

# ALL TECHNOLOGIES REPORT

JANUARY 1,1986 -- DECEMBER 31, 2010



March 2011  
U.S. PATENT AND TRADEMARK OFFICE  
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*A PATENT TECHNOLOGY MONITORING TEAM REPORT*

# All Technologies Report

## 1/1/1986 - 12/31/2010

### Explanation of Data

This Patent Technology Monitoring Team (PTMT) report profiles utility patent activity (i.e., “patents for inventions”) for U.S. patents granted between **January 1986** and **December 2010** in all technology areas. The source of the data used for this report is the TAF database maintained by the U.S. Patent and Trademark Office.

#### 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 grant data by the year in which the patented applications were filed ("Patents Granted By Date of Patent Application"). Parts A1 and A2 each provide patent counts (pages A1-1 and A2-1) and percent distributions (pages A1-2 and A2-2).

Patent data, as shown in the "**Pre 1997**" column, correspond to the period **1986** through **1996**.

##### **Part B**

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since **1986**. Data are presented by the year in which the patent was granted ("Patents By Year of Grant") and the year the patented application was filed ("Patents by Year of Application").

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

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

Patented application data are of significant value since the date an application was filed more accurately reflects when the technology was developed. Additionally, fluctuations in data based on application date are much more likely to reflect changes in technological activity since, for the most part, such fluctuations would be immune from changes in U.S. Patent and Trademark Office (PTO) processing such as occurred in years such as in 1986 and 2005 when the PTO issued fewer patents than would have normally been expected because of administrative reasons. Note that a patent's "pendency" can be quite variable from one patent to another thereby affecting the date of patent grant. Such variation in pendency is determined by many factors, including PTO workload (which varies between technologies), budget and manpower levels, patent printing schedules, etc.

"Patents Granted By Date of Patent Application", as shown in the "**Pre 1997**" column, correspond to utility patent grants in the report that were filed prior to **1997**.

#### Parts of the Report

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

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

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

**Part B** is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) that have received 1000 or more U.S. utility patents since **1986**. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by year in which the patented applications were filed. Information regarding patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

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

## Part A1

Patent Grants as Distributed By Year of Patent Grant

	----	Patents	Granted	By	Date	Of	Patent	Grant	(Granted: Jan 01, 1986 - Dec 31, 2010)						----	
	----- NUMBER OF PATENTS -----															
	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
Total	1022675	111984	147517	153485	157494	166034	167330	169023	164290	143806	173772	157282	157772	167349	219614	3279427
U.S. Origin	549288	61708	80289	83906	85068	87599	86970	87893	84270	74637	89823	79526	77502	82382	107792	1718653
Foreign Origin	473387	50276	67228	69579	72426	78435	80360	81130	80020	69169	83949	77756	80270	84967	111822	1560774
JAPAN	218062	23179	30840	31104	31295	33223	34858	35515	35348	30341	36807	33354	33682	35501	44814	687923
GERMANY	80089	7008	9095	9337	10235	11260	11280	11444	10779	9011	10005	9051	8914	9000	12363	218871
TAIWAN	10390	2057	3100	3693	4667	5371	5431	5298	5938	5118	6361	6128	6339	6642	8238	84771
FRANCE	31266	2958	3674	3820	3819	4041	4035	3868	3380	2866	3431	3130	3163	3140	4450	81041
KOREA, SOUTH	5929	1891	3259	3562	3314	3538	3786	3944	4428	4352	5908	6295	7548	8762	11671	78187
UNITED KINGDOM	28349	2675	3464	3570	3662	3961	3831	3622	3443	3142	3581	3292	3087	3174	4302	77155
CANADA	20505	2379	2973	3226	3419	3606	3431	3427	3374	2894	3572	3318	3393	3655	4852	68024
ITALY	13068	1239	1584	1492	1714	1709	1751	1722	1584	1296	1480	1302	1357	1346	1798	34442
SWITZERLAND	13472	1090	1279	1279	1322	1420	1364	1308	1277	995	1201	1035	1112	1208	1608	30970
NETHERLANDS	9566	808	1226	1247	1241	1332	1391	1325	1273	993	1323	1250	1330	1288	1614	27207
SWEDEN	8557	867	1225	1401	1577	1741	1675	1521	1290	1123	1243	1061	1060	1014	1434	26789
AUSTRALIA	4759	478	720	707	705	876	859	902	953	910	1325	1265	1291	1221	1748	18719
ISRAEL	3467	534	754	743	783	970	1040	1193	1028	924	1218	1107	1166	1404	1819	18150
FINLAND	3350	452	595	649	618	732	809	865	918	720	950	850	824	864	1143	14339
BELGIUM	3748	515	693	648	694	718	722	622	612	519	625	520	510	594	820	12560
AUSTRIA	3864	376	387	479	505	589	530	592	540	463	577	457	464	503	727	11053
CHINA, PEOPLE'S REPUB	476	62	72	90	119	195	289	297	403	402	661	772	1225	1655	2657	9375
DENMARK	2163	333	392	487	436	479	426	529	414	358	439	388	391	390	605	8230
INDIA	256	47	85	112	131	178	249	342	363	384	481	546	634	679	1098	5585
SPAIN	1489	177	248	222	270	269	303	309	264	273	295	268	303	317	414	5421
SINGAPORE	327	94	120	144	218	296	410	427	449	346	412	393	399	436	603	5074
NORWAY	1306	142	198	224	248	265	242	262	243	220	244	247	273	265	399	4778
CHINA,HONG KONG S.A.R	607	81	160	155	179	237	233	276	312	283	308	338	311	305	429	4214
RUSSIAN FEDERATION	255	111	189	181	183	234	200	203	169	148	172	188	176	196	272	2877
SOUTH AFRICA	1176	101	115	110	111	120	113	112	100	87	109	82	91	93	116	2636
IRELAND	527	71	71	90	121	141	127	163	186	156	174	146	164	177	252	2566
NEW ZEALAND	541	85	114	114	107	124	140	135	142	122	136	113	105	127	168	2273
BRAZIL	512	62	74	91	98	110	96	130	106	77	121	90	101	103	175	1946
HUNGARY	947	25	50	39	36	60	48	72	48	46	49	47	66	46	91	1670
MEXICO	437	45	57	76	76	81	94	85	86	80	66	56	54	60	101	1454
MALAYSIA	72	17	23	30	42	39	55	50	80	88	113	158	152	158	202	1279
U.S.S.R.	1058	4	6	3	1		1									1073
ARGENTINA	241	35	43	44	54	51	54	63	46	24	38	37	32	45	45	852
LUXEMBOURG	273	22	20	22	40	33	37	35	44	41	33	38	24	36	31	729
VENEZUELA	263	25	27	39	27	26	30	19	18	8	13	11	14	8	13	541
CZECH REPUBLIC	7	14	13	24	32	23	31	41	31	25	34	37	48	44	74	478
Others ( 132 )	2013	217	283	325	327	387	389	412	351	334	444	386	467	511	676	7522
Ownership:																
U.S. Corporations	427494	50221	66052	69389	70887	74328	74154	75327	73021	65207	78925	70497	69960	74799	97756	1438017
U.S. Government	11320	944	1028	984	928	957	913	882	842	698	792	725	678	695	914	23300
U.S. Individuals	133713	12914	16407	16699	16129	15203	14115	13536	12172	10358	11857	9898	9022	8922	12012	312957
Foreign Corporations	396109	42907	57665	60168	63179	68938	71662	73098	72776	63114	77374	71956	74465	79202	104153	1376766
Foreign Government	4520	273	256	162	104	92	112	85	79	58	51	69	33	102	186	6182
Foreign Individuals	49519	4725	6109	6083	6267	6516	6374	6095	5400	4371	4773	4137	3614	3629	4593	122205

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1986 - Dec 31, 2010) ----

----- PERCENT OF PATENTS -----

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

Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	54	55	54	55	54	53	52	52	51	52	52	51	49	49	49	52
Foreign Origin	46	45	46	45	46	47	48	48	49	48	48	49	51	51	51	48

JAPAN	21	21	21	20	20	20	21	21	22	21	21	21	21	21	20	21
GERMANY	8	6	6	6	6	7	7	7	7	6	6	6	6	5	6	7
TAIWAN	1	2	2	2	3	3	3	3	4	4	4	4	4	4	4	3
FRANCE	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
KOREA, SOUTH	1	2	2	2	2	2	2	2	3	3	3	4	5	5	5	2
UNITED KINGDOM	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CANADA	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ITALY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SWITZERLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NETHERLANDS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SWEDEN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
AUSTRALIA						1	1	1	1	1	1	1	1	1	1	1
ISRAEL			1			1	1	1	1	1	1	1	1	1	1	1
FINLAND								1	1	1	1	1	1	1	1	0
BELGIUM																0
AUSTRIA																0
CHINA, PEOPLE'S REPUB													1	1	1	0
DENMARK																0
INDIA																0
SPAIN																0
SINGAPORE																0
NORWAY																0
CHINA,HONG KONG S.A.R																0
RUSSIAN FEDERATION																0
SOUTH AFRICA																0
IRELAND																0
NEW ZEALAND																0
BRAZIL																0
HUNGARY																0
MEXICO																0
MALAYSIA																0
U.S.S.R.																0
ARGENTINA																0
LUXEMBOURG																0
VENEZUELA																0
CZECH REPUBLIC																0
Others ( 132 )																0

## Ownership:

U.S. Corporations	42	45	45	45	45	45	44	45	44	45	45	45	44	45	45	44
U.S. Government	1	1	1	1	1	1	1	1	1							1
U.S. Individuals	13	12	11	11	10	9	8	8	7	7	7	6	6	5	5	10
Foreign Corporations	39	38	39	39	40	42	43	43	44	44	45	46	47	47	47	42
Foreign Government																0
Foreign Individuals	5	4	4	4	4	4	4	4	3	3	3	3	2	2	2	4

## Part A2

Patent Grants as Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1986 - Dec 31, 2010) ----

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 NUMBER OF PATENTED APPLICATIONS  
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Pre 1997 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 Total

Total	1311556	169364	168023	179574	194016	205055	207552	196256	182955	166341	139154	97809	48496	12225	1051	3279427
U.S. Origin	708750	91937	91168	96367	102662	103995	103816	98626	90765	82287	68600	49266	23628	6197	589	1718653
Foreign Origin	602806	77427	76855	83207	91354	101060	103736	97630	92190	84054	70554	48543	24868	6028	462	1560774

JAPAN	278673	35838	33227	34214	38957	43266	41709	40468	39008	37604	30390	21008	10815	2564	182	687923
GERMANY	97077	10254	10381	12213	12987	14204	15216	12807	10901	9152	6879	4385	1961	432	22	218871
TAIWAN	14541	3547	4522	5697	5051	5934	6865	7202	7332	6843	7043	5723	3470	931	70	84771
FRANCE	38755	4089	3988	4413	4793	4802	5032	4322	3616	3003	2213	1345	553	106	11	81041
KOREA, SOUTH	11437	3858	3951	3695	4203	4818	6016	7089	8311	8414	8048	5233	2469	587	58	78187
UNITED KINGDOM	35648	3929	4004	4397	4623	5158	5180	4335	3337	2554	1926	1283	612	156	13	77155
CANADA	26504	3472	3777	3902	4144	4181	4311	4053	3931	3398	2975	2066	998	290	22	68024
ITALY	16017	1677	1667	1761	1909	2177	2250	2031	1575	1337	1011	667	307	53	3	34442
SWITZERLAND	16013	1359	1386	1479	1581	1729	1735	1488	1277	1034	895	593	333	62	6	30970
NETHERLANDS	11966	1415	1269	1405	1580	1823	1853	1718	1714	1057	780	423	164	36	4	27207
SWEDEN	10934	1737	1783	1837	1911	1929	1841	1478	1125	910	698	416	145	42	3	26789
AUSTRALIA	6249	727	919	925	1194	1209	1465	1342	1530	1147	747	642	513	104	6	18719
ISRAEL	4991	846	945	1274	1432	1587	1491	1241	1165	1160	999	658	276	79	6	18150
FINLAND	4614	758	728	1005	1220	1361	1246	1031	868	637	486	250	115	19	1	14339
BELGIUM	5152	689	734	786	794	811	840	807	596	545	444	234	98	28	2	12560
AUSTRIA	4703	468	537	589	611	700	858	690	589	477	395	285	134	17		11053
CHINA, PEOPLE'S REPUB	615	100	125	185	331	491	644	734	1005	1181	1593	1210	868	268	25	9375
DENMARK	3028	476	484	558	550	704	676	529	414	329	267	112	62	37	4	8230
INDIA	399	121	138	205	333	479	675	742	695	610	546	403	202	34	3	5585
SPAIN	1932	270	255	268	331	446	414	402	333	310	230	145	64	21		5421
SINGAPORE	569	173	234	364	463	529	568	473	475	411	365	272	146	29	3	5074
NORWAY	1687	228	227	312	323	380	426	341	282	218	189	108	40	14	3	4778
CHINA,HONG KONG S.A.R	840	156	189	236	260	370	385	408	375	335	283	248	105	22	2	4214
RUSSIAN FEDERATION	589	195	190	253	249	269	235	231	176	154	163	101	50	19	3	2877
SOUTH AFRICA	1404	110	122	129	132	165	155	120	125	69	55	29	12	7	2	2636
IRELAND	702	109	155	140	196	210	261	192	177	177	117	87	35	8		2566
NEW ZEALAND	762	129	118	130	182	208	202	208	124	91	61	39	17	2		2273
BRAZIL	665	91	93	119	118	141	172	142	149	75	85	60	29	3	4	1946
HUNGARY	1032	38	53	56	73	73	103	62	58	62	24	21	12	3		1670
MEXICO	555	71	88	84	99	119	85	101	60	68	66	32	23	3		1454
MALAYSIA	116	42	25	56	57	88	87	150	183	153	141	112	61	8		1279
U.S.S.R.	1068	3	2													1073
ARGENTINA	326	46	58	44	64	76	46	45	47	25	36	23	15	1		852
LUXEMBOURG	318	32	32	35	41	48	61	49	40	29	19	15	7	3		729
VENEZUELA	313	33	33	31	29	32	20	8	9	14	6	9	1	3		541
CZECH REPUBLIC	48	23	28	23	33	56	40	45	50	42	37	35	15	3		478
Others ( 132 )	2564	318	388	387	500	487	573	546	538	429	342	271	141	34	4	7522

## Ownership:

U.S. Corporations	561671	77258	76897	82149	88388	91034	91116	86647	79626	72997	60840	42992	20681	5200	521	1438017
U.S. Government	13746	964	929	850	995	1024	984	898	811	776	582	459	221	56	5	23300
U.S. Individuals	162652	16937	15967	15902	15873	14575	14689	13535	11979	10579	8814	6768	3589	1023	75	312957
Foreign Corporations	508362	67750	68088	73755	81580	91111	93525	89023	85670	78058	65648	45315	22855	5601	425	1376766
Foreign Government	5064	169	111	109	136	97	109	96	94	73	48	42	24	9	1	6182
Foreign Individuals	60061	6286	6031	6809	7044	7214	7129	6057	4775	3858	3222	2233	1126	336	24	122205

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1986 - Dec 31, 2010) ----

----- PERCENT OF PATENTED APPLICATIONS -----

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

Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	54	54	54	54	53	51	50	50	50	49	49	50	49	51	56	52
Foreign Origin	46	46	46	46	47	49	50	50	50	51	51	50	51	49	44	48

JAPAN	21	21	20	19	20	21	20	21	21	23	22	21	22	21	17	21
GERMANY	7	6	6	7	7	7	7	7	6	6	5	4	4	4	2	7
TAIWAN	1	2	3	3	3	3	3	4	4	4	5	6	7	8	7	3
FRANCE	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
KOREA, SOUTH	1	2	2	2	2	2	3	4	5	5	6	5	5	5	6	2
UNITED KINGDOM	3	2	2	2	2	3	2	2	2	2	1	1	1	1	1	2
CANADA	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ITALY	1	1	1	1	1	1	1	1	1	1	1	1	1			1
SWITZERLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NETHERLANDS	1	1	1	1	1	1	1	1	1	1	1					1
SWEDEN	1	1	1	1	1	1	1	1	1	1	1					1
AUSTRALIA			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
FINLAND				1	1	1	1	1								0
BELGIUM																0
AUSTRIA																0
CHINA, PEOPLE'S REPUB									1	1	1	1	2	2	2	0
DENMARK																0
INDIA																0
SPAIN																0
SINGAPORE																0
NORWAY																0
CHINA,HONG KONG S.A.R																0
RUSSIAN FEDERATION																0
SOUTH AFRICA																0
IRELAND																0
NEW ZEALAND																0
BRAZIL																0
HUNGARY																0
MEXICO																0
MALAYSIA																0
U.S.S.R.																0
ARGENTINA																0
LUXEMBOURG																0
VENEZUELA																0
CZECH REPUBLIC																0
Others ( 132 )																0

## Ownership:

U.S. Corporations	43	46	46	46	46	44	44	44	44	44	44	44	43	43	50	44
U.S. Government	1	1	1		1											1
U.S. Individuals	12	10	10	9	8	7	7	7	7	6	6	7	7	8	7	10
Foreign Corporations	39	40	41	41	42	44	45	45	47	47	47	46	47	46	40	42
Foreign Government																0
Foreign Individuals	5	4	4	4	4	4	3	3	3	2	2	2	2	3	2	4



**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, 1986 - Dec 31, 2010) ---- Ranked List of Organizations with 1000 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	10127	1724	2657	2756	2886	3411	3288	3415	3248	2941	3621	3125	4169	4887	5866	58121
Patents By Year of Application:	15661	3604	3777	4385	4350	4002	3480	3775	3460	3280	2822	2850	2437	231	7	58121
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	10611	1377	1926	1793	1890	1877	1892	1992	1806	1829	2368	1983	2107	2200	2551	38202
Patents By Year of Application:	15744	2444	1777	1943	1838	2079	1840	2155	2104	2409	1703	1293	664	195	14	38202
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	2169	584	1305	1542	1437	1446	1328	1313	1604	1641	2451	2723	3502	3592	4518	31155
Patents By Year of Application:	4389	1613	1847	1475	1352	1610	2020	2976	3469	3474	3544	2261	941	170	14	31155
TOSHIBA CORPORATION																
Patents By Year of Grant:	10052	862	1170	1200	1232	1149	1130	1184	1311	1258	1672	1519	1575	1669	2212	29195
Patents By Year of Application:	12408	1331	1293	1153	1197	1406	1496	1532	1766	1611	1608	1334	777	276	7	29195
HITACHI, LTD																
Patents By Year of Grant:	10095	903	1094	1008	1036	1272	1600	1892	1513	1271	1732	1381	1301	1051	1447	28596
Patents By Year of Application:	12555	1066	977	1325	1624	2220	1884	1545	1688	1253	1126	817	425	67	24	28596
SONY CORPORATION																
Patents By Year of Grant:	4977	861	1316	1417	1385	1363	1434	1311	1305	1135	1771	1454	1461	1656	2130	24976
Patents By Year of Application:	7699	1968	1558	1666	1687	1861	1493	1506	1434	1855	1127	763	290	63	6	24976
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	5757	746	1034	1052	1137	1440	1544	1774	1934	1688	2229	1910	1469	47	13	23774
Patents By Year of Application:	7833	1279	1364	1580	1968	2313	2103	2119	1678	945	473	114	4	1	0	23774
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	9013	664	729	699	787	1107	1416	1139	976	904	1051	911	911	976	1222	22505
Patents By Year of Application:	10459	769	917	1234	1396	1265	1160	1203	1102	1174	966	566	250	43	1	22505
NEC CORPORATION																
Patents By Year of Grant:	6299	1095	1627	1843	2020	1953	1821	1181	813	661	728	600	527	511	652	22331
Patents By Year of Application:	9265	2325	2339	2125	1789	1362	845	619	554	524	314	169	81	20	0	22331
FUJITSU LIMITED																
Patents By Year of Grant:	4641	903	1189	1192	1146	1166	1211	1302	1296	1154	1487	1293	1475	1188	1276	21919
Patents By Year of Application:	7328	1428	1455	1273	1438	1606	1387	1197	1380	1497	1028	567	265	64	6	21919
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	8763	892	1080	1054	1010	1184	1373	1243	784	614	610	477	481	521	692	20778
Patents By Year of Application:	10891	1176	1042	1115	1308	1452	1046	619	653	498	448	332	160	35	3	20778

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
INTEL CORPORATION																
Patents By Year of Grant:	1318	405	701	733	795	809	1077	1592	1601	1549	1959	1864	1772	1534	1652	19361
Patents By Year of Application:	2833	1002	1096	1391	1726	1796	2019	2217	1842	1497	1116	579	204	38	5	19361
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	701	318	581	934	1304	1643	1834	1707	1760	1561	1610	1476	1250	966	917	18562
Patents By Year of Application:	1730	1202	1514	1557	1844	1946	2020	1577	1617	1310	1299	563	295	83	5	18562
MOTOROLA, INC.																
Patents By Year of Grant:	6782	1058	1406	1192	1196	778	712	610	564	456	576	411	350	339	395	16825
Patents By Year of Application:	9550	1394	1025	692	983	649	711	570	416	366	310	132	23	4	0	16825
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	7341	795	1124	992	875	719	694	748	712	578	688	492	320	296	352	16726
Patents By Year of Application:	9154	1095	1110	666	892	813	827	687	617	383	251	157	52	20	2	16726
MICROSOFT CORPORATION																
Patents By Year of Grant:	197	199	334	352	344	396	499	499	629	746	1463	1638	2026	2901	3086	15309
Patents By Year of Application:	972	503	641	762	1058	921	1094	1656	2701	2877	1381	560	153	25	5	15309
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	5134	454	626	722	912	793	674	660	732	689	854	698	721	710	861	15240
Patents By Year of Application:	6221	828	963	993	872	962	976	862	912	691	504	275	153	28	0	15240
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	4077	607	611	598	686	797	717	764	898	734	880	749	755	649	827	14349
Patents By Year of Application:	5616	759	706	802	791	934	980	947	741	728	569	450	241	74	11	14349
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	6757	467	547	539	542	583	687	804	1025	750	906	294	14	14	3	13932
Patents By Year of Application:	7865	667	558	689	926	975	916	771	390	150	22	1	2	0	0	13932
XEROX CORPORATION																
Patents By Year of Grant:	4492	606	769	665	569	716	693	613	514	426	501	513	529	620	853	13079
Patents By Year of Application:	5896	648	862	854	783	556	594	512	502	808	554	325	149	33	3	13079
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1292	1775	1790	2099	1466	1422	1269	1480	12593
Patents By Year of Application:	10	27	97	328	1000	2174	2228	2577	1673	1304	586	467	95	25	2	12593
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	1069	225	312	302	396	498	618	764	839	884	1200	1205	1219	1328	1438	12297
Patents By Year of Application:	1764	372	479	586	719	942	1019	1249	1497	1309	1166	749	357	84	5	12297

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	3205	341	389	461	463	562	653	647	736	698	778	677	703	725	987	12025
Patents By Year of Application:	3940	469	521	441	739	775	994	890	906	838	635	550	274	46	7	12025
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	3744	395	560	521	586	526	534	493	529	473	665	646	585	639	794	11690
Patents By Year of Application:	4880	593	623	482	688	670	613	781	727	648	515	311	122	32	5	11690
RICOH COMPANY, LTD.																
Patents By Year of Grant:	2959	328	403	405	414	372	326	410	530	469	693	727	851	985	1198	11070
Patents By Year of Application:	3778	441	424	450	470	559	703	840	790	849	873	589	259	44	1	11070
ROBERT BOSCH GMBH																
Patents By Year of Grant:	2966	267	348	419	547	700	679	753	903	756	646	568	413	465	586	11016
Patents By Year of Application:	3608	494	524	760	778	988	1277	985	583	480	270	191	62	16	0	11016
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	5133	311	393	338	338	330	312	340	330	251	362	369	325	359	492	9983
Patents By Year of Application:	5822	403	335	338	394	374	381	429	382	383	359	231	100	46	6	9983
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	6123	473	725	735	693	702	253	4	2	0	2	0	0	0	1	9713
Patents By Year of Application:	7561	803	687	466	175	21	0	0	0	0	0	0	0	0	0	9713
ADVANCED MICRO DEVICES, INC.																
Patents By Year of Grant:	1030	271	556	825	1053	1086	1154	904	802	526	439	304	194	181	164	9489
Patents By Year of Application:	1998	1116	1006	979	1234	989	844	494	333	207	158	88	34	9	0	9489
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	289	768	928	1152	1411	1109	662	621	534	405	552	432	405	4	1	9273
Patents By Year of Application:	2325	1266	1701	1413	844	433	408	474	242	115	41	11	0	0	0	9273
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	3219	530	805	850	901	978	1061	403	0	7	10	3	0	0	9	8776
Patents By Year of Application:	4784	1005	936	868	656	487	30	0	3	5	0	1	1	0	0	8776
BASF AKTIENGESELLSCHAFT																
Patents By Year of Grant:	3635	276	399	414	509	486	473	393	343	231	278	225	214	177	225	8278
Patents By Year of Application:	4297	478	514	504	500	509	543	397	252	131	98	40	10	5	0	8278
AT&T CORP.																
Patents By Year of Grant:	5151	46	150	278	294	289	284	208	218	202	264	273	248	141	84	8130
Patents By Year of Application:	5492	487	344	301	269	305	222	143	150	240	95	58	22	2	0	8130

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	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
BAYER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	4569	357	381	341	304	362	398	348	329	176	148	38	11	5	9	7776
Patents By Year of Application:	5327	386	284	357	340	437	423	153	43	13	8	4	0	1	0	7776
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	4022	277	305	275	254	176	190	291	376	392	490	343	194	94	7	7686
Patents By Year of Application:	4548	264	278	172	218	286	521	570	600	190	33	5	1	0	0	7686
SUN MICROSYSTEMS, INC.																
Patents By Year of Grant:	408	152	423	560	465	436	502	564	678	653	776	610	509	561	198	7495
Patents By Year of Application:	1347	664	506	571	694	874	1006	620	503	367	258	63	22	0	0	7495
LG ELECTRONICS INC.																
Patents By Year of Grant:	22	114	215	229	220	248	341	410	480	463	694	682	805	1064	1488	7475
Patents By Year of Application:	396	306	288	317	467	639	705	826	1009	990	757	492	152	116	15	7475
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	2227	211	387	402	342	330	296	273	268	271	384	351	387	453	721	7303
Patents By Year of Application:	2790	496	338	314	296	345	294	374	499	575	549	290	110	30	3	7303
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
Patents By Year of Grant:	0	0	0	0	0	12	842	1354	1217	763	896	547	483	504	662	7280
Patents By Year of Application:	41	36	171	583	1125	1749	1421	813	639	400	216	71	10	5	0	7280
DENSO CORPORATION																
Patents By Year of Grant:	0	7	124	305	369	435	482	552	646	609	732	753	655	710	797	7176
Patents By Year of Application:	121	348	385	440	441	637	671	754	764	860	772	654	286	41	2	7176
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	2911	288	341	349	351	313	378	359	317	258	270	268	224	232	302	7161
Patents By Year of Application:	3660	362	348	286	335	358	350	341	314	270	210	205	86	32	4	7161
PROCTER + GAMBLE COMPANY																
Patents By Year of Grant:	1798	406	454	550	465	426	433	438	397	296	273	215	208	195	332	6886
Patents By Year of Application:	2799	582	404	456	527	514	435	327	236	239	156	119	57	31	4	6886
INFINEON TECHNOLOGIES AG																
Patents By Year of Grant:	0	0	0	0	42	218	452	639	785	787	890	847	809	595	763	6827
Patents By Year of Application:	6	8	85	173	484	843	1135	990	925	947	667	402	136	26	0	6827
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	1205	264	386	434	432	401	430	437	422	388	410	333	237	251	349	6379
Patents By Year of Application:	2180	415	449	463	488	532	474	418	304	256	217	125	43	12	3	6379

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	1193	164	251	239	251	286	367	373	377	352	516	454	446	433	489	6191
Patents By Year of Application:	1654	277	326	319	472	473	498	462	485	462	362	250	126	25	0	6191
BOEING COMPANY																
Patents By Year of Grant:	1636	114	157	147	136	163	199	266	420	403	478	428	421	532	658	6158
Patents By Year of Application:	2004	120	140	130	187	379	528	613	554	553	502	295	121	28	4	6158
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	2719	138	164	211	251	260	249	260	261	290	328	268	222	253	274	6148
Patents By Year of Application:	3044	203	252	222	250	311	354	354	399	369	179	161	47	3	0	6148
MINNESOTA MINING AND MANUFACTURING COMPANY																
Patents By Year of Grant:	4260	548	554	317	50	14	11	6	3	1	1	0	0	0	0	5765
Patents By Year of Application:	5384	322	42	8	5	3	0	1	0	0	0	0	0	0	0	5765
CISCO TECHNOLOGY, INC.																
Patents By Year of Grant:	0	0	19	45	104	164	223	336	433	440	649	580	704	913	1114	5724
Patents By Year of Application:	51	119	281	529	685	619	619	641	600	719	494	258	89	20	0	5724
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	129	130	218	290	385	530	449	431	463	441	471	467	365	311	435	5515
Patents By Year of Application:	428	309	384	586	353	452	685	535	632	418	362	257	90	23	1	5515
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	1561	149	209	264	224	190	115	105	165	152	238	325	462	529	770	5458
Patents By Year of Application:	1986	264	294	148	104	111	173	319	392	501	631	353	149	33	0	5458
TELEFONAKTIEBOLAGET LM ERICSSON																
Patents By Year of Grant:	568	113	204	366	463	507	513	471	390	331	359	253	263	248	388	5437
Patents By Year of Application:	1042	596	651	623	717	538	357	273	277	175	108	53	24	2	1	5437
HON HAI PRECISION IND. CO., LTD.																
Patents By Year of Grant:	12	22	37	106	397	441	392	391	486	291	432	321	498	666	874	5366
Patents By Year of Application:	73	76	206	525	276	460	542	355	516	333	626	572	557	237	12	5366
NIKON CORPORATION																
Patents By Year of Grant:	1489	479	575	365	280	285	245	299	228	183	142	134	157	153	218	5232
Patents By Year of Application:	2481	505	281	296	347	300	198	175	125	201	163	90	58	8	4	5232
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	0	0	172	434	431	529	572	525	416	471	459	394	322	492	5217
Patents By Year of Application:	150	287	420	459	535	673	609	578	459	412	338	174	95	25	3	5217

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	0	0	57	205	342	377	535	460	559	538	619	655	824	5171
Patents By Year of Application:	20	33	115	187	443	477	570	585	716	762	636	423	177	26	1	5171
APPLIED MATERIALS, INC.																
Patents By Year of Grant:	371	93	176	264	386	433	503	537	360	352	354	285	274	299	439	5126
Patents By Year of Application:	831	363	364	427	587	443	464	339	318	298	354	229	88	18	3	5126
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	2338	158	304	365	333	304	240	221	210	159	169	113	53	41	33	5041
Patents By Year of Application:	2866	431	406	356	348	277	182	119	20	13	9	10	3	1	0	5041
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																
Patents By Year of Grant:	546	97	127	184	159	210	246	273	336	292	405	413	468	545	733	5034
Patents By Year of Application:	952	235	184	257	272	363	408	416	536	453	426	301	179	48	4	5034
FUJI XEROX CO., LTD.																
Patents By Year of Grant:	1066	182	277	248	192	158	182	174	198	199	246	313	332	425	571	4763
Patents By Year of Application:	1609	271	183	195	235	236	212	385	313	407	397	213	87	19	1	4763
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	3761	163	175	141	133	167	118	42	28	10	9	5	0	3	0	4755
Patents By Year of Application:	4136	154	123	135	122	58	19	2	3	1	2	0	0	0	0	4755
BROADCOM CORPORATION																
Patents By Year of Grant:	0	2	2	0	6	42	74	167	299	414	660	533	643	714	958	4514
Patents By Year of Application:	5	7	14	91	227	356	644	646	816	624	492	383	153	49	7	4514
MURATA MANUFACTURING CO., LTD.																
Patents By Year of Grant:	911	150	217	268	302	320	444	446	373	228	176	106	161	173	190	4465
Patents By Year of Application:	1307	293	282	360	474	432	348	276	194	91	63	155	133	46	11	4465
Panasonic Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	255	1759	2443	4457
Patents By Year of Application:	0	1	3	2	10	29	84	269	635	1018	954	778	521	137	16	4457
SHELL OIL COMPANY																
Patents By Year of Grant:	2472	123	143	131	132	127	79	100	170	119	185	138	135	141	178	4373
Patents By Year of Application:	2757	144	128	110	114	229	242	155	179	100	94	91	22	7	1	4373
NOKIA CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	7	41	212	367	335	597	679	608	648	758	4253
Patents By Year of Application:	1	4	19	211	388	713	759	676	591	417	302	124	43	5	0	4253

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
DELPHI TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	2	94	327	640	635	548	406	389	356	311	308	232	4248
Patents By Year of Application:	3	4	44	373	629	731	618	506	372	418	271	204	65	10	0	4248
HOECHST AKTIENGESELLSCHAFT																
Patents By Year of Grant:	3200	353	327	152	82	18	18	9	1	2	0	0	0	1	0	4163
Patents By Year of Application:	3895	203	39	14	5	4	2	0	1	0	0	0	0	0	0	4163
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	2069	213	278	222	281	253	260	251	119	80	62	30	15	14	10	4157
Patents By Year of Application:	2635	244	268	281	264	218	128	70	18	13	10	6	2	0	0	4157
YAZAKI CORP.																
Patents By Year of Grant:	931	238	290	307	304	335	311	311	202	156	154	146	164	140	152	4141
Patents By Year of Application:	1448	319	305	285	357	308	253	168	169	144	141	120	97	27	0	4141
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	3910	72	81	11	4	0	1	0	0	0	0	0	0	0	0	4079
Patents By Year of Application:	4049	28	1	0	1	0	0	0	0	0	0	0	0	0	0	4079
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																
Patents By Year of Grant:	657	154	218	208	198	221	217	207	197	161	255	229	286	391	476	4075
Patents By Year of Application:	1017	225	209	256	219	221	251	278	297	320	357	250	140	34	1	4075
OKI ELECTRIC INDUSTRY CO., LTD.																
Patents By Year of Grant:	928	68	120	200	224	299	326	295	307	315	318	279	232	82	64	4057
Patents By Year of Application:	1137	247	302	268	336	308	392	365	272	226	131	49	17	7	0	4057
SUMITOMO ELECTRIC INDUSTRIES CO., LTD.																
Patents By Year of Grant:	1751	172	158	162	136	156	170	183	177	169	160	149	145	156	175	4019
Patents By Year of Application:	2131	162	134	143	183	203	209	226	170	164	135	90	47	19	3	4019
NATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	1082	188	178	197	187	183	208	217	219	223	259	227	191	200	204	3963
Patents By Year of Application:	1471	174	229	191	220	230	263	270	306	237	135	166	60	11	0	3963
NORTEL NETWORKS LIMITED																
Patents By Year of Grant:	0	0	0	92	392	463	413	435	497	377	320	272	272	245	180	3958
Patents By Year of Application:	81	440	664	696	707	308	335	311	220	85	73	25	11	2	0	3958
CATERPILLAR INC.																
Patents By Year of Grant:	953	212	197	262	334	258	246	220	174	154	142	176	172	161	219	3880
Patents By Year of Application:	1394	262	299	294	264	244	249	154	142	201	188	136	52	1	0	3880



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	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
HYNIX SEMICONDUCTOR INC.																
Patents By Year of Grant:	0	0	0	0	0	4	99	244	337	358	438	406	435	585	973	3879
Patents By Year of Application:	1	2	6	14	45	266	429	431	472	478	559	649	451	67	9	3879
RENESAS TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	20	913	606	583	505	500	369	342	3838
Patents By Year of Application:	2	3	11	28	89	284	737	746	494	459	428	359	159	38	1	3838
TDK CORPORATION																
Patents By Year of Grant:	685	74	83	104	160	216	258	231	204	159	292	338	322	342	359	3827
Patents By Year of Application:	846	109	200	247	275	270	187	261	444	340	320	221	88	17	2	3827
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	1732	168	166	140	141	161	145	129	134	127	181	144	129	116	146	3759
Patents By Year of Application:	2091	144	157	149	161	143	160	165	186	174	124	71	30	4	0	3759
CIBA-GEIGY CORPORATION																
Patents By Year of Grant:	3471	238	16	4	3	0	2	0	0	0	0	0	0	0	0	3734
Patents By Year of Application:	3732	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3734
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	2150	123	117	107	118	101	78	58	54	82	133	122	130	138	212	3723
Patents By Year of Application:	2430	117	117	93	49	71	86	124	192	158	192	70	20	2	2	3723
LSI LOGIC CORPORATION																
Patents By Year of Grant:	341	168	229	337	325	289	308	374	378	339	384	105	107	29	7	3720
Patents By Year of Application:	883	396	385	230	280	509	437	342	146	79	19	9	5	0	0	3720
AGILENT TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	122	334	312	387	645	559	468	283	261	178	124	3673
Patents By Year of Application:	18	29	238	358	378	514	683	563	322	284	200	62	23	1	0	3673
SILVERBROOK RESEARCH PTY. LTD																
Patents By Year of Grant:	0	0	0	0	10	117	121	122	172	247	510	533	608	474	752	3666
Patents By Year of Application:	0	0	158	33	236	82	254	341	731	595	338	404	415	73	6	3666
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	2768	119	140	147	183	162	67	39	13	3	1	2	0	0	0	3644
Patents By Year of Application:	3055	161	170	193	34	20	9	1	1	0	0	0	0	0	0	3644
MOBIL OIL CORP.																
Patents By Year of Grant:	3216	91	67	72	70	52	14	4	4	3	0	0	1	0	0	3594
Patents By Year of Application:	3398	68	70	51	5	0	0	1	0	1	0	0	0	0	0	3594

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
EATON CORPORATION																
Patents By Year of Grant:	1519	145	164	222	194	148	156	139	123	125	136	121	119	141	125	3577
Patents By Year of Application:	1803	186	196	175	185	133	146	146	154	162	138	116	29	8	0	3577
KONICA CORPORATION																
Patents By Year of Grant:	1940	125	166	159	152	148	177	146	194	124	113	65	39	15	8	3571
Patents By Year of Application:	2212	179	183	159	165	174	216	222	16	20	14	8	3	0	0	3571
FORD MOTOR COMPANY																
Patents By Year of Grant:	2447	265	147	151	102	27	18	46	58	46	41	31	42	32	34	3487
Patents By Year of Application:	2833	145	114	44	77	29	57	56	42	33	31	23	2	0	1	3487
QUALCOMM, INC.																
Patents By Year of Grant:	107	45	82	110	100	173	196	178	283	200	399	278	286	356	657	3450
Patents By Year of Application:	316	132	177	281	220	408	401	326	317	343	308	144	71	6	0	3450
MEDTRONIC INC.																
Patents By Year of Grant:	536	91	243	208	231	185	171	192	178	181	233	250	148	217	374	3438
Patents By Year of Application:	863	245	234	238	227	278	259	343	236	204	178	104	16	13	0	3438
Fujifilm Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	660	863	873	1025	3424
Patents By Year of Application:	0	1	2	5	39	81	143	312	518	829	808	417	218	50	1	3424
MERCK + CO., INC.																
Patents By Year of Grant:	1610	161	178	216	182	185	174	132	58	64	78	102	99	123	26	3388
Patents By Year of Application:	1948	229	210	184	169	153	114	142	113	68	34	17	7	0	0	3388
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	370	86	101	146	179	203	237	192	223	199	211	225	245	329	435	3381
Patents By Year of Application:	580	169	184	168	297	270	285	304	267	260	283	210	90	14	0	3381
L'OREAL S.A.																
Patents By Year of Grant:	800	165	182	259	227	268	280	208	128	107	153	163	144	115	161	3360
Patents By Year of Application:	1245	264	209	288	301	243	216	166	144	135	71	43	26	8	1	3360
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	1002	76	100	151	193	263	210	252	239	215	187	168	145	91	56	3348
Patents By Year of Application:	1187	179	194	251	270	283	211	235	189	164	88	57	29	8	3	3348
SUMITOMO CHEMICAL COMPANY, LIMITED																
Patents By Year of Grant:	1432	123	148	136	149	168	187	174	152	113	102	109	80	107	132	3312
Patents By Year of Application:	1753	152	138	173	171	212	201	149	121	103	53	49	31	6	0	3312

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
UNITED MICROELECTRONICS CORPORATION																
Patents By Year of Grant:	384	149	174	266	430	584	277	188	77	95	106	125	120	151	159	3285
Patents By Year of Application:	707	226	521	483	276	226	120	93	134	173	126	120	70	8	2	3285
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	587	48	45	80	122	158	177	194	206	178	224	217	259	274	464	3233
Patents By Year of Application:	704	100	129	136	223	218	297	261	243	234	299	241	122	21	5	3233
HUGHES AIRCRAFT COMPANY																
Patents By Year of Grant:	3026	130	50	6	1	0	0	0	0	0	1	0	0	0	0	3214
Patents By Year of Application:	3211	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3214
YAMAHA CORPORATION																
Patents By Year of Grant:	943	140	198	208	141	115	130	113	109	142	169	174	193	211	204	3190
Patents By Year of Application:	1312	209	149	127	152	183	179	211	162	187	121	113	81	4	0	3190
KIMBERLY-CLARK WORLDWIDE, INC.																
Patents By Year of Grant:	0	95	161	175	224	234	247	363	301	256	224	173	142	159	236	2990
Patents By Year of Application:	340	270	190	280	370	412	395	250	163	156	98	41	17	7	1	2990
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	1042	102	138	142	113	125	135	127	132	136	139	141	134	134	174	2914
Patents By Year of Application:	1363	128	150	153	152	151	173	173	124	133	130	52	29	3	0	2914
CORNING INCORPORATED																
Patents By Year of Grant:	817	78	72	102	111	214	247	257	235	113	133	128	96	121	181	2905
Patents By Year of Application:	971	105	125	261	258	271	233	149	123	120	108	114	49	16	2	2905
RAYTHEON COMPANY																
Patents By Year of Grant:	660	20	117	219	205	182	157	184	176	145	207	126	123	167	205	2893
Patents By Year of Application:	952	237	144	136	157	180	213	198	186	170	132	114	58	15	1	2893
APPLE COMPUTER, INC.																
Patents By Year of Grant:	479	206	256	169	85	97	76	80	94	85	106	118	185	289	563	2888
Patents By Year of Application:	1109	128	89	85	78	111	137	184	180	206	270	188	81	40	2	2888
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	0	0	0	0	59	285	323	397	428	280	255	162	185	198	279	2851
Patents By Year of Application:	30	30	189	311	386	506	344	352	189	163	145	130	60	15	1	2851
ILLINOIS TOOL WORKS INC.																
Patents By Year of Grant:	505	92	120	97	138	176	147	209	217	248	177	202	185	143	173	2829
Patents By Year of Application:	693	110	134	166	201	233	283	267	223	216	154	102	38	9	0	2829

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
SHIN ETSU CHEMICAL CO., LTD.																
Patents By Year of Grant:	1117	97	96	97	111	128	134	136	166	119	107	97	92	134	157	2788
Patents By Year of Application:	1314	91	116	108	167	178	165	152	131	114	115	85	44	8	0	2788
AISIN SEIKI KABUSHIKI KAISHA																
Patents By Year of Grant:	1290	73	116	137	110	109	127	108	112	89	97	86	94	109	110	2767
Patents By Year of Application:	1480	129	124	118	91	150	122	105	114	112	114	67	31	10	0	2767
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	1316	151	270	278	233	234	246	8	5	1	0	0	0	0	0	2742
Patents By Year of Application:	1728	299	246	236	168	63	2	0	0	0	0	0	0	0	0	2742
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	480	76	97	106	133	158	138	161	123	131	134	172	197	247	362	2715
Patents By Year of Application:	656	145	134	132	156	161	184	166	155	208	217	254	132	14	1	2715
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
Patents By Year of Grant:	2126	68	62	53	56	66	45	43	40	22	22	23	17	23	38	2704
Patents By Year of Application:	2278	55	54	48	57	43	43	31	19	19	21	21	11	3	1	2704
PFIZER INC.																
Patents By Year of Grant:	835	102	117	112	153	172	187	196	164	163	138	108	77	75	73	2672
Patents By Year of Application:	1066	132	101	220	226	200	188	197	126	96	60	35	19	6	0	2672
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION																
Patents By Year of Grant:	1420	96	95	93	96	91	85	80	102	87	62	70	66	86	101	2630
Patents By Year of Application:	1631	95	102	72	104	94	115	94	80	86	73	51	25	8	0	2630
DEERE + COMPANY																
Patents By Year of Grant:	880	55	70	84	69	122	119	154	158	141	142	151	138	143	199	2625
Patents By Year of Application:	978	81	77	119	136	173	170	176	145	202	159	116	75	18	0	2625
LOCKHEED MARTIN CORPORATION																
Patents By Year of Grant:	19	47	108	117	175	152	192	223	200	201	229	240	208	213	298	2622
Patents By Year of Application:	239	106	160	185	209	279	288	285	235	229	204	117	74	10	2	2622
NGK INSULATORS LTD.																
Patents By Year of Grant:	837	81	92	123	116	132	161	147	144	105	125	116	125	124	137	2565
Patents By Year of Application:	1036	137	136	139	143	157	198	145	138	112	77	86	43	18	0	2565
ELI LILLY AND COMPANY																
Patents By Year of Grant:	1060	222	180	188	161	115	116	87	59	48	56	69	63	68	66	2558
Patents By Year of Application:	1480	214	157	109	98	111	115	99	57	52	28	18	11	9	0	2558

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	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
NCR CORPORATION																
Patents By Year of Grant:	902	80	167	189	138	132	161	166	128	82	112	103	77	72	48	2557
Patents By Year of Application:	1243	227	176	183	191	173	125	51	58	69	37	15	8	1	0	2557
HALLIBURTON ENERGY SERVICES, INC.																
Patents By Year of Grant:	3	25	75	115	140	169	166	186	209	193	279	284	220	203	264	2531
Patents By Year of Application:	95	127	153	158	165	195	298	279	353	270	185	141	80	30	2	2531
HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.																
Patents By Year of Grant:	328	154	212	242	294	533	391	179	106	25	15	2	1	0	0	2482
Patents By Year of Application:	718	306	328	459	427	165	48	21	5	3	2	0	0	0	0	2482
UNISYS CORPORATION																
Patents By Year of Grant:	1151	109	122	91	97	107	118	99	117	83	106	86	89	52	40	2467
Patents By Year of Application:	1421	141	152	159	126	103	109	120	62	40	19	9	5	1	0	2467
PIONEER ELECTRONIC CORPORATION																
Patents By Year of Grant:	1658	110	141	139	130	120	64	36	28	13	8	5	7	3	3	2465
Patents By Year of Application:	1923	171	159	142	18	17	16	10	7	1	1	0	0	0	0	2465
XILINX, INC.																
Patents By Year of Grant:	124	60	78	93	115	125	146	137	137	177	261	233	243	262	265	2456
Patents By Year of Application:	263	110	108	115	187	152	203	270	293	283	198	148	81	41	4	2456
ALCATEL																
Patents By Year of Grant:	0	0	0	61	248	315	277	269	288	212	251	154	155	131	94	2455
Patents By Year of Application:	8	124	383	434	357	315	273	205	187	109	56	3	0	1	0	2455
ABBOTT LABORATORIES																
Patents By Year of Grant:	978	189	164	149	128	124	115	114	65	46	69	54	67	74	105	2441
Patents By Year of Application:	1409	151	128	129	111	102	79	79	72	46	70	44	15	6	0	2441
GOODYEAR TIRE + RUBBER COMPANY																
Patents By Year of Grant:	845	93	108	73	101	138	192	170	143	114	130	77	67	75	72	2398
Patents By Year of Application:	1023	113	109	132	197	198	168	147	100	93	56	39	21	2	0	2398
BRISTOL-MYERS SQUIBB COMPANY																
Patents By Year of Grant:	622	105	118	135	106	100	101	131	96	113	175	164	147	145	126	2384
Patents By Year of Application:	895	104	109	117	108	137	156	172	150	153	131	93	44	15	0	2384
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE																
Patents By Year of Grant:	89	58	120	130	124	72	89	103	86	112	171	206	254	305	460	2379
Patents By Year of Application:	284	144	162	78	79	113	200	260	293	294	275	125	59	13	0	2379

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
NIPPONDENSO CO., LTD.																
Patents By Year of Grant:	1562	312	308	99	35	19	7	1	0	0	0	0	0	0	0	2343
Patents By Year of Application:	2252	57	19	8	5	2	0	0	0	0	0	0	0	0	0	2343
FORD GLOBAL TECHNOLOGIES, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	0	0	204	313	254	323	315	289	280	364	2342
Patents By Year of Application:	0	0	1	10	77	158	371	318	323	317	353	258	126	23	7	2342
NEC ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	263	264	214	207	261	267	384	476	2336
Patents By Year of Application:	0	2	8	47	137	213	256	259	229	379	358	256	153	38	1	2336
UNITED STATES OF AMERICA, DEPARTMENT OF HEALTH & HUMAN SERVICES																
Patents By Year of Grant:	717	152	174	142	96	102	91	87	117	80	122	99	110	108	135	2332
Patents By Year of Application:	1237	106	79	108	136	164	140	114	76	68	49	37	17	1	0	2332
ROHM COMPANY LIMITED																
Patents By Year of Grant:	514	96	112	95	116	132	150	128	135	113	163	143	155	114	160	2326
Patents By Year of Application:	742	115	117	138	163	141	142	161	195	177	111	70	49	5	0	2326
HONEYWELL INC.																
Patents By Year of Grant:	1754	100	123	128	101	48	26	20	13	5	2	0	0	0	0	2320
Patents By Year of Application:	2001	149	94	58	9	4	5	0	0	0	0	0	0	0	0	2320
UNITED STATES OF AMERICA, AIR FORCE																
Patents By Year of Grant:	1436	86	79	90	76	100	68	68	48	48	43	37	39	48	45	2311
Patents By Year of Application:	1623	81	84	81	72	72	61	51	49	64	32	25	15	1	0	2311
PHILLIPS PETROLEUM COMPANY																
Patents By Year of Grant:	1716	76	75	72	113	89	80	48	15	9	11	3	2	1	0	2310
Patents By Year of Application:	1890	70	120	90	74	28	14	18	4	2	0	0	0	0	0	2310
SAMSUNG SDI CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	26	108	118	150	125	162	315	432	421	438	2295
Patents By Year of Application:	0	0	5	31	161	137	195	218	460	545	352	139	38	13	1	2295
UOP																
Patents By Year of Grant:	1111	60	88	107	104	84	95	67	68	46	58	51	104	96	143	2282
Patents By Year of Application:	1254	92	111	121	93	80	82	58	72	84	74	99	39	23	0	2282
TRW INC.																
Patents By Year of Grant:	797	101	144	200	275	309	227	134	51	26	13	1	1	0	0	2279
Patents By Year of Application:	1090	221	268	284	224	145	46	1	0	0	0	0	0	0	0	2279

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
MAZDA MOTOR CORPORATION																
Patents By Year of Grant:	1523	62	66	56	63	54	44	44	47	39	42	35	47	43	56	2221
Patents By Year of Application:	1668	61	53	35	47	53	49	50	46	44	51	46	16	2	0	2221
FREESCALE SEMICONDUCTOR, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	134	256	287	322	322	368	489	2178
Patents By Year of Application:	0	1	0	8	46	80	224	292	266	430	385	268	135	38	5	2178
SUMITOMO WIRING SYSTEMS, LTD.																
Patents By Year of Grant:	374	122	132	143	154	152	190	167	164	113	134	103	63	75	79	2165
Patents By Year of Application:	633	155	116	136	163	178	156	158	114	105	87	70	64	30	0	2165
BRIDGESTONE CORPORATION																
Patents By Year of Grant:	877	74	85	109	106	156	137	100	92	56	53	51	74	82	109	2161
Patents By Year of Application:	1064	125	149	134	138	124	98	89	73	77	54	29	6	1	0	2161
COMMISSARIAT A L'ENERGIE ATOMIQUE																
Patents By Year of Grant:	799	79	88	81	62	83	87	82	88	83	92	91	98	134	207	2154
Patents By Year of Application:	975	93	63	104	100	122	151	145	116	108	68	68	38	2	1	2154
INSTITUT FRANCAIS DU PETROLE																
Patents By Year of Grant:	735	86	143	112	161	154	119	113	79	57	70	90	74	71	75	2139
Patents By Year of Application:	973	157	147	150	152	121	101	84	84	66	64	29	10	1	0	2139
DAIMLER-CHRYSLER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	86	322	430	304	239	217	169	183	129	48	1	1	2129
Patents By Year of Application:	30	122	263	446	331	288	273	165	109	75	25	2	0	0	0	2129
LG. PHILIPS LCD CO., LTD.																
Patents By Year of Grant:	0	0	0	1	10	69	149	222	304	320	382	418	250	1	1	2127
Patents By Year of Application:	5	9	56	102	251	323	398	397	407	130	39	10	0	0	0	2127
DIGITAL EQUIPMENT CORPORATION																
Patents By Year of Grant:	1587	133	164	133	92	15	0	0	0	0	0	0	0	0	0	2124
Patents By Year of Application:	1933	136	50	5	0	0	0	0	0	0	0	0	0	0	0	2124
HARRIS CORP.																
Patents By Year of Grant:	745	115	124	120	63	88	82	71	89	122	96	90	92	104	107	2108
Patents By Year of Application:	1009	98	96	80	87	88	121	155	91	80	119	59	21	4	0	2108
PITNEY-BOWES, INC.																
Patents By Year of Grant:	884	84	120	94	76	81	78	89	115	93	83	62	80	79	82	2100
Patents By Year of Application:	1147	104	82	127	95	112	113	94	64	67	52	29	12	2	0	2100

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
HOFFMANN-LA ROCHE INC.																
Patents By Year of Grant:	935	79	72	70	61	77	73	84	63	51	78	99	102	116	116	2076
Patents By Year of Application:	1085	66	56	64	83	96	80	88	106	103	114	72	51	11	1	2076
AIR PRODUCTS AND CHEMICALS, INC.																
Patents By Year of Grant:	1027	71	80	86	104	84	74	97	72	57	67	65	70	58	61	2073
Patents By Year of Application:	1163	87	97	100	72	90	109	106	76	69	57	33	13	1	0	2073
HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	59	126	188	293	322	321	385	340	2034
Patents By Year of Application:	0	1	9	7	40	120	149	299	400	458	319	172	55	4	1	2034
KAO KABUSHIKI KAISHA (KAO CORPORATION)																
Patents By Year of Grant:	697	107	129	98	82	93	92	92	95	84	97	74	78	87	113	2018
Patents By Year of Application:	939	114	111	72	109	156	138	125	100	81	35	22	12	4	0	2018
ALTERA CORPORATION																
Patents By Year of Grant:	109	29	50	70	96	114	87	67	86	118	202	268	257	219	240	2012
Patents By Year of Application:	204	103	87	85	80	102	154	214	282	266	201	139	76	19	0	2012
GM Global Technology Operations, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	32	195	316	527	940	2010
Patents By Year of Application:	0	0	0	0	0	0	6	9	60	475	534	609	265	51	1	2010
UNIVERSITY OF TEXAS																
Patents By Year of Grant:	690	81	96	91	89	89	91	94	99	89	107	90	79	98	122	2005
Patents By Year of Application:	960	95	85	100	118	120	115	125	86	66	60	45	25	4	1	2005
VICTOR COMPANY OF JAPAN, LIMITED																
Patents By Year of Grant:	908	63	77	79	79	63	60	64	86	74	90	82	94	87	90	1996
Patents By Year of Application:	1072	89	91	71	68	107	57	93	92	68	70	54	45	19	0	1996
HEIDELBERGER DRUCKMASCHINEN AG																
Patents By Year of Grant:	555	88	129	93	122	94	157	240	200	83	43	51	55	47	38	1995
Patents By Year of Application:	770	107	139	145	207	216	152	83	47	61	36	20	9	3	0	1995
DELL PRODUCTS, L.P.																
Patents By Year of Grant:	170	96	109	85	94	132	109	130	129	131	119	133	159	191	185	1972
Patents By Year of Application:	382	118	93	208	134	149	111	168	136	165	145	103	50	10	0	1972
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	0	0	4	55	144	232	266	216	162	160	161	168	143	108	148	1967
Patents By Year of Application:	26	47	160	233	269	264	194	212	166	154	118	74	46	4	0	1967



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	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.																
Patents By Year of Grant:	646	74	128	102	105	92	73	58	50	53	66	91	101	145	175	1959
Patents By Year of Application:	870	123	95	89	69	49	71	67	78	137	132	119	52	8	0	1959
NORTHROP GRUMMAN CORPORATION																
Patents By Year of Grant:	167	101	197	164	131	88	96	150	175	143	162	134	114	94	35	1951
Patents By Year of Application:	467	183	144	117	151	168	139	189	137	144	90	16	4	1	1	1951
IMPERIAL CHEMICAL INDUSTRIES PLC																
Patents By Year of Grant:	1606	61	63	44	40	39	25	17	15	15	9	3	2	4	2	1945
Patents By Year of Application:	1754	41	35	38	21	17	25	4	6	3	1	0	0	0	0	1945
EMC CORPORATION																
Patents By Year of Grant:	43	21	59	68	76	91	101	135	129	130	161	173	192	250	307	1936
Patents By Year of Application:	175	101	101	124	176	190	162	146	218	173	247	109	13	1	0	1936
MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG																
Patents By Year of Grant:	550	63	99	56	74	78	107	130	106	88	100	104	100	106	157	1918
Patents By Year of Application:	749	58	66	87	124	176	185	142	134	83	53	40	14	7	0	1918
COMPAQ COMPUTER CORPORATION, INC.																
Patents By Year of Grant:	438	129	245	251	315	357	159	23	0	0	0	0	0	0	0	1917
Patents By Year of Application:	963	370	391	128	53	11	1	0	0	0	0	0	0	0	0	1917
AGERE SYSTEMS INC.																
Patents By Year of Grant:	0	0	0	0	0	18	52	316	274	168	240	193	181	210	235	1887
Patents By Year of Application:	3	8	46	233	254	281	182	173	207	182	175	88	50	5	0	1887
EXXON RESEARCH + ENGINEERING CO.																
Patents By Year of Grant:	1402	73	105	122	101	70	8	1	1	0	0	0	0	0	0	1883
Patents By Year of Application:	1577	119	113	65	8	1	0	0	0	0	0	0	0	0	0	1883
BECTON, DICKINSON AND COMPANY																
Patents By Year of Grant:	690	133	157	131	98	79	66	88	71	60	63	45	57	52	84	1874
Patents By Year of Application:	974	155	95	101	91	85	92	112	58	35	27	32	11	6	0	1874
FANUC LTD.																
Patents By Year of Grant:	1100	51	71	49	45	53	38	27	28	49	91	91	70	47	62	1872
Patents By Year of Application:	1220	69	58	52	27	27	32	66	92	98	66	42	22	1	0	1872
DOW CORNING CORPORATION																
Patents By Year of Grant:	1153	88	108	105	75	58	51	46	47	15	16	10	22	29	48	1871
Patents By Year of Application:	1348	89	88	64	44	57	55	29	40	31	16	5	2	3	0	1871

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
FORD GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	86	314	256	253	360	388	146	6	5	1	5	3	6	40	1869
Patents By Year of Application:	348	290	262	273	411	180	47	5	8	14	9	13	5	4	0	1869
ERICSSON, INC.																
Patents By Year of Grant:	37	68	210	292	312	268	251	181	109	59	46	24	8	2	1	1868
Patents By Year of Application:	488	369	379	315	163	107	33	8	5	0	1	0	0	0	0	1868
STANFORD UNIVERSITY																
Patents By Year of Grant:	534	64	79	83	103	84	102	85	75	90	98	85	120	110	155	1867
Patents By Year of Application:	724	92	107	111	96	125	109	118	84	79	90	92	34	6	0	1867
CALIFORNIA INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	358	46	93	99	103	124	110	139	135	101	115	116	96	93	134	1862
Patents By Year of Application:	554	96	130	137	155	182	124	108	100	106	88	53	28	1	0	1862
CASIO COMPUTER CO. LTD.																
Patents By Year of Grant:	776	54	74	80	85	70	64	37	36	31	50	70	93	171	171	1862
Patents By Year of Application:	941	93	91	57	71	37	36	74	106	117	116	85	27	10	1	1862
WARNER-LAMBERT COMPANY																
Patents By Year of Grant:	1080	87	62	80	85	81	72	69	58	64	54	32	13	2	7	1846
Patents By Year of Application:	1228	68	97	91	72	80	84	60	40	15	10	1	0	0	0	1846
PIIONEER HI-BRED INTERNATIONAL, INC.																
Patents By Year of Grant:	129	26	108	98	112	115	62	71	130	116	134	204	142	206	181	1834
Patents By Year of Application:	260	81	123	158	141	77	99	104	151	149	134	182	127	40	8	1834
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN (HENKEL KGAA)																
Patents By Year of Grant:	984	71	85	83	56	94	70	63	67	29	42	48	43	34	50	1819
Patents By Year of Application:	1170	88	66	93	72	71	70	38	52	35	32	23	6	3	0	1819
SEIKO INSTRUMENTS INC.																
Patents By Year of Grant:	403	49	59	70	95	148	183	179	140	61	75	79	68	104	104	1817
Patents By Year of Application:	569	66	109	155	167	169	114	86	74	87	85	80	45	11	0	1817
GENENTECH, INC.																
Patents By Year of Grant:	264	82	133	53	78	66	69	71	62	70	146	281	226	86	119	1806
Patents By Year of Application:	581	77	75	51	91	197	434	51	51	65	76	31	21	4	1	1806
SCI-MED LIFE SYSTEMS, INC.																
Patents By Year of Grant:	158	32	53	83	147	180	222	311	250	138	114	59	28	17	9	1801
Patents By Year of Application:	264	114	170	228	290	334	209	127	42	15	4	3	1	0	0	1801

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
DAIMLER-BENZ AKTIENGESELLSCHAFT																
Patents By Year of Grant:	1163	159	241	174	36	17	2	1	0	0	0	0	0	0	0	1793
Patents By Year of Application:	1520	197	72	3	0	1	0	0	0	0	0	0	0	0	0	1793
PIONEER CORPORATION																
Patents By Year of Grant:	0	0	0	0	3	50	131	204	248	214	266	223	158	141	150	1788
Patents By Year of Application:	0	1	6	115	233	310	331	269	201	203	80	35	2	2	0	1788
CYPRESS SEMICONDUCTOR CORP.																
Patents By Year of Grant:	77	51	105	116	113	107	122	185	175	149	161	115	106	62	137	1781
Patents By Year of Application:	267	153	99	126	195	267	240	27	154	85	100	51	15	2	0	1781
AMERICAN CYANAMID COMPANY																
Patents By Year of Grant:	1269	107	112	111	66	69	31	10	3	1	0	0	0	0	0	1779
Patents By Year of Application:	1518	81	61	72	41	6	0	0	0	0	0	0	0	0	0	1779
OLYMPUS CORPORATION																
Patents By Year of Grant:	8	0	0	0	0	0	0	4	180	161	248	256	285	282	324	1748
Patents By Year of Application:	9	0	12	16	42	61	203	284	373	308	219	134	71	16	0	1748
TEKTRONIX INC.																
Patents By Year of Grant:	1001	50	66	80	58	53	59	54	57	48	37	49	47	41	44	1744
Patents By Year of Application:	1127	92	90	31	67	61	59	47	45	52	41	22	10	0	0	1744
ROCKWELL INTERNATIONAL CORPORATION																
Patents By Year of Grant:	1489	75	77	67	11	6	1	1	0	0	0	0	0	0	0	1727
Patents By Year of Application:	1670	45	8	3	0	1	0	0	0	0	0	0	0	0	0	1727
LEXMARK INTERNATIONAL, INC.																
Patents By Year of Grant:	99	32	55	107	118	131	115	128	108	91	118	167	147	126	180	1722
Patents By Year of Application:	203	122	85	117	147	136	127	147	237	183	109	89	19	1	0	1722
ANALOG DEVICES, INC.																
Patents By Year of Grant:	308	77	69	65	54	64	67	116	118	129	141	142	122	84	142	1698
Patents By Year of Application:	471	58	65	69	84	118	178	125	157	128	94	81	57	12	1	1698
WHITAKER CORPORATION																
Patents By Year of Grant:	665	198	217	229	257	79	38	8	3	1	2	0	0	0	0	1697
Patents By Year of Application:	1066	274	228	103	20	5	0	1	0	0	0	0	0	0	0	1697
ROHM AND HAAS COMPANY																
Patents By Year of Grant:	711	63	71	85	78	95	76	83	86	61	77	55	46	48	55	1690
Patents By Year of Application:	856	78	85	93	89	105	102	95	46	48	42	27	22	1	1	1690

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
CHRYSLER MOTORS CORPORATION																
Patents By Year of Grant:	955	139	166	215	149	35	6	0	0	0	0	0	0	0	0	1665
Patents By Year of Application:	1263	201	185	11	5	0	0	0	0	0	0	0	0	0	0	1665
HYUNDAI MOTOR COMPANY																
Patents By Year of Grant:	89	72	92	93	60	99	145	105	110	119	133	109	104	125	190	1645
Patents By Year of Application:	262	111	31	99	144	103	164	156	114	141	130	99	74	15	2	1645
NOKIA MOBILE PHONES LTD.																
Patents By Year of Grant:	182	45	109	152	169	187	207	202	165	104	94	16	5	5	3	1645
Patents By Year of Application:	431	240	222	238	289	183	20	8	9	5	0	0	0	0	0	1645
AMP INCORPORATED																
Patents By Year of Grant:	1643	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1643
Patents By Year of Application:	1643	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1643
AGFA-GEVAERT N.V.																
Patents By Year of Grant:	510	115	140	128	174	140	104	80	71	46	60	43	17	5	6	1639
Patents By Year of Application:	786	133	164	132	106	86	78	82	38	22	9	3	0	0	0	1639
SMITHKLINE BEECHAM CORPORATION																
Patents By Year of Grant:	104	69	94	184	193	248	206	130	78	53	78	66	66	59	10	1638
Patents By Year of Application:	278	252	216	220	160	160	143	86	44	25	28	15	9	2	0	1638
FUJINON CORPORATION (FORMERLY FUJI PHOTO OPTICAL CO. LTD.)																
Patents By Year of Grant:	207	76	102	86	114	94	126	130	124	81	90	82	79	111	111	1613
Patents By Year of Application:	349	107	93	131	127	123	134	112	97	95	97	83	49	15	1	1613
LG Display Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	274	596	737	1607
Patents By Year of Application:	0	0	1	1	7	25	36	62	259	431	507	167	71	38	2	1607
TOYODA GOSEI KABUSHIKI KAISHA																
Patents By Year of Grant:	476	52	75	67	57	50	84	86	88	116	91	106	78	84	91	1601
Patents By Year of Application:	613	68	67	45	88	97	132	118	117	92	72	55	33	3	1	1601
BLACK & DECKER INC.																
Patents By Year of Grant:	340	44	73	60	73	77	64	83	74	75	138	128	125	105	136	1595
Patents By Year of Application:	458	71	64	89	64	87	118	124	144	134	98	85	48	11	0	1595
WISCONSIN ALUMNI RESEARCH FOUNDATION																
Patents By Year of Grant:	382	62	83	86	64	72	80	84	64	77	101	91	90	115	136	1587
Patents By Year of Application:	533	84	71	93	92	118	111	92	104	102	94	61	29	3	0	1587

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	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
AMOCO CORPORATION																
Patents By Year of Grant:	1437	55	67	16	0	0	0	0	0	0	0	0	0	0	0	1575
Patents By Year of Application:	1552	22	1	0	0	0	0	0	0	0	0	0	0	0	0	1575
COLGATE-PALMOLIVE COMPANY																
Patents By Year of Grant:	660	66	110	138	91	95	121	87	32	25	30	26	33	22	34	1570
Patents By Year of Application:	828	109	77	87	98	88	106	62	35	34	19	14	8	5	0	1570
STMICROELECTRONICS S.A.																
Patents By Year of Grant:	0	0	1	22	77	108	138	147	148	135	170	158	140	153	173	1570
Patents By Year of Application:	8	2	102	171	195	140	206	187	163	137	138	89	27	5	0	1570
NORTHERN TELECOM LIMITED																
Patents By Year of Grant:	960	64	198	240	70	19	11	2	1	0	0	0	0	0	0	1565
Patents By Year of Application:	1291	217	54	3	0	0	0	0	0	0	0	0	0	0	0	1565
BAXTER INTERNATIONAL INC.																
Patents By Year of Grant:	725	66	96	101	77	77	54	66	46	52	63	33	27	21	53	1557
Patents By Year of Application:	946	99	85	69	57	68	89	49	15	27	22	19	9	2	1	1557
CARDIAC PACEMAKERS, INC.																
Patents By Year of Grant:	101	12	20	27	62	71	94	112	87	110	136	153	148	181	238	1552
Patents By Year of Application:	126	31	69	102	142	163	158	185	191	190	115	55	18	5	2	1552
MOLEX INCORPORATED																
Patents By Year of Grant:	552	72	79	88	107	107	70	40	92	73	86	49	53	26	46	1540
Patents By Year of Application:	698	106	97	96	83	54	66	92	86	73	41	23	20	4	1	1540
SAP AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	0	2	7	7	2	9	20	55	150	246	381	645	1524
Patents By Year of Application:	0	0	12	4	3	19	162	293	431	312	184	83	18	3	0	1524
CIBA SPECIALTY CHEMICALS CORPORATION																
Patents By Year of Grant:	0	23	164	182	158	114	142	124	98	88	114	91	69	74	82	1523
Patents By Year of Application:	177	190	176	103	138	161	183	156	96	58	43	21	13	8	0	1523
THOMSON-CSF																
Patents By Year of Grant:	1160	52	66	67	47	46	46	21	12	2	2	0	0	0	0	1521
Patents By Year of Application:	1298	63	55	42	42	19	0	2	0	0	0	0	0	0	0	1521
SUMITOMO RUBBER INDUSTRIES, LTD.																
Patents By Year of Grant:	431	55	76	57	71	82	83	125	125	75	71	67	60	57	64	1499
Patents By Year of Application:	570	84	79	87	98	126	124	87	66	76	69	28	5	0	0	1499

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
DAI NIPPON PRINTING CO. LTD																
Patents By Year of Grant:	159	61	103	86	105	87	78	91	113	86	103	90	92	115	124	1493
Patents By Year of Application:	350	101	97	103	75	130	131	148	111	115	67	45	16	3	1	1493
DEGUSSA AKTIENGESELLSCHAFT																
Patents By Year of Grant:	608	48	63	49	21	39	86	102	117	86	90	65	48	43	21	1486
Patents By Year of Application:	713	65	33	45	66	183	136	110	67	43	19	2	3	1	0	1486
VISTEON GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	1	30	202	186	243	273	193	137	80	41	49	41	1476
Patents By Year of Application:	4	16	54	176	197	270	300	209	93	77	32	37	11	0	0	1476
MONSANTO COMPANY, INC.																
Patents By Year of Grant:	1044	97	77	83	77	63	10	11	6	4	2	0	1	0	0	1475
Patents By Year of Application:	1242	92	54	55	17	9	5	1	0	0	0	0	0	0	0	1475
NIPPON STEEL CORP.																
Patents By Year of Grant:	741	89	94	67	56	51	62	59	41	45	28	26	22	25	64	1470
Patents By Year of Application:	936	84	52	58	54	64	75	53	42	20	15	12	4	0	1	1470
FUJI ELECTRIC CO., LTD.																
Patents By Year of Grant:	746	93	87	110	72	53	57	75	74	49	32	12	6	1	0	1467
Patents By Year of Application:	941	88	71	50	77	86	78	54	11	6	2	3	0	0	0	1467
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	425	47	64	67	53	81	81	105	92	59	76	49	75	69	117	1460
Patents By Year of Application:	539	82	64	79	74	100	110	68	68	83	70	67	42	13	1	1460
TEXACO INC.																
Patents By Year of Grant:	1200	25	34	35	43	25	19	16	13	4	8	10	9	7	8	1456
Patents By Year of Application:	1266	32	48	23	15	27	11	13	13	1	6	0	1	0	0	1456
NIPPON TELEGRAPH & TELEPHONE CORP.																
Patents By Year of Grant:	528	67	89	58	67	78	56	64	65	52	76	64	56	63	71	1454
Patents By Year of Application:	698	89	86	81	78	63	86	76	95	52	26	13	8	3	0	1454
CARRIER CORPORATION																
Patents By Year of Grant:	554	40	65	61	99	94	79	90	77	72	67	61	30	20	41	1450
Patents By Year of Application:	660	64	96	66	93	95	96	98	116	39	19	7	1	0	0	1450
MACRONIX INTERNATIONAL CO., LTD.																
Patents By Year of Grant:	16	14	23	31	32	39	123	183	162	101	109	129	136	161	191	1450
Patents By Year of Application:	54	30	26	44	37	208	218	148	135	138	184	150	67	11	0	1450

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
3COM CORPORATION																
Patents By Year of Grant:	47	22	35	90	155	220	188	200	182	89	83	33	34	31	22	1431
Patents By Year of Application:	125	149	273	338	258	143	65	41	21	10	6	1	1	0	0	1431
FUJI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	717	37	40	32	43	54	50	83	81	45	62	47	35	38	48	1412
Patents By Year of Application:	787	42	44	51	58	93	75	69	75	48	31	26	12	1	0	1412
EXXON CHEMICALS PATENTS INC.																
Patents By Year of Grant:	874	115	119	112	110	66	5	5	2	0	0	1	0	0	0	1409
Patents By Year of Application:	1119	166	82	38	3	1	0	0	0	0	0	0	0	0	0	1409
SAMSUNG ELECTRO-MECHANICS CO., LTD.																
Patents By Year of Grant:	31	18	47	29	18	35	45	79	78	82	126	149	170	223	272	1402
Patents By Year of Application:	101	34	14	42	25	83	93	124	155	165	241	191	116	18	0	1402
SCHERING CORP.																
Patents By Year of Grant:	401	69	78	81	52	72	62	61	44	58	71	68	73	98	110	1398
Patents By Year of Application:	596	68	54	67	59	78	81	79	70	76	92	48	22	7	1	1398
BASF CORP.																
Patents By Year of Grant:	609	91	95	88	82	58	83	55	45	39	31	28	21	23	38	1386
Patents By Year of Application:	819	107	68	60	72	67	52	33	33	37	20	8	8	2	0	1386
W. R. GRACE & CO.-CONN.																
Patents By Year of Grant:	1023	73	56	28	16	30	28	23	23	24	16	10	8	7	10	1375
Patents By Year of Application:	1159	34	21	19	23	30	29	27	13	9	5	1	5	0	0	1375
AU OPTRONICS CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	12	40	78	107	168	181	183	239	365	1373
Patents By Year of Application:	0	0	0	1	14	49	50	208	231	226	258	175	116	35	10	1373
TAKEDA CHEMICAL INDUSTRIES LTD.																
Patents By Year of Grant:	783	77	72	80	70	102	64	46	39	18	10	2	3	1	0	1367
Patents By Year of Application:	985	69	49	93	65	48	45	9	2	1	1	0	0	0	0	1367
HOECHST CELANESE CORPORATION																
Patents By Year of Grant:	1185	75	68	25	10	3	0	0	0	0	0	0	0	0	0	1366
Patents By Year of Application:	1323	38	3	2	0	0	0	0	0	0	0	0	0	0	0	1366
DAIKIN INDUSTRIES LIMITED																
Patents By Year of Grant:	436	52	60	43	60	80	68	65	76	58	58	56	55	76	121	1364
Patents By Year of Application:	551	59	73	77	65	93	110	100	90	87	28	15	11	5	0	1364

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
ASML NETHERLANDS B.V.																
Patents By Year of Grant:	5	1	1	3	7	7	34	33	64	92	211	205	271	205	216	1355
Patents By Year of Application:	8	5	8	16	39	38	65	171	439	236	209	78	35	7	1	1355
ADVANTEST CORP.																
Patents By Year of Grant:	105	40	80	76	70	103	123	92	73	52	86	93	110	113	137	1353
Patents By Year of Application:	225	90	101	131	99	93	63	80	99	107	109	97	48	11	0	1353
NSK LIMITED																
Patents By Year of Grant:	208	67	60	58	70	117	117	104	111	88	90	91	91	43	31	1346
Patents By Year of Application:	330	79	84	105	107	145	136	138	100	63	32	26	1	0	0	1346
ORACLE INTERNATIONAL CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	2	36	94	93	174	168	201	203	372	1343
Patents By Year of Application:	0	4	3	36	110	193	225	215	196	164	99	84	14	0	0	1343
MITSUBISHI HEAVY INDUSTRIES, LTD.																
Patents By Year of Grant:	3	0	14	85	149	164	139	153	118	110	68	72	75	74	109	1333
Patents By Year of Application:	3	83	176	177	124	164	199	102	88	63	78	53	17	5	1	1333
EXXONMOBIL CHEMICAL PATENTS INC.																
Patents By Year of Grant:	0	0	0	0	0	58	126	100	88	113	154	166	158	142	211	1316
Patents By Year of Application:	15	17	18	72	122	94	163	219	144	183	127	95	36	11	0	1316
FURUKAWA ELECTRIC CO., LTD.																
Patents By Year of Grant:	349	26	41	53	40	52	85	134	160	100	63	45	39	51	74	1312
Patents By Year of Application:	423	60	40	51	98	184	153	86	38	44	38	33	54	9	1	1312
ROLLS-ROYCE PLC																
Patents By Year of Grant:	483	33	26	36	43	42	42	56	54	50	87	76	86	74	119	1307
Patents By Year of Application:	542	49	36	43	44	53	65	81	115	122	85	45	22	5	0	1307
RESEARCH IN MOTION LIMITED																
Patents By Year of Grant:	3	3	6	4	8	8	16	13	14	27	84	131	205	306	477	1305
Patents By Year of Application:	14	6	5	11	17	41	57	88	286	259	246	151	67	50	7	1305
NESTEC, S.A.																
Patents By Year of Grant:	499	45	67	107	72	90	64	73	56	46	35	38	20	31	60	1303
Patents By Year of Application:	645	84	83	68	103	89	70	55	49	26	14	12	2	3	0	1303
DANA CORPORATION																
Patents By Year of Grant:	473	79	82	86	102	97	77	70	86	56	48	33	12	0	0	1301
Patents By Year of Application:	657	87	80	111	63	103	77	76	22	23	2	0	0	0	0	1301



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	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
DAEWOO ELECTRONICS COMPANY, LTD.																
Patents By Year of Grant:	202	215	319	274	120	54	15	4	7	12	12	13	17	17	13	1294
Patents By Year of Application:	721	282	170	19	7	7	10	8	26	17	16	7	3	1	0	1294
JOHNS HOPKINS UNIVERSITY																
Patents By Year of Grant:	255	47	79	97	72	80	81	70	94	71	91	62	66	56	71	1292
Patents By Year of Application:	455	67	102	90	85	99	104	113	76	28	33	24	11	4	1	1292
NITTO DENKO CORPORATION																
Patents By Year of Grant:	143	31	35	40	56	70	74	78	89	84	109	100	103	118	160	1290
Patents By Year of Application:	221	48	53	78	93	109	120	119	142	114	75	61	43	14	0	1290
FMC CORPORATION																
Patents By Year of Grant:	785	71	97	80	73	47	46	16	15	10	6	4	3	10	17	1280
Patents By Year of Application:	951	94	63	46	54	19	17	8	9	5	7	4	3	0	0	1280
EBARA CORPORATION																
Patents By Year of Grant:	220	54	75	78	75	81	123	94	96	78	78	79	55	45	40	1271
Patents By Year of Application:	360	96	78	70	143	135	96	96	78	47	28	29	13	1	1	1271
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	459	22	44	64	54	68	59	92	90	54	59	46	52	48	57	1268
Patents By Year of Application:	527	74	58	74	65	97	99	61	65	50	44	38	15	1	0	1268
JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	776	73	71	57	70	65	55	54	23	9	10	3	0	0	1	1267
Patents By Year of Application:	920	72	56	63	117	8	16	8	6	1	0	0	0	0	0	1267
LAM RESEARCH CORPORATION																
Patents By Year of Grant:	30	17	42	45	78	103	107	132	103	125	110	89	74	93	116	1264
Patents By Year of Application:	124	60	58	109	148	123	134	139	117	92	80	54	22	4	0	1264
SYMBOL TECHNOLOGIES, INC.																
Patents By Year of Grant:	199	44	64	62	47	38	38	59	81	59	121	125	117	103	105	1262
Patents By Year of Application:	325	67	57	37	87	91	89	99	120	118	94	59	17	2	0	1262
BRITISH TELECOMMUNICATION, PLC																
Patents By Year of Grant:	493	37	73	80	70	94	56	48	32	31	40	56	45	49	53	1257
Patents By Year of Application:	662	83	184	37	75	80	49	36	27	11	9	4	0	0	0	1257
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.)																
Patents By Year of Grant:	527	42	66	57	52	62	57	58	53	24	49	38	48	51	64	1248
Patents By Year of Application:	641	72	39	64	57	66	64	55	55	55	39	21	14	6	0	1248

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
EASTMAN CHEMICAL COMPANY																
Patents By Year of Grant:	227	80	63	111	117	106	96	73	53	35	27	55	59	68	72	1242
Patents By Year of Application:	379	102	124	103	103	75	59	58	52	60	68	40	13	6	0	1242
SHIMANO INC.																
Patents By Year of Grant:	184	34	62	78	80	82	90	84	57	81	105	73	72	67	89	1238
Patents By Year of Application:	276	103	67	74	81	91	87	106	98	102	76	41	23	12	1	1238
VIA TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	2	16	20	42	52	116	128	188	183	163	179	144	1233
Patents By Year of Application:	1	0	19	47	43	73	189	184	201	157	200	86	24	9	0	1233
SHARP LABORATORIES OF AMERICA, INC.																
Patents By Year of Grant:	0	0	2	23	37	61	77	115	103	105	164	168	144	94	136	1229
Patents By Year of Application:	5	33	63	116	98	155	134	168	180	121	80	57	18	0	1	1229
ADVANCED CARDIOVASCULAR SYSTEMS, INC.																
Patents By Year of Grant:	166	22	30	37	54	76	96	184	109	78	68	68	69	62	100	1219
Patents By Year of Application:	227	57	58	139	158	161	129	106	58	46	40	16	21	2	1	1219
BOSTON SCIENTIFIC SCIMED, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	3	8	6	81	127	147	175	250	416	1213
Patents By Year of Application:	0	4	3	5	27	60	155	279	260	200	125	58	32	4	1	1213
MARVELL INTERNATIONAL LTD.																
Patents By Year of Grant:	0	0	0	0	0	5	21	17	28	52	108	160	179	244	388	1202
Patents By Year of Application:	0	0	1	3	51	21	89	118	172	162	193	218	144	28	2	1202
PPG INDUSTRIES INC.																
Patents By Year of Grant:	981	74	97	44	0	0	0	0	0	0	1	1	0	0	0	1198
Patents By Year of Application:	1142	53	1	0	0	0	0	0	1	1	0	0	0	0	0	1198
EMERSON ELECTRIC CO.																
Patents By Year of Grant:	447	39	57	67	65	69	59	50	72	39	61	37	42	44	48	1196
Patents By Year of Application:	548	62	69	73	56	62	80	55	55	50	41	21	18	4	2	1196
INTERDIGITAL TECHNOLOGY CORPORATION																
Patents By Year of Grant:	37	19	14	23	17	27	40	54	103	106	181	137	135	158	140	1191
Patents By Year of Application:	77	31	12	31	39	90	241	158	173	155	86	44	39	15	0	1191
FUNAI ELECTRIC CO., LTD.																
Patents By Year of Grant:	40	12	10	16	28	39	40	39	56	62	114	123	146	228	237	1190
Patents By Year of Application:	67	17	47	42	43	65	78	91	157	227	192	117	42	5	0	1190

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
KOITO MANUFACTURING COMPANY LIMITED																
Patents By Year of Grant:	283	39	47	49	61	67	84	97	63	52	67	87	72	56	65	1189
Patents By Year of Application:	382	43	61	56	93	77	87	78	70	95	66	52	27	2	0	1189
ETHICON, INC.																
Patents By Year of Grant:	375	60	55	60	75	73	68	90	60	39	65	53	23	43	47	1186
Patents By Year of Application:	496	61	87	84	82	107	88	73	44	35	16	11	1	1	0	1186
SHOWA DENKO KABUSHIKI KAISHA																
Patents By Year of Grant:	252	29	32	37	51	70	85	70	86	63	88	48	55	90	123	1179
Patents By Year of Application:	313	51	54	59	91	110	123	109	89	94	50	18	15	3	0	1179
SUNDSTRAND CORPORATION																
Patents By Year of Grant:	1054	29	45	35	8	2	0	0	0	0	0	0	0	0	0	1173
Patents By Year of Application:	1134	29	10	0	0	0	0	0	0	0	0	0	0	0	0	1173
LEAR CORPORATION																
Patents By Year of Grant:	2	19	61	77	58	49	60	83	117	118	198	127	65	68	68	1170
Patents By Year of Application:	77	82	54	55	79	69	138	181	196	108	52	46	27	5	1	1170
PACESETTER, INC.																
Patents By Year of Grant:	77	46	87	45	31	53	77	76	81	76	98	116	85	81	137	1166
Patents By Year of Application:	198	58	38	68	68	144	127	85	117	109	88	55	7	4	0	1166
DAINIPPON SCREEN MFG. CO., LTD.																
Patents By Year of Grant:	546	40	52	55	37	20	17	18	51	50	64	44	67	48	44	1153
Patents By Year of Application:	661	44	48	8	9	22	71	91	68	56	41	27	6	1	0	1153
GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC																
Patents By Year of Grant:	0	0	0	0	0	30	173	171	188	154	140	78	88	69	61	1152
Patents By Year of Application:	0	0	10	57	171	184	269	193	96	44	49	38	35	6	0	1152
HOYA CORPORATION																
Patents By Year of Grant:	196	14	19	36	34	37	38	48	63	48	45	53	114	193	212	1150
Patents By Year of Application:	233	43	31	43	50	57	69	93	84	154	122	108	43	19	1	1150
ALCOA INC.																
Patents By Year of Grant:	687	31	53	49	34	41	38	40	41	31	26	22	23	11	22	1149
Patents By Year of Application:	782	47	35	31	44	42	41	50	20	24	14	12	5	0	2	1149
MATSUSHITA ELECTRIC WORKS, LTD.																
Patents By Year of Grant:	440	24	44	58	60	53	48	56	54	62	76	52	73	36	12	1148
Patents By Year of Application:	512	63	57	46	71	76	68	69	83	52	28	22	1	0	0	1148

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
AJINOMOTO COMPANY INCORPORATED																
Patents By Year of Grant:	338	37	53	51	46	60	64	48	66	47	60	79	64	60	74	1147
Patents By Year of Application:	439	60	41	60	86	82	94	44	72	64	50	31	20	4	0	1147
ADC TELECOMMUNICATIONS, INC.																
Patents By Year of Grant:	97	10	10	23	23	45	68	99	95	82	84	89	131	142	145	1143
Patents By Year of Application:	124	27	37	61	81	127	96	49	63	94	115	143	99	27	0	1143
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH																
Patents By Year of Grant:	51	18	25	36	38	59	120	133	129	119	124	94	73	53	68	1140
Patents By Year of Application:	97	34	45	47	114	175	196	173	137	38	51	19	13	1	0	1140
TORAY INDUSTRIES INC.																
Patents By Year of Grant:	458	62	48	60	70	72	65	62	44	36	32	23	34	31	43	1140
Patents By Year of Application:	594	68	80	72	61	66	66	43	39	24	15	9	3	0	0	1140
L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE																
Patents By Year of Grant:	389	35	49	75	74	129	81	79	39	36	31	38	33	26	23	1137
Patents By Year of Application:	476	72	78	113	103	90	50	64	53	21	9	7	0	1	0	1137
ITT MANUFACTURING ENTERPRISES, INC.																
Patents By Year of Grant:	0	0	26	105	166	112	83	72	83	86	93	83	53	70	91	1123
Patents By Year of Application:	24	150	155	95	95	102	101	94	60	103	65	55	19	5	0	1123
PORSCHKE AG																
Patents By Year of Grant:	460	39	26	48	37	48	55	49	60	55	48	40	49	49	59	1122
Patents By Year of Application:	531	45	40	38	51	54	73	66	48	51	36	59	22	8	0	1122
RCA CORPORATION																
Patents By Year of Grant:	1120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1120
Patents By Year of Application:	1120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1120
ZF FRIEDRICHSHAFEN, AG																
Patents By Year of Grant:	216	16	34	31	36	52	45	54	60	55	82	93	99	98	145	1116
Patents By Year of Application:	259	30	38	51	39	71	96	105	126	112	98	81	7	3	0	1116
AKZO NOBEL NV																
Patents By Year of Grant:	137	87	105	120	98	89	94	107	72	56	47	32	19	17	33	1113
Patents By Year of Application:	350	125	103	91	100	129	96	54	29	15	13	5	2	1	0	1113
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE																
Patents By Year of Grant:	471	46	75	70	55	67	43	63	38	28	37	26	31	24	39	1113
Patents By Year of Application:	629	64	52	51	58	64	45	41	27	29	17	17	17	2	0	1113

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	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
CORNELL RESEARCH FOUNDATION INC.																
Patents By Year of Grant:	358	50	64	64	49	61	35	59	40	41	61	54	50	52	74	1112
Patents By Year of Application:	517	60	63	44	67	60	64	47	42	58	59	19	8	4	0	1112
SEAGATE TECHNOLOGY, INCORPORATED																
Patents By Year of Grant:	350	98	163	190	235	29	15	8	3	2	2	0	5	4	3	1107
Patents By Year of Application:	625	246	160	46	9	5	0	5	4	3	2	1	1	0	0	1107
THOMSON LICENSING																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	25	235	207	193	184	262	1107
Patents By Year of Application:	0	6	11	35	84	152	192	236	201	100	57	23	7	2	1	1107
VLSI TECHNOLOGY, INC.																
Patents By Year of Grant:	457	93	150	158	134	88	27	0	0	0	0	0	0	0	0	1107
Patents By Year of Application:	733	185	108	69	11	1	0	0	0	0	0	0	0	0	0	1107
MITA INDUSTRIAL COMPANY LTD.																
Patents By Year of Grant:	772	73	154	76	29	2	0	0	0	0	0	0	0	0	0	1106
Patents By Year of Application:	955	100	39	11	1	0	0	0	0	0	0	0	0	0	0	1106
NOVO NORDISK A/S																
Patents By Year of Grant:	223	102	123	178	142	91	39	56	24	29	24	19	17	19	19	1105
Patents By Year of Application:	487	164	142	90	47	63	35	36	6	17	13	2	0	2	1	1105
MONSANTO TECHNOLOGY, LLC																
Patents By Year of Grant:	0	0	0	0	0	5	36	45	33	51	61	137	169	259	308	1104
Patents By Year of Application:	6	2	6	24	43	69	88	81	60	93	153	249	196	34	0	1104
SANDISK CORPORATION																
Patents By Year of Grant:	11	13	11	16	19	26	23	34	38	63	83	135	211	239	181	1103
Patents By Year of Application:	37	16	29	22	27	51	66	75	96	175	257	162	70	20	0	1103
CIRRUS LOGIC, INC.																
Patents By Year of Grant:	120	84	128	110	100	82	84	83	44	45	40	62	42	33	44	1101
Patents By Year of Application:	398	139	97	75	68	53	42	39	42	51	49	32	12	4	0	1101
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.																
Patents By Year of Grant:	181	37	50	59	65	60	92	79	71	53	65	49	69	64	97	1091
Patents By Year of Application:	275	71	61	93	108	116	95	69	54	63	42	26	14	4	0	1091
SANDIA CORPORATION																
Patents By Year of Grant:	67	38	76	90	76	99	101	88	70	49	56	66	75	63	73	1087
Patents By Year of Application:	201	86	91	102	92	97	70	77	71	62	60	40	28	7	3	1087

---- Organizational Patenting (Granted: Jan 01, 1986 - Dec 31, 2010) ---- Ranked List of Organizations with 1000 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
ASAHI KASEI KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	483	29	50	61	69	66	77	60	56	37	34	29	5	18	9	1083
Patents By Year of Application:	563	79	66	60	82	84	89	36	5	10	6	2	1	0	0	1083
NOVARTIS AG (FORMERLY SANDOZ LTD.)																
Patents By Year of Grant:	0	6	19	72	95	113	95	84	78	76	81	51	61	69	183	1083
Patents By Year of Application:	57	70	92	115	104	111	115	123	83	69	79	38	20	6	1	1083
KYOCERA CORPORATION																
Patents By Year of Grant:	234	35	38	37	50	46	57	68	43	43	52	70	74	104	129	1080
Patents By Year of Application:	313	47	55	44	59	59	57	65	112	130	87	35	14	3	0	1080
MITSUI TOATSU CHEMICALS INC.																
Patents By Year of Grant:	957	72	45	2	2	0	0	0	0	1	0	0	0	0	0	1079
Patents By Year of Application:	1071	7	0	0	0	0	0	1	0	0	0	0	0	0	0	1079
INTERNATIONAL GAME TECHNOLOGY (IGT)																
Patents By Year of Grant:	19	3	12	8	6	18	38	71	108	100	81	95	124	131	262	1076
Patents By Year of Application:	38	11	14	16	109	138	160	158	149	94	93	70	20	5	1	1076
BRUNSWICK CORPORATION																
Patents By Year of Grant:	456	22	45	48	56	51	51	42	41	46	54	48	38	38	34	1070
Patents By Year of Application:	506	61	39	54	48	54	51	49	59	45	41	45	14	4	0	1070
GTE PRODUCTS CORPORATION																
Patents By Year of Grant:	1063	0	3	1	2	0	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
Hong Fu Jin Precision Industry (Shenzhen) Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	23	105	196	286	456	1066
Patents By Year of Application:	0	0	0	0	0	0	5	5	98	148	301	272	192	44	1	1066
NVIDIA CORPORATION																
Patents By Year of Grant:	0	10	12	5	6	14	15	25	42	52	102	108	175	271	229	1066
Patents By Year of Application:	19	8	16	24	32	51	91	148	176	196	182	98	18	7	0	1066
WHIRLPOOL CORPORATION																
Patents By Year of Grant:	478	18	35	38	31	16	34	43	30	33	33	56	62	73	86	1066
Patents By Year of Application:	521	47	18	29	25	52	47	66	62	82	54	37	20	5	1	1066
OMRON CORPORATION																
Patents By Year of Grant:	176	22	53	26	26	29	44	60	86	81	105	105	84	82	85	1064
Patents By Year of Application:	267	33	26	32	48	87	101	122	82	80	112	54	16	4	0	1064

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---- Organizational Patenting (Granted: Jan 01, 1986 - Dec 31, 2010) ---- Ranked List of Organizations with 1000 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
AVAYA TECHNOLOGY CORP.																
Patents By Year of Grant:	0	0	0	0	3	170	128	92	81	46	71	68	74	79	200	1012
Patents By Year of Application:	8	18	106	204	148	53	103	93	91	98	54	23	13	0	0	1012
SPRINT COMMUNICATIONS COMPANY L.P.																
Patents By Year of Grant:	9	2	14	13	22	29	42	54	86	69	110	112	122	126	202	1012
Patents By Year of Application:	45	16	52	52	89	79	130	140	133	117	91	46	21	1	0	1012
HILTI AKTIENGESELLSCHAFT																
Patents By Year of Grant:	264	38	39	29	60	36	59	86	75	65	77	45	46	42	50	1011
Patents By Year of Application:	328	37	38	52	62	92	92	83	76	48	45	38	19	1	0	1011
MITSUBISHI CHEMICAL CORPORATION																
Patents By Year of Grant:	127	89	121	110	86	76	54	55	48	32	57	47	40	33	34	1009
Patents By Year of Application:	339	126	93	73	49	61	47	41	69	66	28	10	6	1	0	1009
HALLIBURTON CO.																
Patents By Year of Grant:	943	38	25	1	0	0	0	0	0	0	1	0	0	0	0	1008
Patents By Year of Application:	1000	7	0	0	0	0	0	1	0	0	0	0	0	0	0	1008
NTT DOCOMO, INC.																
Patents By Year of Grant:	0	0	0	0	1	0	4	6	18	65	135	145	152	202	277	1005
Patents By Year of Application:	1	1	2	9	36	109	168	173	147	151	130	55	18	5	0	1005
STMICROELECTRONICS, INC.																
Patents By Year of Grant:	0	0	38	118	111	96	89	99	102	58	77	63	64	34	54	1003
Patents By Year of Application:	105	136	107	103	115	105	84	75	79	35	30	17	9	3	0	1003
OTIS ELEVATOR COMPANY																
Patents By Year of Grant:	444	54	86	73	42	37	68	32	22	13	19	16	24	35	36	1001
Patents By Year of Application:	594	66	37	48	68	42	30	49	41	21	4	1	0	0	0	1001
TOKAI RIKI DENKI SEISAKUSHO K.K.																
Patents By Year of Grant:	370	40	46	30	33	42	50	69	57	39	54	47	31	45	47	1000
Patents By Year of Application:	456	39	22	47	55	72	64	61	47	45	40	33	19	0	0	1000
WINBOND ELECTRONICS CORP.																
Patents By Year of Grant:	36	24	59	117	116	126	122	79	99	63	63	47	26	14	9	1000
Patents By Year of Application:	120	107	167	130	96	97	114	64	47	29	16	9	4	0	0	1000
Other Organizations (206941)																
Patents By Year of Grant:	478172	52021	67703	70594	72107	77171	77751	78095	74882	65948	79365	72590	72928	79051	109350	1527728
Patents By Year of Application:	612197	75780	75811	83172	90410	96469	98491	92608	85023	76101	65624	46862	22582	6029	569	1527728