	10	18	21	20	253
Patents By Year of Application:	48	15	20	28	17	28	16	11	12	20	18	10	7	3	0	253
ALCATEL USA SOURCING, L.P.																
Patents By Year of Grant:	0	0	0	0	52	61	60	43	19	5	3	5	0	4	0	252
Patents By Year of Application:	0	34	104	52	32	20	2	2	3	1	2	0	0	0	0	252
FIRST DATA CORPORATION																
Patents By Year of Grant:	1	0	0	1	0	8	7	7	6	17	20	54	32	45	53	251
Patents By Year of Application:	1	4	0	10	19	8	25	48	48	29	17	28	13	1	0	251
ANRITSU CORPORATION																
Patents By Year of Grant:	87	7	2	11	6	10	6	11	19	22	17	11	10	15	16	250
Patents By Year of Application:	100	6	9	8	10	13	35	17	15	10	18	6	2	1	0	250
CHUNGHWA PICTURE TUBES, LTD.																
Patents By Year of Grant:	19	7	5	1	2	7	2	5	4	10	16	23	34	59	55	249
Patents By Year of Application:	30	2	2	9	2	1	9	15	21	31	68	46	10	3	0	249

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	Pre															
	1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
SRI INTERNATIONAL																
Patents By Year of Grant:	71	4	5	4	4	1	8	9	14	22	14	30	19	17	17	239
Patents By Year of Application:	81	6	3	5	9	31	29	19	7	17	8	12	11	1	0	239
SOCIETE NATIONALE INDUSTRIELLE AEROSPATIALE																
Patents By Year of Grant:	156	13	18	20	12	12	6	1	0	0	0	0	0	0	0	238
Patents By Year of Application:	191	19	13	9	6	0	0	0	0	0	0	0	0	0	0	238
GTE AUTOMATIC ELECTRIC LABORATORIES INCORPORATED																
Patents By Year of Grant:	237	0	0	0	0	0	0	0	0	0	0	0	0	0	0	237
Patents By Year of Application:	237	0	0	0	0	0	0	0	0	0	0	0	0	0	0	237
HEADWAY TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	2	2	3	1	6	12	10	12	29	50	35	48	27	237
Patents By Year of Application:	0	4	3	3	8	10	17	20	40	55	49	14	13	1	0	237
AMOCO CORPORATION																
Patents By Year of Grant:	218	7	3	5	3	0	0	0	0	0	0	0	0	0	0	236
Patents By Year of Application:	231	4	1	0	0	0	0	0	0	0	0	0	0	0	0	236
TOKYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	235	0	0	0	0	0	1	0	0	0	0	0	0	0	0	236
Patents By Year of Application:	235	0	0	1	0	0	0	0	0	0	0	0	0	0	0	236
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS																
Patents By Year of Grant:	95	3	5	2	6	1	11	10	9	15	16	18	14	13	17	235
Patents By Year of Application:	103	3	3	6	6	8	17	27	36	11	10	2	2	1	0	235
CTS CORPORATION																
Patents By Year of Grant:	55	6	3	11	25	23	30	20	19	9	12	7	4	4	7	235
Patents By Year of Application:	66	10	12	41	24	20	19	15	9	8	2	7	2	0	0	235
IMATION CORP.																
Patents By Year of Grant:	0	1	9	17	32	23	13	11	21	23	15	29	17	15	9	235
Patents By Year of Application:	26	11	32	17	20	20	20	15	20	29	12	10	3	0	0	235
SAMSUNG DISPLAY DEVICES CO., LTD.																
Patents By Year of Grant:	7	17	28	45	34	31	45	20	6	1	1	0	0	0	0	235
Patents By Year of Application:	60	42	34	45	47	4	3	0	0	0	0	0	0	0	0	235
CREDENCE SYSTEMS CORPORATION																
Patents By Year of Grant:	3	2	5	9	29	34	21	13	6	12	18	35	25	16	6	234
Patents By Year of Application:	9	9	34	27	22	20	9	19	20	38	17	8	2	0	0	234

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	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	5	0	4	9	7	11	13	21	29	22	18	26	18	22	29	234
Patents By Year of Application:	8	9	12	10	22	39	28	26	16	14	17	19	13	1	0	234
ROSEMOUNT INC.																
Patents By Year of Grant:	67	7	8	12	14	8	8	15	20	11	10	11	15	12	15	233
Patents By Year of Application:	87	9	17	8	23	16	11	10	14	14	7	12	5	0	0	233
ATT WIRELESS SERVICES INC																
Patents By Year of Grant:	0	0	2	13	40	18	23	42	37	42	8	6	0	0	1	232
Patents By Year of Application:	17	34	49	24	22	41	17	26	2	0	0	0	0	0	0	232
KLA-TENCOR CORPORATION																
Patents By Year of Grant:	0	0	0	4	10	10	14	12	38	23	9	20	8	34	50	232
Patents By Year of Application:	3	5	15	13	16	31	21	14	18	16	23	23	24	10	0	232
SPECTRA-PHYSICS, INC.																
Patents By Year of Grant:	214	0	0	1	1	0	0	0	1	3	6	5	1	0	0	232
Patents By Year of Application:	214	0	2	0	1	0	1	8	4	1	0	1	0	0	0	232
MITEL CORPORATION																
Patents By Year of Grant:	96	16	20	8	21	11	12	10	16	14	2	4	1	0	0	231
Patents By Year of Application:	132	13	22	12	26	17	8	0	1	0	0	0	0	0	0	231
READ-RITE CORPORATION																
Patents By Year of Grant:	24	4	10	29	28	26	44	50	15	0	1	0	0	0	0	231
Patents By Year of Application:	40	24	34	44	58	16	10	5	0	0	0	0	0	0	0	231
AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC.																
Patents By Year of Grant:	1	1	2	0	3	5	2	1	2	8	4	24	38	64	75	230
Patents By Year of Application:	6	2	3	4	2	10	20	27	25	46	29	14	42	0	0	230
KABUSHIKI KAISHA DAINI SEIKOSHA																
Patents By Year of Grant:	230	0	0	0	0	0	0	0	0	0	0	0	0	0	0	230
Patents By Year of Application:	230	0	0	0	0	0	0	0	0	0	0	0	0	0	0	230
FUTABA DENSHI KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	111	9	18	33	15	16	13	6	2	5	0	1	0	0	0	229
Patents By Year of Application:	146	28	19	14	10	5	6	0	1	0	0	0	0	0	0	229
IMMERSION CORPORATION																
Patents By Year of Grant:	0	0	0	1	9	23	30	18	8	25	14	30	25	21	23	227
Patents By Year of Application:	2	4	21	19	29	39	36	18	14	25	6	9	3	2	0	227

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	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
ASML HOLDING N.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	28	36	52	41	32	29	220
Patents By Year of Application:	0	0	0	0	1	3	7	23	47	65	43	21	8	2	0	220
AVID TECHNOLOGY, INC.																
Patents By Year of Grant:	8	7	5	12	18	32	24	25	24	21	11	10	8	6	8	219
Patents By Year of Application:	31	16	35	36	21	24	13	11	14	13	4	1	0	0	0	219
MESSERSCHMITT-BOLKOW-BLOHM GMBH																
Patents By Year of Grant:	216	0	1	1	0	0	0	0	0	0	0	0	0	0	0	218
Patents By Year of Application:	218	0	0	0	0	0	0	0	0	0	0	0	0	0	0	218
UNIVERSITY OF ILLINOIS																
Patents By Year of Grant:	38	6	10	6	10	9	11	13	11	21	11	22	15	14	21	218
Patents By Year of Application:	52	15	9	7	18	19	15	19	13	21	17	8	5	0	0	218
ALCATEL CANADA, INC.																
Patents By Year of Grant:	1	0	0	0	0	0	14	32	38	31	15	41	35	10	0	217
Patents By Year of Application:	1	0	5	38	61	23	36	48	2	1	1	1	0	0	0	217
EBARA CORPORATION																
Patents By Year of Grant:	36	7	6	15	8	9	11	12	14	14	16	23	19	18	9	217
Patents By Year of Application:	51	14	11	8	6	24	19	13	22	17	14	8	9	1	0	217
OSRAM OPTO SEMICONDUCTORS GMBH																
Patents By Year of Grant:	0	0	0	0	0	0	1	4	13	21	32	25	28	44	48	216
Patents By Year of Application:	0	0	0	0	2	9	20	51	47	37	36	8	4	2	0	216
TEXACO INC.																
Patents By Year of Grant:	194	7	5	2	1	1	1	0	1	0	0	0	2	0	2	216
Patents By Year of Application:	208	2	0	1	0	1	0	0	1	3	0	0	0	0	0	216
TYCO ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	2	21	29	34	20	22	22	23	21	22	216
Patents By Year of Application:	0	0	1	5	20	36	33	22	29	21	19	17	8	5	0	216
FUJITSU MICROELECTRONICS LIMITED																
Patents By Year of Grant:	0	0	0	0	1	0	0	0	0	0	0	0	0	0	214	215
Patents By Year of Application:	0	0	1	0	0	0	1	5	5	24	46	81	39	13	0	215
KYOCERA WIRELESS CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	1	22	31	47	43	36	34	215
Patents By Year of Application:	0	0	0	0	0	0	29	47	40	34	43	19	3	0	0	215

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	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
AVANEX CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	1	14	22	24	47	39	22	29	11	5	214
Patents By Year of Application:	0	0	0	4	15	30	33	61	37	19	11	2	2	0	0	214
LUTRON ELECTRONICS COMPANY, INC.																
Patents By Year of Grant:	78	3	4	6	10	5	8	5	5	9	4	16	15	18	28	214
Patents By Year of Application:	85	13	3	7	7	5	9	5	14	15	9	30	9	3	0	214
AT& T Intellectual Property, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	39	171	3	213
Patents By Year of Application:	0	0	0	1	0	11	24	44	44	25	25	31	8	0	0	213
WANG LABORATORIES, INC.																
Patents By Year of Grant:	192	11	5	2	3	0	0	0	0	0	0	0	0	0	0	213
Patents By Year of Application:	209	3	1	0	0	0	0	0	0	0	0	0	0	0	0	213
INTERNATIONAL COMPUTERS LIMITED																
Patents By Year of Grant:	148	12	7	16	8	2	4	10	5	0	0	0	0	0	0	212
Patents By Year of Application:	171	16	9	5	8	3	0	0	0	0	0	0	0	0	0	212
COLUMBIA UNIVERSITY																
Patents By Year of Grant:	29	11	7	9	9	12	8	5	10	13	18	15	22	22	21	211
Patents By Year of Application:	49	14	12	8	20	18	15	14	17	18	12	7	7	0	0	211
E-SYSTEMS, INC.																
Patents By Year of Grant:	172	17	8	12	2	0	0	0	0	0	0	0	0	0	0	211
Patents By Year of Application:	203	3	4	1	0	0	0	0	0	0	0	0	0	0	0	211
EMHART INDUSTRIES, INC.																
Patents By Year of Grant:	211	0	0	0	0	0	0	0	0	0	0	0	0	0	0	211
Patents By Year of Application:	211	0	0	0	0	0	0	0	0	0	0	0	0	0	0	211
NETLOGIC MICROSYSTEMS, INC.																
Patents By Year of Grant:	0	0	0	0	0	6	16	8	11	27	23	23	35	35	27	211
Patents By Year of Application:	0	0	2	4	15	19	22	31	32	28	23	24	9	2	0	211
ASULAB S.A.																
Patents By Year of Grant:	60	7	9	13	9	8	11	9	16	13	13	22	8	10	1	209
Patents By Year of Application:	77	8	11	14	11	14	20	18	17	10	6	3	0	0	0	209
VERIZON LABORATORIES INC.																
Patents By Year of Grant:	0	0	0	0	0	0	21	37	40	20	20	29	14	15	13	209
Patents By Year of Application:	3	0	8	13	66	53	20	19	12	3	5	4	3	0	0	209

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	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
WHIRLPOOL CORPORATION																
Patents By Year of Grant:	99	9	5	8	8	9	4	5	9	8	12	5	7	6	10	204
Patents By Year of Application:	115	7	8	4	7	3	13	10	10	8	8	7	3	1	0	204
INTERMEDICS, INC.																
Patents By Year of Grant:	86	19	11	3	11	19	23	10	13	3	3	0	0	1	1	203
Patents By Year of Application:	116	6	5	26	20	13	11	2	2	2	0	0	0	0	0	203
SEXTANT AVIONIQUE																
Patents By Year of Grant:	66	24	23	25	10	22	16	8	8	1	0	0	0	0	0	203
Patents By Year of Application:	114	29	12	22	20	6	0	0	0	0	0	0	0	0	0	203
ZILOG, INC.																
Patents By Year of Grant:	65	8	9	6	11	9	7	8	7	5	8	15	14	18	13	203
Patents By Year of Application:	85	7	13	8	12	9	6	3	11	23	10	8	4	4	0	203
GENESYS TELECOMMUNICATIONS LABORATORIES, INC.																
Patents By Year of Grant:	0	0	0	3	25	27	26	31	15	16	8	17	11	11	12	202
Patents By Year of Application:	0	3	49	39	24	25	9	16	9	10	4	8	6	0	0	202
LAM RESEARCH CORPORATION																
Patents By Year of Grant:	3	2	5	19	13	14	10	13	22	14	26	13	18	13	17	202
Patents By Year of Application:	17	16	12	13	11	22	18	23	17	21	16	8	5	3	0	202
COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	4	156	39	0	0	1	0	0	0	200
Patents By Year of Application:	3	3	14	54	56	36	31	3	0	0	0	0	0	0	0	200
HORIBA LTD.																
Patents By Year of Grant:	113	4	4	8	5	3	9	6	3	7	8	9	13	2	6	200
Patents By Year of Application:	125	5	5	7	8	6	5	11	7	5	13	2	1	0	0	200
SANKEN ELECTRIC COMPANY LIMITED																
Patents By Year of Grant:	17	1	0	4	1	4	2	8	11	15	10	21	38	31	37	200
Patents By Year of Application:	18	1	3	2	3	8	11	22	18	28	39	34	9	4	0	200
SIEMENS COMMUNICATIONS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	26	69	42	28	35	200
Patents By Year of Application:	0	0	1	5	14	20	39	49	38	21	10	3	0	0	0	200
TELCORDIA TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	14	29	23	17	17	20	23	33	9	7	8	200
Patents By Year of Application:	1	10	15	35	34	24	36	21	5	12	6	1	0	0	0	200

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	Pre 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
WESTERN DIGITAL CORPORATION																
Patents By Year of Grant:	69	3	11	30	33	28	25	0	0	1	0	0	0	0	0	200
Patents By Year of Application:	84	21	47	34	11	2	1	0	0	0	0	0	0	0	0	200
Other Organizations (71650)																
Patents By Year of Grant:	112405	9578	9491	13958	13981	14801	16163	17446	18707	20664	19138	25163	23187	24415	27088	366185
Patents By Year of Application:	135626	13675	16047	16960	19709	22784	25641	25820	24169	22652	19336	14625	7470	1593	78	366185