

# ALL TECHNOLOGIES REPORT

JANUARY 1, 1988 -- DECEMBER 31, 2012



March 2013  
U.S. PATENT AND TRADEMARK OFFICE  
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*A PATENT TECHNOLOGY MONITORING TEAM REPORT*

# All Technologies Report 1/1/1988 - 12/31/2012 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 1988** and **December 2012** 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 1999**" column, correspond to the period **1988** through **1998**.

### **Part B**

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since **1988**. Data are presented by the year in which the patent was granted ("Patents By Year of Grant") and the year the patented application was filed ("Patents by Year of Application").

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

Since the average time period between filing for a utility patent and the issuing of the patent (i.e., the patent's "pendency") is now about **32** months, the patented application data for applications filed in the most recent years are incomplete.\* This is because the patents included in this report are limited to those **granted** during the specified time period. However, a significant number of the applications filed during the most recent years of this time period were still pending at the end of the period. While many of these applications eventually will be patented, they will not be patented until sometime following the end of the period displayed in this report.

Patented application data are of significant value since the date an application was filed more accurately reflects when the technology was developed. Additionally, fluctuations in data based on application date are much more likely to reflect changes in technological activity since, for the most part, such fluctuations would be immune from changes in 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 1999**" column, correspond to utility patent grants in the report that were filed prior to **1999**.

## Parts of the Report

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

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

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

**Part B** is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) that have received 1000 or more U.S. utility patents since **1988**. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by year in which the patented applications were filed. Information regarding patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

\* For example, in a report profiling utility patents granted through December 2012, patent grant data, as distributed by year of application are approximately 95% complete for utility patent applications filed in 2004, 89% complete for applications filed in 2005, 80% complete for applications filed in 2006, 67% complete for applications filed in 2007, 49% complete for applications filed in 2008, 36% complete for applications filed in 2009, and 19% complete for applications filed in 2010; data are essentially complete for applications filed prior to 2004.

## Part A1

Patent Grants as Distributed By Year of Patent Grant

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1988 - Dec 31, 2012) ----

----- NUMBER OF PATENTS -----  
Pre 1999 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 Total

Total	1128364	153485	157494	166035	167331	169023	164290	143806	173772	157282	157772	167349	219614	224505	253155	3603277
U.S. Origin	609640	83906	85068	87600	86971	87893	84270	74637	89823	79526	77502	82382	107791	108622	121026	1866657
Foreign Origin	518724	69579	72426	78435	80360	81130	80020	69169	83949	77756	80270	84967	111823	115883	132129	1736620

JAPAN	242315	31104	31295	33223	34858	35515	35348	30341	36807	33354	33682	35501	44813	46139	50677	754972
GERMANY	81452	9337	10235	11260	11280	11444	10779	9011	10005	9051	8914	9000	12363	11919	13835	229885
TAIWAN	14993	3693	4670	5371	5431	5298	5938	5118	6361	6128	6339	6642	8239	8781	10646	103648
KOREA, SOUTH	10949	3562	3314	3538	3786	3944	4428	4352	5908	6295	7548	8762	11671	12262	13233	103552
FRANCE	32655	3820	3819	4041	4035	3868	3380	2866	3431	3130	3163	3140	4450	4532	5386	85716
UNITED KINGDOM	29287	3565	3659	3955	3829	3619	3441	3141	3579	3291	3085	3173	4299	4294	5213	81430
CANADA	22949	3226	3419	3606	3431	3427	3374	2894	3572	3318	3393	3655	4852	5014	5775	75905
ITALY	13713	1492	1714	1709	1751	1722	1584	1296	1480	1302	1357	1346	1798	1885	2120	36269
SWITZERLAND	13256	1279	1322	1420	1364	1308	1277	995	1201	1035	1112	1208	1608	1663	1831	31879
NETHERLANDS	9956	1247	1241	1332	1391	1325	1273	993	1323	1250	1330	1288	1615	1742	1904	29210
SWEDEN	8818	1401	1577	1741	1675	1521	1290	1123	1243	1061	1060	1014	1434	1710	2081	28749
ISRAEL	4321	743	783	970	1040	1193	1028	924	1218	1107	1166	1404	1819	1981	2474	22171
AUSTRALIA	5194	707	705	876	859	902	953	910	1325	1265	1291	1221	1748	1921	1525	21402
CHINA, PEOPLE'S REPUB	580	90	119	195	289	297	403	402	661	772	1225	1655	2657	3174	4637	17156
FINLAND	3912	649	618	732	809	865	918	720	950	850	824	864	1143	951	1064	15869
BELGIUM	4418	648	694	718	722	622	612	519	625	520	510	594	820	802	866	13690
AUSTRIA	3925	479	505	589	530	592	540	463	577	457	464	503	727	753	858	11962
DENMARK	2502	487	436	479	426	529	414	358	439	388	391	390	605	730	850	9424
INDIA	358	112	131	178	249	342	363	384	481	546	634	679	1098	1234	1691	8480
SINGAPORE	527	144	218	296	410	427	449	346	412	393	399	436	603	647	810	6517
SPAIN	1702	222	270	269	303	309	264	273	295	268	303	317	414	469	642	6320
NORWAY	1430	224	248	265	242	262	243	220	244	247	273	265	399	366	444	5372
CHINA,HONG KONG S.A.R	783	155	176	237	233	276	312	283	308	338	311	305	429	419	532	5097
RUSSIAN FEDERATION	555	181	183	234	200	203	169	148	172	188	176	196	272	298	331	3506
IRELAND	607	90	121	141	127	163	186	156	174	146	164	177	252	304	339	3147
SOUTH AFRICA	1197	110	111	120	113	112	100	87	109	82	91	93	116	123	142	2706
NEW ZEALAND	620	114	107	124	140	135	142	122	136	113	105	127	168	180	223	2556
BRAZIL	587	91	98	110	96	130	106	77	121	90	101	103	175	215	196	2296
MALAYSIA	106	30	42	39	55	50	80	88	113	158	152	158	202	161	210	1644
HUNGARY	764	39	36	60	48	72	48	46	49	47	66	46	91	100	105	1617
MEXICO	453	76	76	81	94	85	86	80	66	56	54	60	101	90	122	1580
ARGENTINA	284	44	54	51	54	63	46	24	38	37	32	45	45	49	63	929
U.S.S.R.	831	3	1		1											836
LUXEMBOURG	262	22	40	33	37	35	44	41	33	38	24	36	31	40	42	758
CZECH REPUBLIC	34	24	32	23	31	41	31	25	34	37	48	44	74	93	127	698
SAUDI ARABIA	93	12	19	12	10	19	15	18	19	20	30	22	58	61	170	578
Others ( 134 )	2336	357	338	407	411	415	356	325	440	378	453	498	634	781	965	9094

## Ownership:

U.S. Corporations	480552	69389	70886	74328	74154	75327	73021	65207	78924	70497	69960	74799	97756	99527	111808	1586135
U.S. Government	11293	984	928	957	913	882	842	698	792	725	678	695	914	907	992	23200
U.S. Individuals	142665	16699	16129	15203	14116	13536	12172	10358	11857	9898	9022	8922	12012	11251	12148	315988
Foreign Corporations	437776	60169	63180	68939	71662	73098	72776	63114	77375	71956	74465	79202	104153	108346	122933	1549144
Foreign Government	4015	162	104	92	112	85	79	58	51	69	33	102	186	171	249	5568
Foreign Individuals	52063	6082	6267	6516	6374	6095	5400	4371	4773	4137	3614	3629	4593	4303	5025	123242

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1988 - Dec 31, 2012) ----

----- PERCENT OF PATENTS -----  
Pre 1999 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 Total

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

JAPAN	21	20	20	20	21	21	22	21	21	21	21	21	20	21	20	21
GERMANY	7	6	6	7	7	7	7	6	6	6	6	5	6	5	5	6
TAIWAN	1	2	3	3	3	3	4	4	4	4	4	4	4	4	4	3
KOREA, SOUTH	1	2	2	2	2	2	3	3	3	4	5	5	5	5	5	3
FRANCE	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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
ISRAEL				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	1	1
CHINA, PEOPLE'S REPUB											1	1	1	1	2	0
FINLAND						1	1	1	1	1	1	1	1			0
BELGIUM																0
AUSTRIA																0
DENMARK																0
INDIA														1	1	0
SINGAPORE																0
SPAIN																0
NORWAY																0
CHINA,HONG KONG S.A.R																0
RUSSIAN FEDERATION																0
IRELAND																0
SOUTH AFRICA																0
NEW ZEALAND																0
BRAZIL																0
MALAYSIA																0
HUNGARY																0
MEXICO																0
ARGENTINA																0
U.S.S.R.																0
LUXEMBOURG																0
CZECH REPUBLIC																0
SAUDI ARABIA																0
Others ( 134 )																0

## Ownership:

U.S. Corporations	43	45	45	45	44	45	44	45	45	45	44	45	45	44	44	44
U.S. Government	1	1	1	1	1	1	1									1
U.S. Individuals	13	11	10	9	8	8	7	7	7	6	6	5	5	5	5	9
Foreign Corporations	39	39	40	42	43	43	44	44	45	46	47	47	47	48	49	43
Foreign Government																0
Foreign Individuals	5	4	4	4	4	4	3	3	3	3	2	2	2	2	2	3

## Part A2

Patent Grants as Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1988 - Dec 31, 2012) ----

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 Pre 1999 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 Total

Total	1495347	179771	194665	206461	210369	202567	195710	192408	187945	178969	154135	112332	64512	25160	2926	3603277
U.S. Origin	810356	96500	103085	104839	105412	102035	96974	93874	89239	86440	73688	54835	33117	14424	1839	1866657
Foreign Origin	684991	83271	91580	101622	104957	100532	98736	98534	98706	92529	80447	57497	31395	10736	1087	1736620

JAPAN	317986	34225	38995	43385	41976	41198	40860	42496	40782	38016	33542	23887	12793	4416	415	754972
GERMANY	102986	12225	13026	14303	15413	13291	11980	11339	10607	9642	7545	4491	2192	768	77	229885
TAIWAN	22060	5698	5051	5935	6870	7231	7383	7041	7741	7803	7941	7158	4478	1147	111	103648
KOREA, SOUTH	19117	3698	4211	4827	6061	7223	8726	9475	10749	10086	8647	6377	3156	1078	121	103552
FRANCE	41593	4419	4809	4849	5132	4532	4015	3909	3832	3483	2602	1545	730	241	25	85716
UNITED KINGDOM	38391	4402	4641	5213	5302	4592	3820	3403	3195	3143	2521	1531	857	371	48	81430
CANADA	30847	3907	4163	4206	4371	4198	4219	3959	4119	3828	3296	2422	1578	707	85	75905
ITALY	17185	1762	1914	2191	2286	2127	1777	1723	1607	1485	1080	696	312	114	10	36269
SWITZERLAND	16177	1479	1594	1746	1776	1556	1425	1322	1409	1277	1010	625	351	121	11	31879
NETHERLANDS	13007	1406	1584	1836	1886	1833	1918	1460	1406	1182	825	487	248	116	16	29210
SWEDEN	12623	1839	1918	1954	1885	1566	1329	1334	1427	1216	814	492	213	121	18	28749
ISRAEL	6350	1274	1440	1608	1545	1320	1345	1497	1566	1474	1227	880	433	197	15	22171
AUSTRALIA	7134	926	1204	1231	1504	1409	1700	1432	1140	1170	1218	720	441	167	6	21402
CHINA, PEOPLE'S REPUB	810	186	332	491	653	781	1101	1401	2149	2243	2608	2479	1488	399	35	17156
FINLAND	5615	1010	1236	1387	1288	1096	1023	856	795	593	510	269	131	56	4	15869
BELGIUM	6038	786	796	815	856	839	679	699	721	582	403	250	155	67	4	13690
AUSTRIA	5006	589	612	707	867	712	646	575	629	643	464	291	157	56	8	11962
DENMARK	3604	559	554	717	694	565	502	484	508	393	353	288	143	50	10	9424
INDIA	629	205	333	484	690	786	752	748	863	971	978	613	319	99	10	8480
SINGAPORE	962	364	465	533	576	492	536	519	549	493	446	300	204	70	8	6517
SPAIN	2245	268	332	449	420	419	369	413	401	357	292	188	117	45	5	6320
NORWAY	1926	313	325	389	435	356	320	313	323	281	204	114	49	19	5	5372
CHINA,HONG KONG S.A.R	1117	236	260	372	386	417	387	369	344	396	348	273	148	41	3	5097
RUSSIAN FEDERATION	975	253	250	270	241	246	192	204	243	206	184	127	64	44	7	3506
IRELAND	904	140	198	212	270	203	192	230	197	207	169	130	63	29	3	3147
SOUTH AFRICA	1441	130	132	169	156	125	143	90	105	80	53	43	29	10		2706
NEW ZEALAND	889	130	182	212	208	218	159	128	122	115	89	57	30	16	1	2556
BRAZIL	788	119	118	143	173	149	164	112	125	146	119	81	39	16	4	2296
MALAYSIA	177	56	58	88	87	154	188	172	171	171	146	96	64	15	1	1644
HUNGARY	865	57	75	74	103	69	68	84	52	67	49	25	20	7	2	1617
MEXICO	628	84	99	119	88	106	68	86	88	56	82	37	27	11	1	1580
ARGENTINA	395	44	64	76	46	46	52	33	45	41	40	24	16	7		929
U.S.S.R.	836															836
LUXEMBOURG	329	35	41	48	61	51	41	38	37	35	20	14	4	3	1	758
CZECH REPUBLIC	99	23	33	56	41	47	53	48	59	66	69	64	30	5	5	698
SAUDI ARABIA	130	9	14	14	34	26	30	24	41	33	62	65	64	26	6	578
Others ( 134 )	3127	415	521	513	577	553	574	518	559	549	491	358	252	81	6	9094

## Ownership:

U.S. Corporations	652731	82256	88779	91802	92642	89971	85576	84124	80595	77737	67653	48556	29152	12927	1634	1586135
U.S. Government	13655	851	996	1034	996	920	857	850	696	693	603	598	317	115	19	23200
U.S. Individuals	175197	15913	15907	14647	14789	13749	12375	11369	10310	9965	8524	7050	4288	1700	205	315988
Foreign Corporations	585360	73828	81784	91637	94642	91620	91731	91505	91955	86702	74376	53673	29333	9975	1023	1549144
Foreign Government	4311	109	136	98	112	103	111	104	129	120	110	81	35	9		5568
Foreign Individuals	64093	6814	7063	7243	7188	6204	5060	4456	4260	3752	2869	2374	1387	434	45	123242

	Patents Granted By Date Of Patent Application (Granted: Jan 01, 1988 - Dec 31, 2012)															
	PERCENT OF PATENTED APPLICATIONS															
	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	54	54	53	51	50	50	50	49	47	48	48	49	51	57	63	52
Foreign Origin	46	46	47	49	50	50	50	51	53	52	52	51	49	43	37	48
JAPAN	21	19	20	21	20	20	21	22	22	21	22	21	20	18	14	21
GERMANY	7	7	7	7	7	7	6	6	6	5	5	4	3	3	3	6
TAIWAN	1	3	3	3	3	4	4	4	4	4	5	6	7	5	4	3
KOREA, SOUTH	1	2	2	2	3	4	4	5	6	6	6	6	5	4	4	3
FRANCE	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
UNITED KINGDOM	3	2	2	3	3	2	2	2	2	2	2	1	1	1	2	2
CANADA	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
ITALY	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
NETHERLANDS	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
ISRAEL		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	1	1		1
CHINA, PEOPLE'S REPUB			1				1	1	1	1	2	2	2	2	1	0
FINLAND		1	1	1	1	1	1									0
BELGIUM																0
AUSTRIA																0
DENMARK																0
INDIA										1	1	1				0
SINGAPORE																0
SPAIN																0
NORWAY																0
CHINA,HONG KONG S.A.R																0
RUSSIAN FEDERATION																0
IRELAND																0
SOUTH AFRICA																0
NEW ZEALAND																0
BRAZIL																0
MALAYSIA																0
HUNGARY																0
MEXICO																0
ARGENTINA																0
U.S.S.R.																0
LUXEMBOURG																0
CZECH REPUBLIC																0
SAUDI ARABIA																0
Others ( 134 )																0
Ownership:																
U.S. Corporations	44	46	46	44	44	44	44	44	43	43	44	43	45	51	56	44
U.S. Government	1		1	1								1			1	1
U.S. Individuals	12	9	8	7	7	7	6	6	5	6	6	6	7	7	7	9
Foreign Corporations	39	41	42	44	45	45	47	48	49	48	48	48	45	40	35	43
Foreign Government																0
Foreign Individuals	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2	0



**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, 1988 - Dec 31, 2012) ---- Ranked List of Organizations with 1000 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	13319	2756	2886	3411	3288	3415	3248	2941	3621	3125	4169	4887	5866	6148	6457	69537
Patents By Year of Application:	21860	4391	4375	4059	3563	3994	3753	3748	3720	5334	7099	2348	934	295	64	69537
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	12546	1793	1890	1877	1892	1992	1806	1829	2368	1983	2107	2200	2551	2818	3173	42825
Patents By Year of Application:	18599	1943	1838	2081	1849	2196	2202	2685	2220	2287	2056	1671	876	284	38	42825
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	4050	1542	1437	1446	1328	1313	1604	1641	2451	2723	3502	3592	4518	4868	5043	41058
Patents By Year of Application:	7842	1478	1355	1612	2040	3026	3633	3853	4562	4443	3386	2252	1162	366	48	41058
TOSHIBA CORPORATION																
Patents By Year of Grant:	10566	1200	1232	1149	1130	1184	1311	1258	1672	1519	1575	1669	2212	2451	2415	32543
Patents By Year of Application:	13514	1153	1197	1407	1497	1540	1783	1695	1862	1887	1791	1645	1132	401	39	32543
HITACHI, LTD																
Patents By Year of Grant:	10516	1008	1036	1272	1600	1892	1513	1271	1732	1381	1301	1051	1447	1455	1428	29903
Patents By Year of Application:	13023	1325	1624	2220	1888	1556	1729	1335	1322	1220	1335	705	398	209	14	29903
SONY CORPORATION																
Patents By Year of Grant:	6595	1417	1385	1363	1434	1311	1305	1135	1771	1454	1461	1656	2130	2265	3017	29699
Patents By Year of Application:	10669	1670	1699	1903	1540	1607	1615	2162	1687	1653	1488	1202	616	169	19	29699
FUJITSU LIMITED																
Patents By Year of Grant:	6288	1192	1146	1166	1211	1302	1296	1154	1487	1293	1475	1188	1276	1382	1527	24383
Patents By Year of Application:	9766	1273	1440	1611	1394	1218	1428	1644	1232	1025	920	913	417	92	10	24383
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	8913	699	787	1107	1416	1139	976	904	1051	911	911	976	1222	1444	1650	24106
Patents By Year of Application:	10653	1235	1400	1266	1162	1224	1144	1267	1212	1056	1102	795	439	143	8	24106
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	7008	1052	1137	1440	1544	1774	1934	1688	2229	1910	1469	47	13	7	2	23254
Patents By Year of Application:	9947	1580	1968	2313	2103	2119	1679	947	473	115	7	1	2	0	0	23254
NEC CORPORATION																
Patents By Year of Grant:	8412	1843	2020	1953	1821	1181	813	661	728	600	527	511	652	592	806	23120
Patents By Year of Application:	13320	2125	1790	1364	851	638	590	635	557	503	403	241	68	32	3	23120
INTEL CORPORATION																
Patents By Year of Grant:	2385	733	795	809	1077	1592	1601	1549	1959	1864	1772	1534	1652	1244	1287	21853
Patents By Year of Application:	4893	1392	1734	1809	2041	2268	1948	1652	1435	1089	717	464	256	142	13	21853

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	9857	1054	1010	1184	1373	1243	784	614	610	477	481	521	692	605	691	21196
Patents By Year of Application:	12231	1115	1308	1453	1050	626	692	577	635	643	413	269	121	55	8	21196
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	1600	934	1304	1643	1834	1707	1760	1561	1610	1476	1250	966	917	947	913	20422
Patents By Year of Application:	4447	1558	1846	1949	2025	1583	1637	1362	1407	751	611	487	491	245	23	20422
MICROSOFT CORPORATION																
Patents By Year of Grant:	729	352	344	396	499	499	629	746	1463	1638	2026	2901	3086	2309	2610	20227
Patents By Year of Application:	2115	762	1063	938	1127	1759	2921	3388	2058	1712	1232	634	347	156	15	20227
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	8735	992	875	719	694	748	712	578	688	492	320	296	352	298	428	16927
Patents By Year of Application:	10834	666	893	814	830	695	629	405	299	273	224	221	108	33	3	16927
MOTOROLA, INC.																
Patents By Year of Grant:	8498	1192	1196	778	712	610	564	456	576	411	350	339	395	26	1	16104
Patents By Year of Application:	11221	692	983	649	711	571	416	369	319	142	27	4	0	0	0	16104
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	5265	722	912	793	674	660	732	689	854	698	721	710	861	843	962	16096
Patents By Year of Application:	7065	993	876	969	994	894	971	841	765	631	575	386	110	25	1	16096
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	4840	598	686	797	717	764	898	734	880	749	755	649	827	790	826	15510
Patents By Year of Application:	6628	802	793	938	992	961	753	763	651	684	604	468	314	148	11	15510
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.																
Patents By Year of Grant:	0	0	0	0	0	1292	1775	1790	2099	1466	1422	1269	1480	1307	1393	15293
Patents By Year of Application:	135	329	1002	2211	2313	2716	1855	1566	912	1004	542	430	216	57	5	15293
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	1538	302	396	498	618	764	839	884	1200	1205	1219	1328	1438	1525	1454	15208
Patents By Year of Application:	2547	586	719	943	1023	1254	1510	1370	1365	1211	1128	882	493	169	8	15208
XEROX CORPORATION																
Patents By Year of Grant:	5421	665	569	716	693	613	514	426	501	513	529	620	853	879	1047	14559
Patents By Year of Application:	6960	855	784	557	599	526	516	880	678	604	713	561	253	67	6	14559
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	3260	461	463	562	653	647	736	698	778	677	703	725	987	963	1074	13387
Patents By Year of Application:	4255	441	739	776	995	898	927	919	826	837	874	571	283	43	3	13387

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
RICOH COMPANY, LTD.																
Patents By Year of Grant:	3286	405	414	372	326	410	530	469	693	727	851	985	1198	1246	1407	13319
Patents By Year of Application:	4239	451	471	560	711	852	819	914	1117	1094	1084	662	253	89	3	13319
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	4226	521	586	526	534	493	529	473	665	646	585	639	794	858	1097	13172
Patents By Year of Application:	5623	482	689	671	614	789	776	765	811	715	603	366	205	57	6	13172
FUJII PHOTO FILM CO., LTD																
Patents By Year of Grant:	6829	539	542	583	687	804	1025	750	906	294	14	14	3	1	0	12991
Patents By Year of Application:	8148	689	926	975	916	771	390	150	23	1	2	0	0	0	0	12991
ROBERT BOSCH GMBH																
Patents By Year of Grant:	3078	420	547	700	679	753	903	756	646	568	413	465	586	615	743	11872
Patents By Year of Application:	4124	760	778	993	1285	1010	633	623	478	498	371	224	75	18	2	11872
LG ELECTRONICS INC.																
Patents By Year of Grant:	351	229	220	248	341	410	480	463	694	682	805	1064	1488	1404	1617	10496
Patents By Year of Application:	990	317	469	644	712	857	1079	1119	1205	1144	827	674	325	116	18	10496
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	5089	338	338	330	312	340	330	251	362	369	325	359	492	491	462	10188
Patents By Year of Application:	5812	338	394	376	382	435	393	420	436	390	291	281	149	84	7	10188
PANASONIC CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	255	1759	2443	2533	2748	9738
Patents By Year of Application:	4	2	12	32	103	302	789	1473	1757	1785	1523	1002	609	307	38	9738
ADVANCED MICRO DEVICES, INC.																
Patents By Year of Grant:	1712	825	1053	1086	1154	904	802	526	439	304	194	181	164	187	178	9709
Patents By Year of Application:	3975	979	1234	992	851	497	338	227	179	159	121	95	45	12	5	9709
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	1985	1152	1411	1109	662	621	534	405	552	432	405	4	1	0	0	9273
Patents By Year of Application:	5292	1413	844	433	408	474	242	115	41	11	0	0	0	0	0	9273
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
Patents By Year of Grant:	0	0	0	12	842	1354	1217	763	896	547	483	504	662	688	820	8788
Patents By Year of Application:	249	585	1132	1759	1437	873	732	589	559	480	216	116	39	17	5	8788
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	2221	402	342	330	296	273	268	271	384	351	387	453	721	898	1173	8770
Patents By Year of Application:	3020	314	296	345	298	378	518	655	873	901	736	327	71	35	3	8770

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	4347	850	901	978	1061	403	0	7	10	3	0	0	9	24	5	8598
Patents By Year of Application:	6518	869	656	488	31	2	4	7	6	5	6	4	1	1	0	8598
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	6131	735	693	702	253	4	2	0	2	0	0	0	1	0	2	8525
Patents By Year of Application:	7861	466	176	21	0	0	0	0	0	0	0	1	0	0	0	8525
DENSO CORPORATION																
Patents By Year of Grant:	131	305	369	435	482	552	646	609	732	753	655	710	797	631	704	8511
Patents By Year of Application:	854	440	441	637	671	754	769	870	839	843	715	432	213	31	2	8511
BASF AKTIENGESELLSCHAFT																
Patents By Year of Grant:	3797	414	509	486	473	393	343	231	278	225	214	176	225	127	91	7982
Patents By Year of Application:	4776	504	504	513	545	404	268	178	164	83	15	12	8	8	0	7982
INFINEON TECHNOLOGIES AG																
Patents By Year of Grant:	0	0	42	218	452	639	785	787	890	847	809	595	763	608	460	7895
Patents By Year of Application:	99	173	485	844	1137	996	943	991	783	644	404	215	133	46	2	7895
CISCO TECHNOLOGY, INC.																
Patents By Year of Grant:	19	45	104	164	223	336	433	440	649	580	704	913	1114	979	950	7653
Patents By Year of Application:	451	529	689	637	656	697	704	983	833	624	430	280	88	46	6	7653
SUN MICROSYSTEMS, INC.																
Patents By Year of Grant:	981	560	465	436	502	564	678	653	776	610	509	561	198	3	1	7497
Patents By Year of Application:	2515	571	694	874	1007	620	503	367	259	65	22	0	0	0	0	7497
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	3156	349	351	313	378	359	317	258	270	268	224	232	302	311	355	7443
Patents By Year of Application:	3997	286	335	359	350	343	318	281	230	275	231	251	133	44	10	7443
PROCTER + GAMBLE COMPANY																
Patents By Year of Grant:	2456	550	465	426	433	438	397	296	273	215	208	195	332	327	395	7406
Patents By Year of Application:	3583	458	527	515	440	345	267	300	231	212	156	183	115	68	6	7406
AT&T CORP.																
Patents By Year of Grant:	4504	278	294	289	284	208	218	202	264	273	248	141	84	5	3	7295
Patents By Year of Application:	5480	301	269	305	223	144	151	242	95	58	24	3	0	0	0	7295
HON HAI PRECISION IND. CO., LTD.																
Patents By Year of Grant:	71	106	397	441	392	391	486	291	432	321	498	666	874	886	1014	7266
Patents By Year of Application:	355	525	276	460	542	356	516	335	640	642	834	845	783	151	6	7266

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	1823	264	224	190	115	105	165	152	238	325	462	529	770	886	1012	7260
Patents By Year of Application:	2448	148	104	111	174	325	403	541	793	687	702	508	245	62	9	7260
BOEING COMPANY																
Patents By Year of Grant:	1600	147	136	163	199	266	420	403	478	428	421	532	658	695	672	7218
Patents By Year of Application:	1957	130	188	380	530	620	571	608	646	572	522	308	137	47	2	7218
BAYER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	4547	341	304	362	398	348	329	176	148	38	11	5	9	3	4	7023
Patents By Year of Application:	5237	357	340	438	424	154	43	13	8	6	0	1	0	2	0	7023
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	3940	275	254	176	190	291	376	392	490	343	194	94	7	0	0	7022
Patents By Year of Application:	4426	172	218	286	521	570	600	190	33	5	1	0	0	0	0	7022
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	1440	239	251	286	367	373	377	352	516	454	446	433	489	471	462	6956
Patents By Year of Application:	2089	319	473	474	501	469	498	507	452	409	384	226	126	29	0	6956
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	1737	434	432	401	430	437	422	388	410	333	237	251	349	323	357	6941
Patents By Year of Application:	2926	463	488	533	477	434	330	307	325	248	165	142	68	27	8	6941
BROADCOM CORPORATION																
Patents By Year of Grant:	4	0	6	42	74	167	299	414	660	533	643	714	958	1164	1157	6835
Patents By Year of Application:	26	92	230	361	668	694	908	785	730	786	510	517	328	176	24	6835
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	57	205	342	377	535	460	559	538	619	655	824	780	815	6766
Patents By Year of Application:	169	187	443	477	573	597	747	828	747	735	706	350	169	35	3	6766
TELEFONAKTIEBOLAGET LM ERICSSON																
Patents By Year of Grant:	809	366	463	507	513	471	390	331	359	253	263	248	388	530	843	6734
Patents By Year of Application:	2213	625	717	544	375	317	387	355	363	339	273	156	42	23	5	6734
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																
Patents By Year of Grant:	725	184	159	210	246	273	336	292	405	413	468	545	733	761	861	6611
Patents By Year of Application:	1328	257	273	365	413	424	574	535	564	479	444	384	356	197	18	6611
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	477	290	385	530	449	431	463	441	471	467	365	311	435	439	649	6603
Patents By Year of Application:	1121	586	353	452	685	539	642	445	435	405	264	222	361	85	8	6603

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	172	434	431	529	572	525	416	471	459	394	322	492	457	391	6065
Patents By Year of Application:	858	460	535	674	613	588	499	471	462	331	247	141	130	52	4	6065
FUJII XEROX CO., LTD.																
Patents By Year of Grant:	1439	248	192	158	182	174	198	199	246	313	332	425	571	582	683	5942
Patents By Year of Application:	1977	195	235	236	213	391	325	463	547	415	401	370	158	14	2	5942
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	2436	211	251	260	249	260	261	290	328	268	222	253	274	190	165	5918
Patents By Year of Application:	2914	222	250	311	354	357	413	398	229	240	164	36	20	7	3	5918
APPLIED MATERIALS, INC.																
Patents By Year of Grant:	631	264	386	433	503	537	360	352	354	285	274	299	439	361	331	5809
Patents By Year of Application:	1550	427	587	443	465	343	332	323	423	353	266	151	104	40	2	5809
NIKON CORPORATION																
Patents By Year of Grant:	2355	365	280	285	245	299	228	183	142	134	157	153	218	296	340	5680
Patents By Year of Application:	3079	296	347	300	198	177	135	256	238	208	223	116	86	20	1	5680
QUALCOMM, INC.																
Patents By Year of Grant:	234	110	100	173	196	178	283	200	399	278	286	356	657	923	1292	5665
Patents By Year of Application:	625	282	226	421	426	381	414	517	690	526	541	418	168	26	4	5665
HYNIX SEMICONDUCTOR INC.																
Patents By Year of Grant:	0	0	0	4	99	244	337	358	438	406	435	585	973	934	672	5485
Patents By Year of Application:	9	14	45	266	429	431	475	483	596	816	881	609	315	104	12	5485
NOKIA CORPORATION																
Patents By Year of Grant:	1	0	0	7	41	212	367	335	597	679	608	648	758	585	605	5443
Patents By Year of Application:	24	214	402	742	789	727	705	553	502	324	268	131	53	8	1	5443
FUJIFILM CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	660	863	873	1025	963	1022	5409
Patents By Year of Application:	3	5	39	85	150	317	538	899	999	763	732	598	229	50	2	5409
MINNESOTA MINING AND MANUFACTURING COMPANY																
Patents By Year of Grant:	4874	317	50	14	11	6	3	1	1	0	0	0	0	0	0	5277
Patents By Year of Application:	5260	8	5	3	0	1	0	0	0	0	0	0	0	0	0	5277
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																
Patents By Year of Grant:	1018	208	198	221	217	207	197	161	255	229	286	391	476	462	540	5066
Patents By Year of Application:	1441	256	219	221	251	280	303	333	421	396	401	389	132	21	2	5066

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	2631	365	333	304	240	221	210	159	169	113	53	41	33	23	8	4903
Patents By Year of Application:	3534	356	348	280	184	131	21	13	10	13	8	1	3	1	0	4903
MURATA MANUFACTURING CO., LTD.																
Patents By Year of Grant:	1178	268	302	320	444	446	373	228	176	106	161	173	190	187	267	4819
Patents By Year of Application:	1782	360	474	432	348	276	199	91	70	168	195	211	130	74	9	4819
APPLE, INC.																
Patents By Year of Grant:	935	169	85	97	76	80	94	85	106	118	185	289	563	676	1136	4694
Patents By Year of Application:	1320	86	80	112	143	207	233	273	409	511	452	393	282	167	26	4694
SILVERBROOK RESEARCH PTY. LTD																
Patents By Year of Grant:	0	0	10	117	121	122	172	247	510	533	608	474	752	812	189	4667
Patents By Year of Application:	158	33	236	82	257	343	737	618	351	449	723	362	252	64	2	4667
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	602	190	294	314	338	405	431	282	257	162	190	202	282	322	325	4596
Patents By Year of Application:	1271	357	397	512	346	363	207	180	188	217	205	207	86	52	8	4596
DELPHI TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	2	94	327	640	635	548	406	389	356	311	308	232	139	111	4498
Patents By Year of Application:	51	373	629	731	619	506	376	428	284	236	158	62	35	10	0	4498
GM GLOBAL TECHNOLOGY OPERATIONS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	32	195	316	527	940	1092	1374	4476
Patents By Year of Application:	0	0	1	0	7	18	86	532	639	920	1127	753	304	84	5	4476
TDK CORPORATION																
Patents By Year of Grant:	725	104	160	216	258	231	204	159	292	338	322	342	359	334	295	4339
Patents By Year of Application:	1038	247	275	270	187	263	453	354	343	345	249	188	108	18	1	4339
YAZAKI CORP.																
Patents By Year of Grant:	1443	307	304	335	311	311	202	156	154	146	164	140	152	108	105	4338
Patents By Year of Application:	2056	285	357	308	253	170	173	151	148	139	158	90	44	6	0	4338
CATERPILLAR INC.																
Patents By Year of Grant:	1262	262	334	258	246	220	174	154	142	176	172	161	219	273	267	4320
Patents By Year of Application:	1855	294	264	245	251	155	145	213	224	283	301	43	30	12	5	4320
SHELL OIL COMPANY																
Patents By Year of Grant:	2377	131	132	127	79	100	170	119	185	138	135	141	178	127	134	4273
Patents By Year of Application:	2669	110	116	229	244	163	195	114	125	139	91	45	28	4	1	4273



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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	555	146	179	203	237	192	223	199	211	225	245	329	435	456	421	4256
Patents By Year of Application:	931	168	298	270	289	316	286	298	369	424	287	184	89	43	4	4256
SUMITOMO ELECTRIC INDUSTRIES, LTD.																
Patents By Year of Grant:	1919	163	136	156	170	183	177	169	160	149	145	156	175	188	188	4234
Patents By Year of Application:	2266	143	183	203	211	229	174	182	162	148	116	95	96	23	3	4234
MEDTRONIC INC.																
Patents By Year of Grant:	832	208	231	185	171	192	178	181	233	250	148	217	374	377	422	4199
Patents By Year of Application:	1304	239	227	279	265	380	274	262	296	249	131	173	91	27	2	4199
NATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	1372	197	187	183	208	217	219	223	259	227	191	200	204	172	98	4157
Patents By Year of Application:	1800	191	220	233	264	270	310	249	162	214	115	59	45	25	0	4157
NORTEL NETWORKS LIMITED																
Patents By Year of Grant:	0	92	392	463	413	435	497	377	320	272	272	245	180	178	15	4151
Patents By Year of Application:	1185	698	711	309	339	330	238	106	105	47	38	27	16	2	0	4151
OKI ELECTRIC INDUSTRY CO., LTD.																
Patents By Year of Grant:	1027	200	224	299	326	295	307	315	318	279	232	82	64	63	91	4122
Patents By Year of Application:	1597	268	336	308	392	365	275	230	146	78	54	48	23	2	0	4122
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	598	80	122	158	177	194	206	178	224	217	259	274	464	451	462	4064
Patents By Year of Application:	851	136	223	219	298	265	258	260	379	412	350	285	100	25	3	4064
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	3259	141	133	167	118	42	28	10	9	5	0	3	0	1	0	3916
Patents By Year of Application:	3573	135	122	58	19	2	3	1	2	1	0	0	0	0	0	3916
AGILENT TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	122	334	312	387	645	559	468	283	261	178	124	115	108	3896
Patents By Year of Application:	285	358	378	515	688	570	336	297	223	102	64	58	19	3	0	3896
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	1993	107	119	101	78	58	54	82	133	122	130	138	212	249	318	3894
Patents By Year of Application:	2268	93	49	71	89	129	225	184	255	228	147	73	50	21	12	3894
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	2268	222	281	253	260	251	119	80	62	30	15	14	10	4	2	3871
Patents By Year of Application:	2855	281	264	218	129	70	18	13	10	6	3	0	4	0	0	3871

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
RENESAS TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	20	913	606	583	505	500	369	342	8	0	3846
Patents By Year of Application:	16	28	89	284	737	746	494	459	429	360	162	40	1	1	0	3846
LSI LOGIC CORPORATION																
Patents By Year of Grant:	734	337	325	289	308	374	378	339	384	105	107	29	7	3	1	3720
Patents By Year of Application:	1660	230	280	509	437	342	146	80	19	9	5	2	1	0	0	3720
HOECHST AKTIENGESELLSCHAFT																
Patents By Year of Grant:	3415	152	82	18	18	9	1	2	0	0	0	1	0	0	0	3698
Patents By Year of Application:	3672	14	5	4	2	0	1	0	0	0	0	0	0	0	0	3698
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	1699	140	141	161	145	129	134	127	181	144	129	116	146	128	172	3692
Patents By Year of Application:	2025	149	162	144	161	168	191	181	140	91	93	93	69	23	2	3692
EATON CORPORATION																
Patents By Year of Grant:	1579	222	194	148	156	139	123	125	136	121	119	141	125	122	130	3580
Patents By Year of Application:	1936	175	185	133	146	147	155	167	144	147	103	89	42	11	0	3580
YAMAHA CORPORATION																
Patents By Year of Grant:	1281	208	141	115	130	113	109	142	169	174	193	211	204	194	179	3563
Patents By Year of Application:	1670	127	152	183	180	218	171	216	181	165	151	80	58	10	1	3563
UNITED MICROELECTRONICS CORPORATION																
Patents By Year of Grant:	707	266	430	584	277	188	77	95	106	125	120	151	159	118	137	3540
Patents By Year of Application:	1454	483	276	226	120	93	134	175	140	156	130	71	57	21	4	3540
L'OREAL S.A.																
Patents By Year of Grant:	1064	259	227	268	280	208	128	107	153	163	144	115	161	147	98	3522
Patents By Year of Application:	1635	288	303	248	222	182	157	160	111	80	63	46	23	4	0	3522
SUMITOMO CHEMICAL COMPANY, LIMITED																
Patents By Year of Grant:	1519	136	149	168	187	174	152	113	102	109	80	107	132	181	204	3513
Patents By Year of Application:	1859	173	171	212	204	155	135	126	114	109	118	82	31	23	1	3513
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE																
Patents By Year of Grant:	266	130	124	72	89	103	86	112	171	206	254	305	460	505	616	3499
Patents By Year of Application:	589	78	79	113	204	265	310	346	399	393	325	277	109	10	2	3499
RAYTHEON COMPANY																
Patents By Year of Grant:	671	219	205	182	157	184	176	145	207	126	123	167	205	321	365	3453
Patents By Year of Application:	1208	136	158	180	213	201	196	185	162	209	232	254	96	23	0	3453

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	653	106	133	158	138	161	123	131	134	172	197	247	362	332	368	3415
Patents By Year of Application:	935	132	157	161	184	167	161	214	235	337	362	257	74	38	1	3415
KIMBERLY-CLARK WORLDWIDE, INC.																
Patents By Year of Grant:	256	175	224	234	247	363	301	256	224	173	142	159	236	200	204	3394
Patents By Year of Application:	800	280	370	416	411	274	190	200	143	116	100	44	40	7	3	3394
KONICA CORPORATION																
Patents By Year of Grant:	2009	159	152	148	177	146	194	124	113	65	39	15	8	10	0	3359
Patents By Year of Application:	2352	159	165	174	217	222	16	20	15	12	5	1	1	0	0	3359
FORD MOTOR COMPANY																
Patents By Year of Grant:	2600	151	102	27	18	46	58	46	41	31	42	32	34	25	22	3275
Patents By Year of Application:	2833	44	78	29	57	56	44	35	38	36	12	8	5	0	0	3275
FORD GLOBAL TECHNOLOGIES, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	204	313	254	323	315	289	280	364	369	560	3271
Patents By Year of Application:	1	10	79	159	371	319	326	331	395	360	309	261	250	85	15	3271
LOCKHEED MARTIN CORPORATION																
Patents By Year of Grant:	174	117	175	152	192	223	200	201	229	240	208	213	298	296	346	3264
Patents By Year of Application:	505	185	209	281	290	292	242	242	255	212	263	193	80	14	1	3264
CORNING INCORPORATED																
Patents By Year of Grant:	866	102	111	214	247	257	235	113	133	128	96	121	181	212	240	3256
Patents By Year of Application:	1100	261	258	273	233	151	125	127	132	174	159	163	80	16	4	3256
CIBA-GEIGY CORPORATION																
Patents By Year of Grant:	3195	4	3	0	2	0	0	0	0	0	0	0	0	0	0	3204
Patents By Year of Application:	3203	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3204
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	926	151	193	263	210	252	239	215	187	168	145	91	56	60	45	3201
Patents By Year of Application:	1308	251	270	283	211	236	189	166	92	77	53	35	23	7	0	3201
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	1174	142	113	125	135	127	132	136	139	141	134	134	174	160	216	3182
Patents By Year of Application:	1534	154	153	151	178	187	135	153	167	115	89	95	49	19	3	3182
MERCK + CO., INC.																
Patents By Year of Grant:	1723	216	182	185	174	132	58	64	78	102	99	123	26	2	1	3165
Patents By Year of Application:	2161	184	169	153	114	142	113	68	34	18	9	0	0	0	0	3165

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
<b>ALLIED-SIGNAL INC.</b>																
Patents By Year of Grant:	2493	147	183	162	67	39	13	3	1	2	0	0	0	0	0	3110
Patents By Year of Application:	2852	193	34	20	9	1	1	0	0	0	0	0	0	0	0	3110
<b>FREESCALE SEMICONDUCTOR, INC.</b>																
Patents By Year of Grant:	0	0	0	0	0	0	134	256	287	322	322	368	489	483	438	3099
Patents By Year of Application:	1	8	46	81	224	296	282	495	489	413	343	254	120	44	3	3099
<b>ILLINOIS TOOL WORKS INC.</b>																
Patents By Year of Grant:	640	97	138	176	147	209	217	248	177	202	185	143	173	167	151	3070
Patents By Year of Application:	860	166	202	235	285	269	230	230	179	172	120	78	32	11	1	3070
<b>WESTINGHOUSE ELECTRIC CORP.</b>																
Patents By Year of Grant:	3013	11	4	0	1	0	0	0	0	0	0	0	0	0	0	3029
Patents By Year of Application:	3028	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3029
<b>HALLIBURTON ENERGY SERVICES, INC.</b>																
Patents By Year of Grant:	103	115	140	169	166	186	209	193	279	284	220	203	264	223	270	3024
Patents By Year of Application:	375	158	165	196	298	282	363	294	224	204	151	173	90	39	12	3024
<b>SHIN ETSU CHEMICAL CO., LTD.</b>																
Patents By Year of Grant:	1220	97	111	128	134	136	166	119	107	97	92	134	157	143	167	3008
Patents By Year of Application:	1431	108	167	180	165	152	134	130	133	128	95	102	65	17	1	3008
<b>MOBIL OIL CORP.</b>																
Patents By Year of Grant:	2741	72	70	52	14	4	4	3	0	0	1	0	0	0	0	2961
Patents By Year of Application:	2903	51	5	0	0	1	0	1	0	0	0	0	0	0	0	2961
<b>RESEARCH IN MOTION LIMITED</b>																
Patents By Year of Grant:	12	4	8	8	16	13	14	27	84	131	205	306	477	663	986	2954
Patents By Year of Application:	25	11	17	42	64	96	332	350	409	346	292	390	318	229	33	2954
<b>SAMSUNG SDI CO., LTD.</b>																
Patents By Year of Grant:	0	0	0	26	108	118	150	125	162	315	432	421	438	357	298	2950
Patents By Year of Application:	5	31	161	137	195	224	470	612	478	294	183	97	43	18	2	2950
<b>HUGHES AIRCRAFT COMPANY</b>																
Patents By Year of Grant:	2925	6	1	0	0	0	0	0	1	0	0	0	0	0	0	2933
Patents By Year of Application:	2933	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2933
<b>XILINX, INC.</b>																
Patents By Year of Grant:	258	93	115	125	146	137	137	177	261	233	243	262	265	210	232	2894
Patents By Year of Application:	477	115	187	152	204	273	298	293	215	193	218	166	93	10	0	2894

---- Organizational Patenting (Granted: Jan 01, 1988 - Dec 31, 2012) ---- Ranked List of Organizations with 1000 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
LG DISPLAY CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	274	596	737	643	625	2875
Patents By Year of Application:	2	1	10	27	44	72	299	537	708	362	310	261	169	63	10	2875
DEERE + COMPANY																
Patents By Year of Grant:	826	84	69	122	119	154	158	141	142	151	138	143	199	187	185	2818
Patents By Year of Application:	957	119	136	174	170	178	147	209	188	162	176	114	73	14	1	2818
AISIN SEIKI KABUSHIKI KAISHA																
Patents By Year of Grant:	1232	137	110	109	127	108	112	89	97	86	94	109	110	99	130	2749
Patents By Year of Application:	1486	118	91	150	122	105	115	119	132	94	80	95	34	8	0	2749
NGK INSULATORS LTD.																
Patents By Year of Grant:	923	123	116	132	161	147	144	105	125	116	125	124	137	127	121	2726
Patents By Year of Application:	1222	139	143	157	198	149	140	120	82	122	99	102	40	13	0	2726
ROHM CO., LTD.																
Patents By Year of Grant:	720	95	116	132	150	128	135	113	163	143	155	114	160	208	171	2703
Patents By Year of Application:	972	138	163	142	142	161	196	196	172	119	170	75	44	13	0	2703
ABBOTT LABORATORIES																
Patents By Year of Grant:	1272	149	128	124	115	114	65	46	69	54	67	74	105	133	170	2685
Patents By Year of Application:	1629	130	111	103	81	84	80	58	100	101	83	64	46	13	2	2685
HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.																
Patents By Year of Grant:	0	0	0	0	0	59	126	188	293	322	322	385	340	307	334	2676
Patents By Year of Application:	10	7	40	120	149	301	408	480	362	356	216	156	52	14	5	2676
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	1660	278	233	234	246	8	5	1	0	0	0	0	0	0	0	2665
Patents By Year of Application:	2196	236	168	63	2	0	0	0	0	0	0	0	0	0	0	2665
AT& T INTELLECTUAL PROPERTY I, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	141	425	480	719	885	2650
Patents By Year of Application:	1	6	13	36	83	180	182	338	366	433	499	364	94	52	3	2650
PFIZER INC.																
Patents By Year of Grant:	915	112	153	172	187	196	164	163	138	108	77	75	73	43	61	2637
Patents By Year of Application:	1160	220	226	200	188	197	130	103	71	50	34	32	16	8	2	2637
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION																
Patents By Year of Grant:	1397	93	96	91	85	80	102	87	62	70	66	86	101	107	105	2628
Patents By Year of Application:	1614	72	104	94	115	96	86	87	93	88	68	74	28	8	1	2628

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
UNITED STATES OF AMERICA, DEPARTMENT OF HEALTH & HUMAN SERVICES																
Patents By Year of Grant:	981	142	96	102	91	87	117	80	122	99	110	108	135	152	131	2553
Patents By Year of Application:	1361	109	136	165	145	123	91	101	78	78	60	55	31	19	1	2553
EMC CORPORATION																
Patents By Year of Grant:	123	68	76	91	101	135	129	130	161	173	192	250	307	282	319	2537
Patents By Year of Application:	377	124	178	193	167	153	250	218	355	265	115	56	54	28	4	2537
ELI LILLY AND COMPANY																
Patents By Year of Grant:	1295	188	161	115	116	87	59	48	56	69	63	68	66	74	67	2532
Patents By Year of Application:	1684	109	98	111	115	100	59	64	47	49	30	32	23	9	2	2532
THOMSON LICENSING S.A.																
Patents By Year of Grant:	0	0	43	91	137	185	180	150	252	219	200	191	276	272	335	2531
Patents By Year of Application:	173	218	274	297	319	318	281	205	176	123	71	50	24	2	0	2531
BRISTOL-MYERS SQUIBB COMPANY																
Patents By Year of Grant:	761	135	106	100	101	131	96	113	175	164	147	145	126	101	119	2520
Patents By Year of Application:	1024	117	108	137	158	172	150	156	144	132	83	73	44	18	4	2520
NCR CORPORATION																
Patents By Year of Grant:	981	189	138	132	161	166	128	82	112	103	77	72	48	49	80	2518
Patents By Year of Application:	1478	183	192	178	128	52	63	71	54	38	42	22	15	2	0	2518
PIONEER HI-BRED INTERNATIONAL, INC.																
Patents By Year of Grant:	263	98	112	115	62	71	130	116	134	204	142	206	181	296	382	2512
Patents By Year of Application:	464	158	141	77	99	107	153	150	139	219	229	276	268	31	1	2512
SAP AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	2	7	7	2	9	20	55	150	246	381	647	477	506	2509
Patents By Year of Application:	12	4	3	19	177	327	552	454	369	260	161	90	61	17	3	2509
ALCATEL																
Patents By Year of Grant:	0	61	248	315	277	269	288	212	251	154	155	131	94	26	1	2482
Patents By Year of Application:	515	434	357	316	276	209	195	114	60	3	1	1	1	0	0	2482
HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.																
Patents By Year of Grant:	694	242	294	533	391	179	106	25	15	2	1	0	0	0	0	2482
Patents By Year of Application:	1352	459	427	165	48	21	5	3	2	0	0	0	0	0	0	2482
ALTERA CORPORATION																
Patents By Year of Grant:	184	70	96	114	87	67	86	118	202	268	257	219	240	228	245	2481
Patents By Year of Application:	390	85	80	104	155	221	293	280	236	196	182	128	87	42	2	2481

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
UOP																
Patents By Year of Grant:	1123	107	104	84	95	67	68	46	58	51	104	96	143	158	171	2475
Patents By Year of Application:	1321	121	93	80	82	59	72	86	86	132	120	118	58	47	0	2475
OLYMPUS CORPORATION																
Patents By Year of Grant:	6	0	0	0	0	4	180	161	248	256	285	282	324	336	365	2447
Patents By Year of Application:	19	16	42	62	207	289	391	352	331	256	207	159	90	25	1	2447
DELL PRODUCTS, L.P.																
Patents By Year of Grant:	375	85	94	132	109	130	129	131	119	133	159	191	185	226	234	2432
Patents By Year of Application:	593	208	135	150	112	170	139	170	197	186	204	108	39	17	4	2432
GOODYEAR TIRE + RUBBER COMPANY																
Patents By Year of Grant:	899	73	101	138	192	170	143	114	130	77	67	75	72	72	58	2381
Patents By Year of Application:	1098	132	197	198	169	147	102	99	62	60	59	33	20	5	0	2381
COMMISSARIAT A L'ENERGIE ATOMIQUE																
Patents By Year of Grant:	750	81	62	83	87	82	88	83	92	91	98	134	207	218	223	2379
Patents By Year of Application:	915	104	100	122	152	151	133	144	146	163	145	84	18	2	0	2379
NEC ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	263	264	214	207	261	267	384	476	9	0	2345
Patents By Year of Application:	10	47	137	213	256	259	230	382	360	257	154	38	2	0	0	2345
HONG FU JIN PRECISION INDUSTRY (SHENZHEN) CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	23	105	196	286	456	495	782	2343
Patents By Year of Application:	0	0	0	0	5	5	98	149	306	324	424	602	359	68	3	2343
MARVELL INTERNATIONAL LTD.																
Patents By Year of Grant:	0	0	0	5	21	17	28	52	108	160	179	244	388	517	593	2312
Patents By Year of Application:	1	3	51	21	90	122	196	179	230	387	424	247	218	120	23	2312
SUMITOMO WIRING SYSTEMS, LTD.																
Patents By Year of Grant:	625	143	154	152	190	167	164	113	134	103	63	75	79	56	91	2309
Patents By Year of Application:	901	136	163	178	156	158	114	106	90	89	82	62	49	22	3	2309
BRIDGESTONE CORPORATION																
Patents By Year of Grant:	932	109	106	156	137	100	92	56	53	51	74	82	109	134	111	2302
Patents By Year of Application:	1234	134	138	124	98	92	81	113	115	101	49	17	6	0	0	2302
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
Patents By Year of Grant:	1786	53	56	66	45	43	40	22	22	23	17	23	38	27	37	2298
Patents By Year of Application:	1917	48	57	43	43	32	19	19	23	33	25	23	9	5	2	2298

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	4	55	144	232	266	216	162	160	161	168	143	108	148	181	148	2296
Patents By Year of Application:	233	233	269	265	194	214	172	172	152	122	135	71	49	14	1	2296
PIONEER ELECTRONIC CORPORATION																
Patents By Year of Grant:	1724	139	130	120	64	36	28	13	8	5	7	3	3	0	0	2280
Patents By Year of Application:	2068	142	18	17	16	10	7	1	1	0	0	0	0	0	0	2280
ORACLE INTERNATIONAL CORPORATION																
Patents By Year of Grant:	0	0	0	0	2	36	94	93	174	168	201	203	372	439	462	2244
Patents By Year of Application:	7	37	113	207	242	263	255	246	200	275	188	118	61	32	0	2244
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.																
Patents By Year of Grant:	755	102	105	92	73	58	50	53	66	91	101	145	175	183	189	2238
Patents By Year of Application:	995	89	69	49	71	67	79	147	157	181	163	140	29	2	0	2238
UNIVERSITY OF TEXAS																
Patents By Year of Grant:	821	91	89	89	91	94	99	89	107	90	79	98	122	125	141	2225
Patents By Year of Application:	1095	100	119	121	116	131	99	76	90	89	73	60	39	14	3	2225
KAO KABUSHIKI KAISHA (KAO CORPORATION)																
Patents By Year of Grant:	861	98	82	93	92	92	95	84	97	74	78	87	113	141	135	2222
Patents By Year of Application:	1092	72	110	157	140	134	119	106	90	84	69	26	14	7	2	2222
HARRIS CORP.																
Patents By Year of Grant:	841	120	63	88	82	71	89	122	96	90	92	104	107	119	121	2205
Patents By Year of Application:	1060	80	87	88	121	155	95	85	143	131	91	49	17	2	1	2205
UNISYS CORPORATION																
Patents By Year of Grant:	1065	91	97	107	118	99	117	83	106	86	89	52	40	23	18	2191
Patents By Year of Application:	1397	160	127	104	113	123	66	42	24	11	15	8	1	0	0	2191
AGERE SYSTEMS INC.																
Patents By Year of Grant:	0	0	0	18	52	316	274	168	240	193	181	210	235	167	136	2190
Patents By Year of Application:	57	234	255	285	185	186	216	201	215	156	117	53	18	12	0	2190
HYUNDAI MOTOR COMPANY																
Patents By Year of Grant:	253	93	60	99	145	105	110	119	133	109	104	125	190	240	282	2167
Patents By Year of Application:	404	99	144	103	164	156	114	142	140	147	253	208	81	12	0	2167
CARDIAC PACEMAKERS, INC.																
Patents By Year of Grant:	127	27	62	71	94	112	87	110	136	153	148	181	238	324	295	2165
Patents By Year of Application:	220	102	142	163	162	199	223	229	190	156	114	125	92	45	3	2165



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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
RENESAS ELECTRONICS CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	146	984	1024	2154
Patents By Year of Application:	0	0	0	0	3	3	5	31	102	216	427	582	524	231	30	2154
HOFFMANN-LA ROCHE INC.																
Patents By Year of Grant:	916	70	61	77	73	84	63	51	78	99	102	116	116	121	115	2142
Patents By Year of Application:	1039	64	83	96	81	89	108	106	118	112	94	84	52	14	2	2142
PITNEY-BOWES, INC.																
Patents By Year of Grant:	957	94	76	81	78	89	115	93	83	62	80	79	82	91	79	2139
Patents By Year of Application:	1202	129	95	112	115	102	76	80	70	60	45	39	12	2	0	2139
TRW INC.																
Patents By Year of Grant:	897	200	275	309	227	134	51	26	13	1	1	0	0	0	0	2134
Patents By Year of Application:	1434	284	224	145	46	1	0	0	0	0	0	0	0	0	0	2134
DAIMLER-CHRYSLER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	86	322	430	304	239	217	169	183	129	48	1	1	0	0	2129
Patents By Year of Application:	415	446	331	288	273	165	109	75	25	2	0	0	0	0	0	2129
LG. PHILIPS LCD CO., LTD.																
Patents By Year of Grant:	0	1	10	69	149	222	304	320	382	418	250	1	1	0	1	2128
Patents By Year of Application:	70	102	251	323	398	397	407	130	39	11	0	0	0	0	0	2128
STANFORD UNIVERSITY																
Patents By Year of Grant:	596	83	103	84	102	85	75	90	98	85	120	110	155	153	182	2121
Patents By Year of Application:	842	111	96	126	112	122	97	97	121	150	102	63	53	26	3	2121
CASIO COMPUTER CO. LTD.																
Patents By Year of Grant:	788	80	85	70	64	37	36	31	50	70	93	171	171	178	196	2120
Patents By Year of Application:	1009	57	71	37	36	75	107	125	142	156	110	119	61	14	1	2120
GOOGLE, INC.																
Patents By Year of Grant:	0	0	0	0	0	4	3	7	16	33	58	141	275	426	1151	2114
Patents By Year of Application:	1	0	16	12	14	124	177	180	200	263	243	229	186	432	37	2114
MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG																
Patents By Year of Grant:	647	56	74	78	107	130	106	88	100	104	100	106	157	131	129	2113
Patents By Year of Application:	808	87	124	177	190	150	161	124	101	81	53	26	23	7	1	2113
SEIKO INSTRUMENTS INC.																
Patents By Year of Grant:	509	70	95	148	183	179	140	61	75	79	68	104	104	130	159	2104
Patents By Year of Application:	742	155	167	169	114	86	75	95	102	111	97	93	89	9	0	2104

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
MAZDA MOTOR CORPORATION																
Patents By Year of Grant:	1427	56	63	54	44	44	47	39	42	35	47	43	56	49	52	2098
Patents By Year of Application:	1558	35	47	53	49	50	46	44	55	56	52	38	12	3	0	2098
AU OPTRONICS CORP.																
Patents By Year of Grant:	0	0	0	0	12	40	78	107	168	181	183	239	365	338	385	2096
Patents By Year of Application:	0	1	14	49	50	209	238	239	291	290	266	235	146	50	18	2096
DIGITAL EQUIPMENT CORPORATION																
Patents By Year of Grant:	1837	133	92	15	0	0	0	0	0	0	0	0	0	0	0	2077
Patents By Year of Application:	2072	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2077
INSTITUT FRANCAIS DU PETROLE																
Patents By Year of Grant:	874	112	161	154	119	113	79	57	70	90	74	71	75	23	5	2077
Patents By Year of Application:	1188	150	152	121	101	84	85	68	79	32	14	3	0	0	0	2077
AIR PRODUCTS AND CHEMICALS, INC.																
Patents By Year of Grant:	1032	86	104	84	74	97	72	57	67	65	70	58	61	57	82	2066
Patents By Year of Application:	1201	100	72	90	109	107	79	78	65	52	58	30	18	6	1	2066
CYPRESS SEMICONDUCTOR CORP.																
Patents By Year of Grant:	231	116	113	107	122	185	175	149	161	115	106	62	137	137	149	2065
Patents By Year of Application:	517	126	196	274	245	29	160	99	145	122	85	28	23	14	2	2065
PIONEER CORPORATION																
Patents By Year of Grant:	0	0	3	50	131	204	248	214	266	223	158	141	150	159	116	2063
Patents By Year of Application:	7	115	233	310	332	274	203	250	189	125	12	7	4	2	0	2063
CALIFORNIA INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	447	99	103	124	110	139	135	101	115	116	96	93	134	111	136	2059
Patents By Year of Application:	730	137	155	183	126	110	105	116	107	105	94	44	31	14	2	2059
BOSTON SCIENTIFIC SCIMED, INC.																
Patents By Year of Grant:	0	0	0	0	3	8	6	81	127	147	175	250	416	445	398	2056
Patents By Year of Application:	7	7	28	64	184	333	344	314	224	165	147	113	105	20	1	2056
SAMSUNG ELECTRO-MECHANICS CO., LTD.																
Patents By Year of Grant:	96	29	18	35	45	79	78	82	126	149	170	223	272	292	357	2051
Patents By Year of Application:	149	42	25	83	93	124	155	167	252	253	306	260	112	27	3	2051
UNITED STATES OF AMERICA, AIR FORCE																
Patents By Year of Grant:	1235	90	76	100	68	68	48	48	43	37	39	48	45	44	52	2041
Patents By Year of Application:	1425	81	72	72	61	51	49	68	38	37	33	32	17	5	0	2041

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
NIPPONDENSO CO., LTD.																
Patents By Year of Grant:	1876	99	35	19	7	1	0	0	0	0	0	0	0	0	0	2037
Patents By Year of Application:	2022	8	5	2	0	0	0	0	0	0	0	0	0	0	0	2037
HEIDELBERGER DRUCKMASCHINEN AG																
Patents By Year of Grant:	716	93	122	94	157	240	200	83	43	51	55	47	38	45	46	2030
Patents By Year of Application:	960	145	207	216	152	85	49	63	39	49	28	32	3	2	0	2030
LEXMARK INTERNATIONAL, INC.																
Patents By Year of Grant:	186	107	118	131	115	128	108	91	118	167	147	126	180	148	153	2023
Patents By Year of Application:	410	117	148	136	128	147	243	192	132	151	118	55	34	12	0	2023
HONEYWELL INC.																
Patents By Year of Grant:	1654	128	101	48	26	20	13	5	2	0	0	0	0	0	0	1997
Patents By Year of Application:	1921	58	9	4	5	0	0	0	0	0	0	0	0	0	0	1997
FORD GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	400	256	253	360	388	146	6	5	1	5	3	6	40	47	61	1977
Patents By Year of Application:	900	273	411	180	47	6	12	15	13	26	29	37	22	6	0	1977
ANALOG DEVICES, INC.																
Patents By Year of Grant:	434	65	54	64	67	116	118	129	141	142	122	84	142	128	164	1970
Patents By Year of Application:	574	69	85	118	178	128	158	132	115	106	117	124	47	18	1	1970
GENENTECH, INC.																
Patents By Year of Grant:	458	53	78	66	69	71	62	70	146	281	226	86	119	80	104	1969
Patents By Year of Application:	719	51	92	197	435	53	56	78	94	57	50	33	29	22	3	1969
NORTHROP GRUMMAN CORPORATION																
Patents By Year of Grant:	465	164	131	88	96	150	175	143	162	134	114	94	35	4	2	1957
Patents By Year of Application:	794	117	151	168	139	189	138	144	91	18	4	3	1	0	0	1957
BECTON, DICKINSON AND COMPANY																
Patents By Year of Grant:	879	131	98	79	66	88	71	60	63	45	57	52	84	77	68	1918
Patents By Year of Application:	1123	101	91	86	94	118	62	47	38	63	31	41	20	3	0	1918
COMPAQ COMPUTER CORPORATION, INC.																
Patents By Year of Grant:	811	251	315	358	159	23	0	0	0	0	0	0	0	0	0	1917
Patents By Year of Application:	1724	128	53	11	1	0	0	0	0	0	0	0	0	0	0	1917
PHILLIPS PETROLEUM COMPANY																
Patents By Year of Grant:	1439	72	113	89	80	48	15	9	11	3	2	1	0	0	0	1882
Patents By Year of Application:	1652	90	74	28	14	18	4	2	0	0	0	0	0	0	0	1882

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ERICSSON, INC.																
Patents By Year of Grant:	314	292	312	268	251	181	109	59	46	24	8	2	1	1	2	1870
Patents By Year of Application:	1235	315	163	108	33	8	5	0	1	1	1	0	0	0	0	1870
WISCONSIN ALUMNI RESEARCH FOUNDATION																
Patents By Year of Grant:	499	86	64	72	80	84	64	77	101	91	90	115	136	144	155	1858
Patents By Year of Application:	660	93	92	118	112	93	117	124	133	112	95	60	36	13	0	1858
DOW CORNING CORPORATION																
Patents By Year of Grant:	1222	105	75	58	51	46	47	15	16	10	22	29	48	48	60	1852
Patents By Year of Application:	1398	64	44	57	55	29	47	47	35	39	19	11	6	1	0	1852
MACRONIX INTERNATIONAL CO., LTD.																
Patents By Year of Grant:	53	31	32	39	123	183	162	101	109	129	136	161	191	216	185	1851
Patents By Year of Application:	110	44	37	209	218	148	136	146	216	202	131	119	95	36	4	1851
VICTOR COMPANY OF JAPAN, LIMITED																
Patents By Year of Grant:	774	79	79	63	60	64	86	74	90	82	94	87	90	72	56	1850
Patents By Year of Application:	978	71	68	107	57	94	93	74	76	88	69	57	15	3	0	1850
SCI-MED LIFE SYSTEMS, INC.																
Patents By Year of Grant:	243	83	147	180	222	311	250	138	114	59	28	17	9	14	8	1823
Patents By Year of Application:	548	228	290	335	209	130	47	17	5	6	4	0	2	2	0	1823
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN (HENKEL KGAA)																
Patents By Year of Grant:	993	83	56	94	70	63	67	29	42	48	43	34	50	54	89	1815
Patents By Year of Application:	1177	93	72	74	70	39	54	38	51	40	22	28	22	28	7	1815
FANUC LTD.																
Patents By Year of Grant:	1042	49	45	53	38	27	28	49	91	91	70	47	62	68	35	1795
Patents By Year of Application:	1167	52	27	27	32	66	92	98	74	55	56	25	24	0	0	1795
STMICROELECTRONICS S.A.																
Patents By Year of Grant:	1	22	77	108	138	147	148	135	170	158	140	153	173	131	90	1791
Patents By Year of Application:	112	171	195	141	211	190	174	156	169	137	70	35	23	7	0	1791
ROHM AND HAAS COMPANY																
Patents By Year of Grant:	790	85	78	95	76	83	86	61	77	55	46	48	55	53	62	1750
Patents By Year of Application:	964	93	89	106	102	98	49	52	46	43	52	26	20	10	0	1750
BLACK & DECKER INC.																
Patents By Year of Grant:	391	60	73	77	64	83	74	75	138	128	125	105	136	115	96	1740
Patents By Year of Application:	527	89	64	87	118	126	149	147	119	117	98	54	25	19	1	1740

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
DAI NIPPON PRINTING CO. LTD																
Patents By Year of Grant:	323	86	105	87	78	91	113	86	103	90	92	115	124	124	113	1730
Patents By Year of Application:	548	103	75	130	135	151	121	137	111	97	49	35	24	10	4	1730
IMPERIAL CHEMICAL INDUSTRIES PLC																
Patents By Year of Grant:	1510	44	40	39	25	17	15	15	9	3	2	4	2	1	4	1730
Patents By Year of Application:	1610	38	21	17	25	4	6	6	2	0	0	1	0	0	0	1730
NITTO DENKO CORPORATION																
Patents By Year of Grant:	209	40	56	70	74	78	89	84	109	100	103	118	160	187	238	1715
Patents By Year of Application:	322	78	93	109	121	122	147	132	109	135	125	125	60	32	5	1715
ASML NETHERLANDS B.V.																
Patents By Year of Grant:	7	3	7	7	34	33	64	92	211	205	271	205	216	182	176	1713
Patents By Year of Application:	21	16	39	38	65	173	452	257	273	123	122	82	36	15	1	1713
MITSUBISHI HEAVY INDUSTRIES, LTD.																
Patents By Year of Grant:	16	85	149	164	139	153	118	110	68	72	75	74	109	141	224	1697
Patents By Year of Application:	261	177	124	164	202	104	91	73	111	129	136	64	42	19	0	1697
WHITAKER CORPORATION																
Patents By Year of Grant:	1080	229	257	79	38	8	3	1	2	0	0	0	0	0	0	1697
Patents By Year of Application:	1568	103	20	5	0	1	0	0	0	0	0	0	0	0	0	1697
TOYODA GOSEI KABUSHIKI KAISHA																
Patents By Year of Grant:	521	67	57	50	84	86	88	116	91	106	78	84	91	95	70	1684
Patents By Year of Application:	666	45	88	97	133	118	117	94	80	79	73	65	24	5	0	1684
FUJINON CORPORATION (FORMERLY FUJI PHOTO OPTICAL CO. LTD.)																
Patents By Year of Grant:	345	86	114	94	126	130	124	81	90	82	79	111	111	84	22	1679
Patents By Year of Application:	509	131	127	123	134	112	97	102	110	94	75	56	8	1	0	1679
MONSANTO TECHNOLOGY, LLC																
Patents By Year of Grant:	0	0	0	5	36	45	33	51	61	137	169	259	308	234	318	1656
Patents By Year of Application:	16	24	43	69	90	83	67	97	167	278	279	177	249	17	0	1656
SPRINT COMMUNICATIONS COMPANY L.P.																
Patents By Year of Grant:	25	13	22	29	42	54	86	69	110	112	122	126	202	240	399	1651
Patents By Year of Application:	114	52	89	82	135	150	152	151	161	153	169	155	59	26	3	1651
BAXTER INTERNATIONAL INC.																
Patents By Year of Grant:	776	101	77	77	54	66	46	52	63	33	27	21	53	105	94	1645
Patents By Year of Application:	1019	69	57	69	91	56	22	32	36	59	52	28	29	26	0	1645

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
NOKIA MOBILE PHONES LTD.																
Patents By Year of Grant:	336	152	169	187	207	202	165	104	94	16	5	5	3	0	0	1645
Patents By Year of Application:	893	238	289	183	20	8	9	5	0	0	0	0	0	0	0	1645
EXXONMOBIL CHEMICAL PATENTS INC.																
Patents By Year of Grant:	0	0	0	58	126	100	88	113	154	166	158	142	211	194	134	1644
Patents By Year of Application:	50	72	122	94	164	220	153	216	162	152	90	68	54	23	4	1644
SMITHKLINE BEECHAM CORPORATION																
Patents By Year of Grant:	267	184	193	248	206	130	78	53	78	66	66	59	10	1	3	1642
Patents By Year of Application:	746	220	160	160	143	86	44	29	28	15	9	2	0	0	0	1642
WARNER-LAMBERT COMPANY																
Patents By Year of Grant:	1010	80	85	81	72	69	58	64	54	32	13	2	7	2	0	1629
Patents By Year of Application:	1174	91	72	80	84	61	40	15	10	2	0	0	0	0	0	1629
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	476	67	53	81	81	105	92	59	76	49	75	69	117	97	126	1623
Patents By Year of Application:	625	79	74	100	110	68	69	85	76	96	80	69	63	27	2	1623
DAIMLER-BENZ AKTIENGESELLSCHAFT																
Patents By Year of Grant:	1393	174	36	17	2	1	0	0	0	0	0	0	0	0	0	1623
Patents By Year of Application:	1619	3	0	1	0	0	0	0	0	0	0	0	0	0	0	1623
NTT DOCOMO, INC.																
Patents By Year of Grant:	0	0	1	0	4	6	18	65	135	145	152	202	277	269	348	1622
Patents By Year of Application:	4	9	37	112	174	183	168	184	248	180	153	116	36	17	1	1622
AGFA-GEVAERT N.V.																
Patents By Year of Grant:	727	128	174	140	104	80	71	46	60	43	17	5	6	10	5	1616
Patents By Year of Application:	1045	132	106	86	78	82	38	23	10	9	1	1	2	3	0	1616
INTERNATIONAL GAME TECHNOLOGY (IGT)																
Patents By Year of Grant:	25	8	6	18	38	71	108	100	81	95	124	131	262	272	275	1614
Patents By Year of Application:	54	16	110	143	174	186	193	154	197	171	97	44	30	44	1	1614
TEKTRONIX INC.																
Patents By Year of Grant:	889	80	58	53	59	54	57	48	37	49	47	41	44	42	47	1605
Patents By Year of Application:	1081	31	67	61	61	48	49	59	56	32	36	20	3	1	0	1605
SUMITOMO RUBBER INDUSTRIES, LTD.																
Patents By Year of Grant:	542	57	71	82	83	125	125	75	71	67	60	57	64	60	62	1601
Patents By Year of Application:	713	87	98	126	124	88	66	80	86	55	27	24	22	5	0	1601

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
NVIDIA CORPORATION																
Patents By Year of Grant:	22	5	6	14	15	25	42	52	102	108	175	271	229	264	267	1597
Patents By Year of Application:	43	24	33	52	94	163	197	243	290	283	104	56	5	10	0	1597
MOLEX INCORPORATED																
Patents By Year of Grant:	655	88	107	107	70	40	92	73	86	49	53	26	46	60	36	1588
Patents By Year of Application:	853	96	83	54	66	93	89	74	54	44	38	28	10	6	0	1588
AMERICAN CYANAMID COMPANY																
Patents By Year of Grant:	1289	111	66	69	31	10	3	1	0	0	0	0	0	0	1	1581
Patents By Year of Application:	1461	72	41	6	0	0	0	0	0	0	0	0	0	1	0	1581
ADVANTEST CORP.																
Patents By Year of Grant:	221	76	70	103	123	92	73	52	86	93	110	113	137	119	111	1579
Patents By Year of Application:	412	131	99	93	63	80	100	114	122	126	107	93	31	8	0	1579
SHARP LABORATORIES OF AMERICA, INC.																
Patents By Year of Grant:	2	23	37	61	77	115	103	105	164	168	144	94	136	179	170	1578
Patents By Year of Application:	101	117	99	157	136	180	200	180	122	146	82	34	16	8	0	1578
COLGATE-PALMOLIVE COMPANY																
Patents By Year of Grant:	742	138	91	95	121	87	32	25	30	26	33	22	34	43	46	1565
Patents By Year of Application:	920	87	98	88	107	62	37	39	29	34	30	17	11	4	2	1565
CHRYSLER MOTORS CORPORATION																
Patents By Year of Grant:	1145	215	149	35	6	0	0	0	0	0	0	0	0	0	0	1550
Patents By Year of Application:	1534	11	5	0	0	0	0	0	0	0	0	0	0	0	0	1550
FUNAI ELECTRIC CO., LTD.																
Patents By Year of Grant:	60	16	28	39	40	39	56	62	114	123	146	228	237	202	160	1550
Patents By Year of Application:	129	42	43	65	78	91	159	235	234	218	163	53	39	1	0	1550
ALCATEL LUCENT																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	41	98	149	227	402	630	1547
Patents By Year of Application:	0	3	9	13	68	126	158	184	279	274	194	181	43	14	1	1547
DAIKIN INDUSTRIES LIMITED																
Patents By Year of Grant:	468	43	60	80	68	65	76	58	58	56	55	76	121	128	135	1547
Patents By Year of Application:	603	77	65	94	110	101	99	108	85	107	68	16	9	4	1	1547
NOVARTIS AG (FORMERLY SANDOZ LTD.)																
Patents By Year of Grant:	25	72	95	113	95	84	78	76	81	51	61	69	183	192	270	1545
Patents By Year of Application:	219	116	108	113	120	132	101	103	134	132	88	81	55	38	5	1545

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
LAM RESEARCH CORPORATION																
Patents By Year of Grant:	89	45	78	103	107	132	103	125	110	89	74	93	116	111	164	1539
Patents By Year of Application:	242	109	148	123	134	143	123	102	115	92	84	54	45	19	6	1539
VISTEON GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	1	30	202	186	243	273	193	137	80	41	49	41	32	27	1535
Patents By Year of Application:	74	176	197	270	301	209	94	78	34	46	42	12	1	1	0	1535
KYOCERA CORPORATION																
Patents By Year of Grant:	253	37	50	46	57	68	43	43	52	70	74	104	129	191	315	1532
Patents By Year of Application:	362	44	59	60	58	73	122	177	170	177	111	81	27	11	0	1532
CIBA SPECIALTY CHEMICALS CORPORATION																
Patents By Year of Grant:	187	182	158	114	142	124	98	88	114	91	69	74	82	6	2	1531
Patents By Year of Application:	543	103	138	161	183	156	97	59	45	23	13	8	2	0	0	1531
FUJI ELECTRIC CO., LTD.																
Patents By Year of Grant:	854	110	72	54	57	76	74	50	32	12	6	1	0	20	102	1520
Patents By Year of Application:	1028	51	78	86	78	55	12	10	3	9	29	41	30	10	0	1520
NIPPON STEEL CORP.																
Patents By Year of Grant:	823	67	56	51	62	59	41	45	28	26	22	25	64	73	76	1518
Patents By Year of Application:	971	58	54	65	77	61	49	32	30	52	24	24	14	7	0	1518
NXP B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	4	181	192	271	240	319	306	1513
Patents By Year of Application:	0	2	5	30	84	242	298	245	226	159	104	63	40	14	1	1513
ROLLS-ROYCE PLC																
Patents By Year of Grant:	462	36	43	42	42	56	54	50	87	76	86	74	119	121	161	1509
Patents By Year of Application:	555	43	44	53	65	81	116	126	101	117	90	82	30	6	0	1509
NIPPON TELEGRAPH & TELEPHONE CORP.																
Patents By Year of Grant:	605	58	67	78	56	64	65	52	76	64	56	63	71	65	58	1498
Patents By Year of Application:	794	81	78	63	86	79	102	74	46	43	30	12	7	3	0	1498
KONICA MINOLTA BUSINESS TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	5	72	92	107	173	280	315	451	1495
Patents By Year of Application:	0	0	1	0	1	20	270	179	212	238	236	216	107	15	0	1495
ADOBE SYSTEMS, INC.																
Patents By Year of Grant:	55	29	31	41	27	28	42	40	56	56	86	146	227	292	332	1488
Patents By Year of Application:	185	53	58	55	59	78	84	164	203	212	172	96	34	34	1	1488



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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
CARRIER CORPORATION																
Patents By Year of Grant:	590	61	99	94	79	90	77	72	67	61	30	20	41	41	66	1488
Patents By Year of Application:	751	66	93	95	96	98	119	76	61	20	4	5	4	0	0	1488
INTERDIGITAL TECHNOLOGY CORPORATION																
Patents By Year of Grant:	70	23	17	27	40	54	103	106	181	137	135	158	140	146	149	1486
Patents By Year of Application:	120	31	39	92	244	166	187	187	125	108	96	59	17	13	2	1486
EXXON RESEARCH + ENGINEERING CO.																
Patents By Year of Grant:	1179	122	101	70	8	1	1	0	0	0	0	0	0	0	0	1482
Patents By Year of Application:	1408	65	8	1	0	0	0	0	0	0	0	0	0	0	0	1482
AVAYA TECHNOLOGY CORP.																
Patents By Year of Grant:	0	0	3	170	128	92	81	46	71	68	74	79	200	233	230	1475
Patents By Year of Application:	132	207	150	54	109	108	130	155	145	110	92	54	23	6	0	1475
SCHERING CORP.																
Patents By Year of Grant:	498	81	52	72	62	61	44	58	71	68	73	98	110	69	56	1473
Patents By Year of Application:	668	67	59	78	81	79	72	79	104	76	40	36	24	9	1	1473
SYMBOL TECHNOLOGIES, INC.																
Patents By Year of Grant:	304	62	47	38	38	59	81	59	121	125	117	103	105	103	101	1463
Patents By Year of Application:	446	37	87	91	91	102	126	125	107	104	98	36	12	1	0	1463
FURUKAWA ELECTRIC CO., LTD.																
Patents By Year of Grant:	399	53	40	52	85	134	160	100	63	45	39	51	74	78	79	1452
Patents By Year of Application:	506	51	98	184	153	87	38	49	49	52	93	53	28	10	1	1452
HOYA CORPORATION																
Patents By Year of Grant:	204	36	34	37	38	48	63	48	45	53	114	193	212	180	127	1432
Patents By Year of Application:	282	43	50	57	69	96	90	171	167	160	98	85	49	13	2	1432
3COM CORPORATION																
Patents By Year of Grant:	104	90	155	220	188	200	182	89	83	33	34	31	22	0	0	1431
Patents By Year of Application:	547	338	258	143	65	41	21	10	6	1	1	0	0	0	0	1431
VIA TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	2	16	20	42	52	116	128	188	183	163	179	144	116	81	1430
Patents By Year of Application:	20	47	43	73	189	184	211	165	229	134	57	49	22	6	1	1430
PACESETTER, INC.																
Patents By Year of Grant:	210	45	31	53	77	76	81	76	98	116	85	81	137	115	143	1424
Patents By Year of Application:	294	68	68	144	127	87	121	117	129	119	60	50	26	14	0	1424

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
BASF CORPORATION																
Patents By Year of Grant:	736	88	82	58	83	55	45	39	31	28	21	23	38	39	55	1421
Patents By Year of Application:	935	60	72	68	52	35	35	44	33	24	26	20	11	6	0	1421
ZF FRIEDRICHSHAFEN, AG																
Patents By Year of Grant:	234	31	36	52	45	54	60	55	82	93	99	98	145	140	197	1421
Patents By Year of Application:	295	51	39	71	96	105	128	124	137	180	114	51	23	7	0	1421
FUJI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	687	32	43	54	50	83	81	45	62	47	35	38	48	40	66	1411
Patents By Year of Application:	766	51	58	93	75	69	76	51	42	43	43	30	11	3	0	1411
ROCKWELL INTERNATIONAL CORPORATION																
Patents By Year of Grant:	1322	67	11	6	1	1	0	0	0	0	0	0	0	0	0	1408
Patents By Year of Application:	1404	3	0	1	0	0	0	0	0	0	0	0	0	0	0	1408
NSK LIMITED																
Patents By Year of Grant:	335	58	70	117	117	104	111	88	90	91	91	43	31	30	31	1407
Patents By Year of Application:	493	105	107	145	137	138	104	73	48	45	8	0	3	1	0	1407
JOHNS HOPKINS UNIVERSITY																
Patents By Year of Grant:	345	97	72	80	81	70	94	71	91	62	66	56	71	70	79	1405
Patents By Year of Application:	588	90	86	99	110	120	86	41	51	51	34	23	20	6	0	1405
SHOWA DENKO KABUSHIKI KAISHA																
Patents By Year of Grant:	288	37	51	70	85	70	86	63	88	48	55	90	123	126	117	1397
Patents By Year of Application:	393	59	91	110	123	110	100	113	98	75	68	35	17	5	0	1397
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.																
Patents By Year of Grant:	260	59	65	60	92	79	71	53	65	49	69	64	97	132	174	1389
Patents By Year of Application:	400	93	108	118	96	76	61	99	96	100	76	33	20	6	7	1389
DEGUSSA AKTIENGESELLSCHAFT																
Patents By Year of Grant:	608	49	21	39	86	102	117	86	90	65	48	43	21	1	0	1376
Patents By Year of Application:	700	45	66	183	136	110	67	44	19	2	3	1	0	0	0	1376
AMOCO CORPORATION																
Patents By Year of Grant:	1359	16	0	0	0	0	0	0	0	0	0	0	0	0	0	1375
Patents By Year of Application:	1375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1375
NESTEC, S.A.																
Patents By Year of Grant:	566	107	72	90	64	73	56	46	35	38	20	31	60	45	72	1375
Patents By Year of Application:	767	68	104	89	73	58	54	40	35	51	9	13	14	0	0	1375

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
EASTMAN CHEMICAL COMPANY																
Patents By Year of Grant:	370	111	117	106	96	73	53	35	27	55	59	68	72	79	51	1372
Patents By Year of Application:	605	103	103	75	59	59	57	66	99	58	30	22	29	6	1	1372
EXXON CHEMICALS PATENTS INC.																
Patents By Year of Grant:	1071	112	110	66	5	5	2	0	0	1	0	0	0	0	0	1372
Patents By Year of Application:	1330	38	3	1	0	0	0	0	0	0	0	0	0	0	0	1372
ADVANCED CARDIOVASCULAR SYSTEMS, INC.																
Patents By Year of Grant:	204	37	54	76	96	184	109	78	68	68	69	62	100	85	76	1366
Patents By Year of Application:	328	140	158	166	131	115	71	59	70	29	47	18	25	9	0	1366
NORTHERN TELECOM LIMITED																
Patents By Year of Grant:	1021	240	70	19	11	2	1	0	0	0	0	0	0	0	0	1364
Patents By Year of Application:	1361	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1364
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	443	64	54	68	59	92	90	54	59	46	52	48	57	65	110	1361
Patents By Year of Application:	577	74	65	97	99	61	66	54	59	55	66	66	14	8	0	1361
MEDIATEK INC.																
Patents By Year of Grant:	0	1	3	3	1	5	24	32	106	126	166	157	229	240	264	1357
Patents By Year of Application:	6	6	3	16	66	109	142	159	197	181	227	146	68	27	4	1357
ADC TELECOMMUNICATIONS, INC.																
Patents By Year of Grant:	103	23	23	45	68	99	95	82	84	89	131	142	145	114	109	1352
Patents By Year of Application:	174	61	81	127	97	49	63	96	118	168	135	105	58	19	1	1352
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)																
Patents By Year of Grant:	533	57	52	62	57	58	53	24	49	38	48	51	64	91	112	1349
Patents By Year of Application:	650	64	57	66	64	59	61	59	60	68	65	48	14	13	1	1349
ORACLE AMERICA, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	448	475	425	1348
Patents By Year of Application:	1	3	10	13	25	43	113	171	254	236	241	188	34	15	1	1348
SHIMANO INC.																
Patents By Year of Grant:	280	78	80	82	90	84	57	81	105	73	72	67	89	61	48	1347
Patents By Year of Application:	446	74	81	91	87	107	102	106	89	61	54	35	11	3	0	1347
EBARA CORPORATION																
Patents By Year of Grant:	322	78	75	81	123	94	96	78	78	79	55	45	40	59	41	1344
Patents By Year of Application:	507	70	143	135	97	96	82	52	38	46	43	21	9	5	0	1344

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
BRITISH TELECOMMUNICATION, PLC																
Patents By Year of Grant:	556	80	70	94	56	48	32	31	40	56	45	49	53	60	62	1332
Patents By Year of Application:	882	37	76	84	58	45	35	31	36	33	10	4	1	0	0	1332
TYCO ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	2	47	67	100	103	86	109	90	96	124	168	183	156	1331
Patents By Year of Application:	12	33	80	88	128	103	85	90	88	147	165	169	124	17	2	1331
ACUSHNET COMPANY																
Patents By Year of Grant:	113	34	27	48	52	77	94	85	125	92	79	80	113	153	153	1325
Patents By Year of Application:	187	54	46	81	112	123	128	99	60	68	119	114	65	66	3	1325
HUAWEI TECHNOLOGIES CO., LTD.																
Patents By Year of Grant:	0	0	0	0	1	1	5	9	19	21	48	82	251	356	532	1325
Patents By Year of Application:	0	0	1	10	38	62	40	69	173	199	225	244	140	115	9	1325
W. R. GRACE & CO.-CONN.																
Patents By Year of Grant:	1065	28	16	30	28	23	23	24	16	10	8	7	10	18	18	1324
Patents By Year of Application:	1127	19	23	30	30	27	16	11	12	7	7	6	3	5	1	1324
LEAR CORPORATION																
Patents By Year of Grant:	82	77	58	49	60	83	117	118	198	127	65	68	68	71	72	1313
Patents By Year of Application:	213	55	79	69	139	181	199	113	60	62	69	35	29	8	2	1313
DAEWOO ELECTRONICS COMPANY, LTD.																
Patents By Year of Grant:	735	274	120	54	15	4	7	12	12	13	17	17	13	7	8	1308
Patents By Year of Application:	1172	19	7	7	10	8	26	17	18	8	10	6	0	0	0	1308
AMP INCORPORATED																
Patents By Year of Grant:	1301	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1301
Patents By Year of Application:	1301	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1301
KOITO MANUFACTURING COMPANY LIMITED																
Patents By Year of Grant:	357	49	61	67	84	97	63	52	67	87	72	56	65	53	66	1296
Patents By Year of Application:	474	56	93	77	87	78	70	97	66	63	60	58	15	2	0	1296
ALLERGAN, INC.																
Patents By Year of Grant:	497	28	24	14	24	41	46	36	50	55	71	59	105	131	111	1292
Patents By Year of Application:	558	17	36	43	56	68	74	59	84	91	88	78	20	14	6	1292
MONSANTO COMPANY, INC.																
Patents By Year of Grant:	1016	83	77	63	10	11	6	4	2	0	1	0	0	2	1	1276
Patents By Year of Application:	1186	55	17	9	5	1	0	0	0	0	0	2	1	0	0	1276

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
THOMSON-CSF																
Patents By Year of Grant:	1026	67	47	46	46	21	12	2	2	0	0	0	0	0	0	1269
Patents By Year of Application:	1164	42	42	19	0	2	0	0	0	0	0	0	0	0	0	1269
WHIRLPOOL CORPORATION																
Patents By Year of Grant:	450	38	31	16	34	43	30	33	33	56	62	73	86	142	138	1265
Patents By Year of Application:	505	29	25	53	47	66	67	93	72	95	97	69	33	12	2	1265
JUNIPER NETWORKS, INC.																
Patents By Year of Grant:	0	2	0	1	7	12	13	45	86	82	81	138	221	281	286	1255
Patents By Year of Application:	6	19	37	108	120	60	69	105	119	136	137	186	123	29	1	1255
TAKEDA CHEMICAL INDUSTRIES LTD.																
Patents By Year of Grant:	818	80	70	102	64	46	39	18	10	2	3	1	0	0	0	1253
Patents By Year of Application:	989	93	65	48	45	9	2	1	1	0	0	0	0	0	0	1253
DANA CORPORATION																
Patents By Year of Grant:	576	86	102	97	77	70	86	56	48	33	12	0	0	0	0	1243
Patents By Year of Application:	766	111	63	103	77	76	22	23	2	0	0	0	0	0	0	1243
SANDIA CORPORATION																
Patents By Year of Grant:	181	90	76	99	101	88	70	49	56	66	75	63	73	62	92	1241
Patents By Year of Application:	378	102	92	97	70	79	73	66	68	65	59	58	32	2	0	1241
AJINOMOTO COMPANY INCORPORATED																
Patents By Year of Grant:	374	51	46	60	64	48	66	47	60	79	64	60	74	73	66	1232
Patents By Year of Application:	486	60	86	82	95	45	75	70	60	50	48	35	26	13	1	1232
ETHICON, INC.																
Patents By Year of Grant:	445	60	75	73	68	90	60	39	65	53	23	43	47	42	47	1230
Patents By Year of Application:	599	84	82	107	88	76	54	50	26	23	18	14	7	1	1	1230
SANDISK CORPORATION																
Patents By Year of Grant:	35	16	19	26	23	34	38	63	83	135	211	239	181	122	5	1230
Patents By Year of Application:	83	22	27	51	66	75	98	181	278	192	91	48	16	2	0	1230
HOECHST CELANESE CORPORATION																
Patents By Year of Grant:	1191	25	10	3	0	0	0	0	0	0	0	0	0	0	0	1229
Patents By Year of Application:	1227	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1229
OMRON CORPORATION																
Patents By Year of Grant:	251	26	26	29	44	60	86	81	105	105	84	82	85	70	91	1225
Patents By Year of Application:	326	32	48	87	101	123	83	86	130	81	50	45	22	11	0	1225

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ITT MANUFACTURING ENTERPRISES, INC.																
Patents By Year of Grant:	26	105	166	112	83	72	83	86	93	83	53	70	91	64	35	1222
Patents By Year of Application:	329	95	95	102	102	95	60	108	73	81	47	25	7	3	0	1222
UNIVERSITY OF MICHIGAN																
Patents By Year of Grant:	311	51	69	51	47	63	67	71	69	47	66	54	78	79	97	1220
Patents By Year of Application:	473	55	67	75	90	89	62	58	60	54	59	39	29	10	0	1220
AT& T INTELLECTUAL PROPERTY II, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	38	160	283	429	303	1213
Patents By Year of Application:	2	1	4	18	33	41	76	266	140	182	187	181	52	30	0	1213
GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC																
Patents By Year of Grant:	0	0	0	30	173	171	188	154	140	78	88	69	61	34	27	1213
Patents By Year of Application:	10	57	171	184	270	196	99	44	53	53	50	20	6	0	0	1213
PORSCHKE AG																
Patents By Year of Grant:	440	48	37	48	55	49	60	55	48	40	49	49	59	79	97	1213
Patents By Year of Application:	531	38	51	54	73	66	48	52	37	75	67	87	25	9	0	1213
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH																
Patents By Year of Grant:	93	36	38	59	120	133	129	119	124	94	73	53	68	28	39	1206
Patents By Year of Application:	175	47	114	175	196	177	138	45	58	35	28	14	3	1	0	1206
SAMSUNG MOBILE DISPLAY CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	196	335	418	253	1202
Patents By Year of Application:	0	0	0	0	2	7	77	214	298	200	170	158	56	20	0	1202
TORAY INDUSTRIES INC.																
Patents By Year of Grant:	481	60	70	72	65	62	44	36	32	23	34	31	43	58	89	1200
Patents By Year of Application:	655	72	61	66	68	46	44	43	43	39	31	22	5	5	0	1200
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:	423	75	74	129	81	79	39	36	31	38	33	26	23	31	69	1187
Patents By Year of Application:	577	113	103	90	52	65	56	29	26	24	24	17	6	4	1	1187
LSI CORPORATION																
Patents By Year of Grant:	0	2	0	0	0	1	0	0	1	142	141	165	205	223	307	1187
Patents By Year of Application:	2	2	1	7	35	89	143	215	104	99	225	155	84	23	3	1187
TEXACO INC.																
Patents By Year of Grant:	973	35	43	25	19	16	13	4	8	10	9	7	8	6	10	1186
Patents By Year of Application:	1060	23	15	27	11	13	16	2	8	2	7	1	1	0	0	1186

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL	
NOVO NORDISK A/S																	
Patents By Year of Grant:	448	178	142	91	39	56	24	29	24	19	17	19	19	38	39	1182	
Patents By Year of Application:	793	90	47	63	36	38	9	32	33	20	6	11	3	1	0	1182	
AKZO NOBEL NV																	
Patents By Year of Grant:	329	120	98	89	94	107	72	56	47	32	19	17	33	32	33	1178	
Patents By Year of Application:	578	91	100	131	97	55	35	28	25	18	7	5	7	1	0	1178	
YAHOO, INC.																	
Patents By Year of Grant:	0	2	0	2	5	8	5	13	30	28	67	125	290	332	270	1177	
Patents By Year of Application:	7	14	19	31	21	54	86	149	218	267	170	67	51	19	4	1177	
SIEMENS MEDICAL SOLUTIONS USA, INC.																	
Patents By Year of Grant:	0	0	0	2	29	29	41	34	36	61	144	162	245	204	188	1175	
Patents By Year of Application:	4	8	28	56	67	81	114	189	203	187	126	76	29	7	0	1175	
EMERSON ELECTRIC CO.																	
Patents By Year of Grant:	475	67	65	69	59	50	72	39	61	37	42	44	48	24	21	1173	
Patents By Year of Application:	611	73	56	62	80	55	55	51	42	27	33	16	11	1	0	1173	
FMC CORPORATION																	
Patents By Year of Grant:	809	80	73	47	46	16	15	10	6	4	3	10	17	15	21	1172	
Patents By Year of Application:	964	46	54	19	17	8	11	14	12	8	8	3	5	2	1	1172	
HITACHI HIGH-TECHNOLOGIES CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	3	24	47	84	83	135	132	194	219	249	1170	
Patents By Year of Application:	0	0	1	4	43	82	120	121	140	181	205	143	91	35	4	1170	
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE																	
Patents By Year of Grant:	532	70	55	67	43	63	38	28	37	26	31	24	39	53	53	1159	
Patents By Year of Application:	685	51	58	64	47	42	31	34	25	35	36	31	16	3	1	1159	
CORNELL RESEARCH FOUNDATION INC.																	
Patents By Year of Grant:	429	64	49	61	35	59	40	41	61	54	50	52	74	51	33	1153	
Patents By Year of Application:	597	45	67	61	64	49	47	65	71	38	20	14	11	4	0	1153	
JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY																	
Patents By Year of Grant:	806	57	70	65	55	54	23	9	10	3	0	0	1	0	0	1153	
Patents By Year of Application:	934	63	117	8	16	8	6	1	0	0	0	0	0	0	0	1153	
CIRRUS LOGIC, INC.																	
Patents By Year of Grant:	332	110	100	82	84	83	44	45	40	62	42	33	44	24	26	1151	
Patents By Year of Application:	634	75	68	53	42	40	43	52	53	40	29	18	3	1	0	1151	

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "S.N.E.C.M.A."																
Patents By Year of Grant:	437	44	45	49	16	4	0	1	1	23	63	95	119	109	142	1148
Patents By Year of Application:	525	47	20	3	1	4	19	101	109	121	148	43	7	0	0	1148
HAMAMATSU PHOTONICS KABUSHIKI KAISHA																
Patents By Year of Grant:	378	49	16	16	25	51	42	53	75	50	54	77	93	82	86	1147
Patents By Year of Application:	449	11	52	59	90	81	104	78	63	54	49	30	20	7	0	1147
ALCATEL-LUCENT USA INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	29	413	459	227	4	1132
Patents By Year of Application:	1	3	15	20	43	139	207	253	230	125	54	30	12	0	0	1132
STMICROELECTRONICS, INC.																
Patents By Year of Grant:	38	118	111	96	89	99	102	58	77	63	64	34	54	52	66	1121
Patents By Year of Application:	348	103	115	105	86	80	89	37	39	27	34	31	19	7	1	1121
ETHICON ENDO-SURGERY, INC.																
Patents By Year of Grant:	138	69	32	32	32	36	14	18	46	39	65	89	191	147	169	1117
Patents By Year of Application:	229	46	33	59	24	70	74	152	146	144	81	29	17	13	0	1117
DELTA ELECTRONICS INC.																
Patents By Year of Grant:	17	12	18	29	49	77	87	77	100	92	90	102	100	141	115	1106
Patents By Year of Application:	42	30	36	87	78	130	116	98	130	113	124	76	36	10	0	1106
VLSI TECHNOLOGY, INC.																
Patents By Year of Grant:	698	158	134	88	27	0	0	0	0	0	0	0	0	0	0	1105
Patents By Year of Application:	1024	69	11	1	0	0	0	0	0	0	0	0	0	0	0	1105
KOMATSU LTD.																
Patents By Year of Grant:	125	79	69	100	84	93	68	68	68	57	38	42	71	74	68	1104
Patents By Year of Application:	296	96	111	87	78	77	89	77	73	51	40	18	4	6	1	1104
DAINIPPON SCREEN MFG. CO., LTD.																
Patents By Year of Grant:	503	55	37	20	17	18	51	50	64	44	67	48	44	52	33	1103
Patents By Year of Application:	618	8	9	22	71	92	70	57	53	47	34	19	3	0	0	1103
MITSUBISHI CHEMICAL CORPORATION																
Patents By Year of Grant:	337	110	86	76	54	55	48	32	57	47	40	33	34	45	45	1099
Patents By Year of Application:	558	73	49	61	47	41	71	81	54	28	17	4	10	5	0	1099
NTN CORPORATION																
Patents By Year of Grant:	168	38	46	45	52	58	58	49	69	43	41	71	94	115	150	1097
Patents By Year of Application:	256	41	59	76	73	67	105	96	114	71	70	38	20	10	1	1097



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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ELPIDA MEMORY, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	22	50	49	84	97	139	250	209	195	1096
Patents By Year of Application:	1	0	2	4	31	58	66	74	166	191	209	162	109	21	2	1096
TYCO HEALTHCARE GROUP LP																
Patents By Year of Grant:	0	0	2	1	7	7	10	13	19	40	45	69	148	285	447	1093
Patents By Year of Application:	4	3	14	18	28	62	38	77	106	142	156	214	143	82	6	1093
ASTRAZENECA AB																
Patents By Year of Grant:	0	0	8	40	77	82	84	90	105	100	100	87	117	109	92	1091
Patents By Year of Application:	45	56	86	129	178	155	93	69	78	75	49	38	33	6	1	1091
COLUMBIA UNIVERSITY																
Patents By Year of Grant:	251	55	51	58	46	61	52	57	54	55	54	46	82	76	78	1076
Patents By Year of Application:	439	77	72	63	58	54	67	52	45	63	29	25	24	8	0	1076
BRUNSWICK CORPORATION																
Patents By Year of Grant:	466	48	56	51	51	42	41	46	54	48	38	38	34	42	20	1075
Patents By Year of Application:	549	54	48	54	51	49	59	48	41	54	32	22	11	3	0	1075
GENERAL HOSPITAL CORPORATION																
Patents By Year of Grant:	264	82	57	65	49	67	40	41	49	41	50	43	62	79	82	1071
Patents By Year of Application:	487	71	71	58	40	51	56	42	39	50	46	30	21	8	1	1071
MATSUSHITA ELECTRIC WORKS, LTD.																
Patents By Year of Grant:	418	58	60	53	48	56	54	62	76	52	73	36	12	1	1	1060
Patents By Year of Application:	542	46	71	76	68	69	84	52	28	23	1	0	0	0	0	1060
OTIS ELEVATOR COMPANY																
Patents By Year of Grant:	555	73	42	37	68	32	22	13	19	16	24	35	36	34	47	1053
Patents By Year of Application:	669	48	68	42	31	57	47	42	27	14	3	1	3	0	1	1053
BATTELLE MEMORIAL INSTITUTE																
Patents By Year of Grant:	305	35	39	36	43	71	72	61	68	42	39	50	60	68	62	1051
Patents By Year of Application:	395	52	53	100	81	87	50	51	58	38	33	32	16	5	0	1051
HILTI AKTIENGESELLSCHAFT																
Patents By Year of Grant:	281	29	60	36	59	86	75	65	77	45	46	42	50	55	38	1044
Patents By Year of Application:	343	52	62	92	92	83	77	50	48	52	57	30	5	1	0	1044
CADENCE DESIGN SYSTEMS, INC.																
Patents By Year of Grant:	43	8	11	11	21	41	55	95	117	59	69	92	128	136	157	1043
Patents By Year of Application:	73	19	62	62	181	83	57	73	120	120	100	54	27	12	0	1043

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
MITSUBISHI GAS-CHEMICAL COMPANY, INC.																
Patents By Year of Grant:	454	66	43	51	48	46	38	27	45	40	30	28	25	37	43	1021
Patents By Year of Application:	559	53	48	55	57	44	57	35	32	48	13	12	4	4	0	1021
PRAXAIR TECHNOLOGY, INC.																
Patents By Year of Grant:	320	72	56	82	72	72	40	27	35	43	35	35	44	38	47	1018
Patents By Year of Application:	457	50	81	68	68	53	39	46	46	33	32	23	16	5	1	1018
UNITED STATES SURGICAL CORPORATION																
Patents By Year of Grant:	757	95	39	33	17	16	14	8	14	10	5	2	2	0	1	1013
Patents By Year of Application:	909	23	16	24	11	12	4	6	3	3	1	0	1	0	0	1013
TOYODA JIDOSHOKKI SEISAKUSHO KABUSHIKI KAISHA																
Patents By Year of Grant:	467	87	110	125	135	65	15	3	3	2	0	0	0	0	0	1012
Patents By Year of Application:	677	109	141	83	2	0	0	0	0	0	0	0	0	0	0	1012
UNIVERSITY OF PENNSYLVANIA																
Patents By Year of Grant:	338	59	31	52	45	29	32	43	47	39	45	38	77	59	78	1012
Patents By Year of Application:	466	49	56	52	60	69	50	55	49	35	29	25	10	7	0	1012
SHIMADZU CORPORATION																
Patents By Year of Grant:	294	37	39	34	47	56	34	36	64	53	44	50	56	61	105	1010
Patents By Year of Application:	374	37	49	59	40	45	70	79	92	84	54	13	9	5	0	1010
PPG INDUSTRIES OHIO INC.																
Patents By Year of Grant:	0	71	96	103	66	79	67	55	59	51	79	50	87	75	71	1009
Patents By Year of Application:	197	109	71	74	79	95	82	70	75	63	47	24	14	8	1	1009
MITSUI TOATSU CHEMICALS INC.																
Patents By Year of Grant:	1002	2	2	0	0	0	0	1	0	0	0	0	0	0	0	1007
Patents By Year of Application:	1006	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1007
ASAHI KASEI KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	463	61	69	66	77	60	56	37	34	29	5	18	9	7	13	1004
Patents By Year of Application:	610	60	82	85	89	37	5	13	8	9	3	2	0	0	1	1004
SUNDSTRAND CORPORATION																
Patents By Year of Grant:	959	35	8	2	0	0	0	0	0	0	0	0	0	0	0	1004
Patents By Year of Application:	1004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1004
LG CHEMICAL LTD.																
Patents By Year of Grant:	17	8	4	13	23	14	15	25	25	50	75	138	171	201	224	1003
Patents By Year of Application:	31	15	26	14	38	48	79	143	214	149	118	50	48	28	2	1003

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
BELLSOUTH INTELLECTUAL PROPERTY CORPORATION																
Patents By Year of Grant:	0	12	19	23	50	87	185	190	309	118	3	1	1	2	0	1000
Patents By Year of Application:	66	94	161	218	235	136	67	16	7	0	0	0	0	0	0	1000
SYMANTEC CORPORATION																
Patents By Year of Grant:	22	12	10	5	6	9	6	12	19	34	64	114	165	199	323	1000
Patents By Year of Application:	53	12	26	14	27	70	96	139	89	144	159	122	45	3	1	1000
Other Organizations (217937)																
Patents By Year of Grant:	524040	69932	71477	76309	76675	76556	73145	64080	76777	69872	69705	74270	101747	106904	124743	1656232
Patents By Year of Application:	688159	82098	89138	95107	97180	92446	87927	85484	86490	83372	70182	52645	31377	13022	1605	1656232