

PTMT SPECIAL REPORT

ALL PATENTS, ALL TYPES

JANUARY 1987 -- DECEMBER 2011



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

PTMT Special Report All Patents, All Types 1/1987 - 12/31/2011 Explanation of Data

This Patent Technology Monitoring Team (PTMT) report profiles patent activity for all U.S. patent documents (design, plant, reissue, and utility patents, defensive publications, and statutory invention registrations) granted between **January 1, 1987** and **December 31, 2011**. 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 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 in the **"Pre 1998"** column correspond to the period **January 1, 1987** through **December 31, 1997**.

Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since **1987**. 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., a patent's "pendency") is now about **34** months, the patented application data for 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 such fluctuations would for the most part be immune from changes in PTO processing such as occurred in 1986 and 2005 when the PTO issued fewer patents than would normally have been expected due to 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.

----- Parts of the Report

Parts A1 and A2 present tables which show, by number and percent, the patent activity. 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 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) which have received **1000** or more U.S. patents since **1987**. 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 the year in which the patented applications were filed. Information on patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

* For example, in a report profiling utility patents granted through December 2011, patent grant data, as distributed by year of application are approximately 90% complete for utility patent applications filed in 2003, 82% complete for applications filed in 2004, 72% complete for applications filed in 2005, 61% complete for applications filed in 2006, 49% complete for applications filed in 2007, 34% complete for applications filed in 2008, and 17% complete for applications filed in 2009; data are essentially complete for applications filed prior to 2003.

Part A1

Patent Grants as Distributed By Year of Patent Grant

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1987 - Dec 31, 2011) ----

	NUMBER OF PATENTS															
	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
Total	1173799	163204	169145	176083	184046	184424	187048	181319	157741	196437	182928	185244	191933	244358	247728	3825437
U.S. Origin	646377	90697	94090	97011	98655	97125	98590	94128	82586	102267	93690	92001	95038	121179	121261	2024695
Foreign Origin	527422	72507	75055	79072	85391	87299	88458	87191	75155	94170	89238	93243	96895	123179	126467	1800742
JAPAN	239747	32118	32514	32922	34890	36339	37248	37032	31834	39411	35941	36679	38066	46977	48256	759974
GERMANY	83170	9582	9895	10824	11894	11957	12140	11367	9575	10889	10012	10085	10352	13633	12968	238343
TAIWAN	15273	3805	4526	5809	6545	6730	6676	7207	5993	7920	7491	7779	7781	9636	9907	113078
KOREA, SOUTH	8348	3362	3679	3472	3763	4009	4132	4671	4591	6509	7264	8730	9566	12508	13239	97843
FRANCE	34073	3991	4097	4173	4456	4421	4126	3686	3106	3856	3720	3813	3805	5100	5022	91445
UNITED KINGDOM	30962	3724	3892	4085	4351	4190	4028	3895	3553	4323	4029	3834	4009	5038	4924	88837
CANADA	24660	3536	3678	3925	4063	3857	3894	3781	3177	4094	3970	4125	4393	5513	5754	82420
ITALY	15073	1821	1686	1967	1978	1962	2022	1946	1591	1899	1836	1916	1837	2254	2333	42121
SWITZERLAND	14248	1374	1390	1458	1557	1532	1433	1405	1106	1388	1280	1403	1454	1889	1865	34782
NETHERLANDS	10772	1382	1396	1410	1494	1681	1570	1537	1200	1647	1596	1725	1558	1919	2049	32936
SWEDEN	9746	1346	1542	1738	1933	1824	1629	1388	1189	1360	1278	1260	1231	1594	1864	30922
AUSTRALIA	5832	830	832	860	1032	992	1049	1093	1032	1538	1545	1613	1550	2079	2213	24090
ISRAEL	4107	820	792	836	1031	1108	1260	1092	976	1325	1219	1312	1525	1917	2108	21428
CHINA, PEOPLE'S REPUB	542	88	99	161	265	391	424	596	565	970	1235	1874	2270	3303	3786	16569
FINLAND	3782	629	695	649	769	856	944	954	751	1005	943	908	997	1232	1023	16137
BELGIUM	4382	755	718	756	796	801	727	678	577	720	624	605	707	896	958	14700
AUSTRIA	4145	408	505	537	632	559	639	575	492	626	554	575	767	905	927	12846
DENMARK	3133	500	588	509	556	559	611	530	473	546	511	566	537	766	838	11223
CHINA,HONG KONG S.A.R	2006	373	413	545	621	588	681	642	596	753	756	717	587	716	658	10652
INDIA	293	94	114	131	180	267	356	376	403	506	578	672	720	1137	1259	7086
SPAIN	1790	308	265	318	340	358	358	312	318	381	363	418	403	492	565	6989
SINGAPORE	479	136	152	242	304	421	460	485	377	469	451	450	493	633	696	6248
NORWAY	1502	232	246	266	282	261	279	255	242	272	286	297	292	448	412	5572
RUSSIAN FEDERATION	370	194	185	185	239	203	203	173	154	176	193	181	204	287	307	3254
NEW ZEALAND	752	145	134	136	160	173	165	192	143	173	165	169	198	232	255	3192
IRELAND	627	78	100	137	164	142	182	197	169	198	161	188	189	275	319	3126
SOUTH AFRICA	1264	132	127	125	137	123	131	115	108	127	116	124	139	142	144	3054
BRAZIL	591	88	98	113	125	112	180	161	98	148	118	133	148	219	254	2586
MEXICO	511	77	94	100	87	105	93	102	95	88	90	77	80	115	117	1831
HUNGARY	849	52	39	38	61	48	72	52	48	49	55	72	48	98	111	1692
MALAYSIA	132	35	34	47	56	62	63	93	98	131	173	168	181	224	181	1678
LUXEMBOURG	395	46	35	55	48	52	53	55	49	49	66	35	56	44	47	1085
ARGENTINA	284	46	46	63	58	58	70	50	29	47	53	42	50	59	51	1006
U.S.S.R.	962	6	3	1		1										973
CZECH REPUBLIC	21	17	25	51	30	31	44	32	28	37	41	56	50	81	97	641
THAILAND	71	21	29	30	47	61	47	28	25	42	25	40	39	60	73	638
Others (136)	2528	356	392	398	447	465	469	438	394	498	500	602	613	758	887	9745
Ownership:																
U.S. Corporations	490551	72358	75932	78825	82079	81110	82804	79999	70942	88180	81126	80981	84195	107344	108951	1665377
U.S. Government	12091	1040	1000	960	985	945	891	859	713	815	739	693	710	937	927	24305
U.S. Individuals	169670	20764	20541	20352	18840	17497	16901	15182	12785	15256	13774	13068	12703	16059	14873	398265
Foreign Corporations	439136	61422	64225	68057	74028	76855	78686	78571	67952	85839	81532	85164	89192	113766	117210	1581635
Foreign Government	4362	258	164	108	97	115	89	81	58	60	76	37	109	188	174	5976
Foreign Individuals	57989	7362	7283	7781	8017	7902	7677	6627	5291	6287	5681	5301	5024	6064	5593	149879

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1987 - Dec 31, 2011) ----

	PERCENT OF PATENTS															
	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	55	56	56	55	54	53	53	52	52	52	51	50	50	50	49	53
Foreign Origin	45	44	44	45	46	47	47	48	48	48	49	50	50	50	51	47
JAPAN	20	20	19	19	19	20	20	20	20	20	20	20	20	19	19	20
GERMANY	7	6	6	6	6	6	6	6	6	6	5	5	5	6	5	6
TAIWAN	1	2	3	3	4	4	4	4	4	4	4	4	4	4	4	3
KOREA, SOUTH	1	2	2	2	2	2	2	3	3	3	4	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
AUSTRALIA		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
CHINA, PEOPLE'S REPUB											1	1	1	1	2	0
FINLAND							1	1		1	1		1	1		0
BELGIUM																0
AUSTRIA																0
DENMARK																0
CHINA,HONG KONG S.A.R																0
INDIA															1	0
SPAIN																0
SINGAPORE																0
NORWAY																0
RUSSIAN FEDERATION																0
NEW ZEALAND																0
IRELAND																0
SOUTH AFRICA																0
BRAZIL																0
MEXICO																0
HUNGARY																0
MALAYSIA																0
LUXEMBOURG																0
ARGENTINA																0
U.S.S.R.																0
CZECH REPUBLIC																0
THAILAND																0
Others (136)																0
Ownership:																
U.S. Corporations	42	44	45	45	45	44	44	44	45	45	44	44	44	44	44	44
U.S. Government	1	1	1	1	1	1										1
U.S. Individuals	14	13	12	12	10	9	9	8	8	8	8	7	7	7	6	10
Foreign Corporations	37	38	38	39	40	42	42	43	43	44	45	46	46	47	47	41
Foreign Government																0
Foreign Individuals	5	5	4	4	4	4	4	4	3	3	3	3	3	2	2	4

Part A2

Patent Grants as Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1987 - Dec 31, 2011) ----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
Total	1543861	183527	195909	211553	223063	228099	220525	212655	206082	191978	168800	124333	72019	37901	5132	3825437
U.S. Origin	851639	101125	106680	113310	114639	115985	112635	106491	102045	93703	84658	61514	36645	20718	2908	2024695
Foreign Origin	692222	82402	89229	98243	108424	112114	107890	106164	104037	98275	84142	62819	35374	17183	2224	1800742
JAPAN	315076	34633	35660	40572	44984	43670	43046	42588	43520	39473	33490	24549	12603	5489	621	759974
GERMANY	104286	10921	12757	13618	14956	16016	13792	12454	11399	10040	8221	5513	2886	1284	200	238343
TAIWAN	21748	5341	6681	6251	7221	8328	8636	8815	8347	8731	8348	7345	4795	2207	284	113078
KOREA, SOUTH	15983	4091	3839	4449	5037	6254	7434	9036	9978	10839	9020	6336	3581	1710	256	97843
FRANCE	43180	4270	4778	5174	5206	5357	4859	4234	4089	3650	2972	1917	1092	616	51	91445
UNITED KINGDOM	40031	4357	4794	4995	5553	5701	5069	4294	3799	3262	2825	2195	1184	703	75	88837
CANADA	32582	4217	4307	4594	4625	4841	4629	4612	4324	4207	3748	2788	1806	1015	125	82420
ITALY	18808	1845	2021	2151	2440	2554	2502	2190	2041	1842	1497	1102	723	355	50	42121
SWITZERLAND	17224	1491	1592	1731	1885	1917	1710	1516	1423	1403	1235	877	492	249	37	34782
NETHERLANDS	14043	1427	1586	1799	2030	2124	2032	2198	1653	1492	1080	730	447	280	15	32936
SWEDEN	13228	1941	1973	2079	2072	1998	1634	1415	1279	1290	931	569	308	183	22	30922
AUSTRALIA	7785	1046	1070	1335	1356	1637	1552	1880	1545	1219	1214	1202	724	462	63	24090
ISRAEL	6036	1003	1322	1507	1674	1608	1352	1369	1476	1408	1230	792	415	222	14	21428
CHINA, PEOPLE'S REPUB	737	135	229	395	610	790	934	1410	1676	2341	2360	2308	1603	873	168	16569
FINLAND	5408	767	1041	1274	1422	1353	1125	1033	830	721	507	380	173	91	12	16137
BELGIUM	6064	793	855	864	908	946	912	727	752	682	475	325	230	141	26	14700
AUSTRIA	5117	562	619	651	735	906	754	681	606	613	561	557	267	183	34	12846
DENMARK	4289	615	631	628	816	769	700	624	545	523	385	289	271	130	8	11223
CHINA,HONG KONG S.A.R	2600	456	559	620	768	766	805	841	762	648	667	487	390	245	38	10652
INDIA	520	143	206	343	499	691	792	752	742	775	731	572	209	97	14	7086
SPAIN	2404	309	323	391	494	480	482	419	479	396	336	221	145	98	12	6989
SINGAPORE	825	246	380	479	541	603	512	584	520	526	425	327	187	91	2	6248
NORWAY	2022	245	328	344	397	451	366	334	323	291	204	133	76	52	6	5572
RUSSIAN FEDERATION	795	196	256	253	271	242	248	192	191	218	167	119	67	28	11	3254
NEW ZEALAND	1082	134	150	217	242	239	266	187	150	152	130	122	75	44	2	3192
IRELAND	851	174	147	220	230	284	211	204	240	181	155	104	87	34	4	3126
SOUTH AFRICA	1529	140	144	142	181	176	145	159	117	103	95	52	36	34	1	3054
BRAZIL	791	108	128	139	155	224	207	183	128	139	133	123	82	39	7	2586
MEXICO	689	100	101	107	129	95	128	90	98	104	57	79	25	24	5	1831
HUNGARY	949	54	58	75	74	105	71	67	85	47	50	31	16	8	2	1692
MALAYSIA	217	30	59	70	99	99	170	204	171	182	167	122	60	27	1	1678
LUXEMBOURG	479	43	48	57	66	77	62	58	51	54	29	38	15	6	2	1085
ARGENTINA	383	63	52	70	82	56	50	59	39	53	39	43	12	5		1006
U.S.S.R.	971	2														973
CZECH REPUBLIC	75	40	34	37	58	42	50	53	52	58	56	48	29	9		641
THAILAND	118	24	40	77	43	52	29	30	45	40	41	46	33	10	10	638
Others (136)	3297	440	461	535	565	663	624	672	562	572	561	378	230	139	46	9745
Ownership:																
U.S. Corporations	661459	83600	89060	95785	98634	99733	97210	92166	89273	82418	73632	53211	29995	16765	2436	1665377
U.S. Government	14622	956	869	1017	1053	1009	931	860	835	685	631	467	289	76	5	24305
U.S. Individuals	208833	19438	19532	19351	17894	18292	17260	15674	14477	12996	12372	10076	7167	4301	602	398265
Foreign Corporations	582280	72183	78181	86721	96720	100140	97438	97429	95656	90687	77648	57137	32095	15429	1891	1581635
Foreign Government	4810	115	113	136	103	113	104	115	95	93	72	61	35	10	1	5976
Foreign Individuals	71857	7235	8154	8543	8659	8812	7582	6411	5746	5099	4445	3381	2438	1320	197	149879

Ownership:

Part B

Ranked Listing of Organizations with Patent Grants
As Distributed By Year of Patent Grant
and As Distributed By Year of Patent Application

ALL PATENTS, ALL TYPES REPORT

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---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	11768	2685	2778	2905	3429	3297	3438	3253	2950	3635	3134	4182	4888	5867	6151	64360
Patents By Year of Application:	19240	3793	4403	4378	4045	3546	3926	3640	3565	3417	4373	4841	963	212	18	64360
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	12210	2007	1864	1971	1976	1951	2051	1843	1840	2387	2000	2126	2212	2566	2839	41843
Patents By Year of Application:	18518	1840	2020	1922	2156	1914	2224	2186	2623	2054	1960	1405	747	250	24	41843
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	2814	1309	1557	1449	1449	1340	1316	1617	1724	2719	3352	4276	4071	4920	5208	39121
Patents By Year of Application:	6084	1862	1489	1371	1625	2041	3019	3739	4185	4910	4127	2587	1350	674	58	39121
TOSHIBA CORPORATION																
Patents By Year of Grant:	10679	1237	1232	1271	1189	1181	1254	1364	1277	1727	1587	1631	1719	2279	2509	32136
Patents By Year of Application:	13589	1329	1181	1232	1467	1578	1586	1826	1727	1843	1751	1439	1048	507	33	32136
SONY CORPORATION																
Patents By Year of Grant:	6186	1445	1641	1666	1546	1605	1470	1470	1299	1944	1681	1701	1844	2233	2359	30090
Patents By Year of Application:	10290	1815	1844	1823	2077	1687	1733	1779	2250	1691	1432	947	471	238	13	30090
HITACHI, LTD																
Patents By Year of Grant:	10485	1110	1024	1059	1297	1622	1907	1521	1275	1755	1407	1323	1061	1455	1466	29767
Patents By Year of Application:	13149	995	1348	1648	2238	1903	1561	1738	1327	1278	1086	943	335	204	14	29767
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	6661	1090	1107	1216	1500	1593	1903	2060	1802	2417	2068	1684	48	13	9	25171
Patents By Year of Application:	9344	1418	1662	2049	2402	2231	2277	1839	1091	612	231	12	1	2	0	25171
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	9107	738	702	790	1122	1423	1142	982	905	1055	918	922	980	1235	1470	23491
Patents By Year of Application:	10672	921	1237	1409	1278	1166	1226	1135	1247	1152	925	667	318	131	7	23491
FUJITSU LIMITED																
Patents By Year of Grant:	5388	1232	1200	1155	1176	1216	1306	1302	1159	1494	1300	1483	1197	1289	1390	23287
Patents By Year of Application:	8659	1461	1286	1446	1611	1397	1218	1423	1615	1178	879	625	369	114	6	23287
NEC CORPORATION																
Patents By Year of Grant:	7286	1639	1850	2041	1970	1847	1200	829	675	738	605	532	522	658	595	22987
Patents By Year of Application:	11496	2348	2143	1807	1392	873	647	597	610	457	304	199	88	25	1	22987
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	9451	1092	1073	1047	1208	1399	1264	790	624	615	483	504	551	720	615	21436
Patents By Year of Application:	11888	1065	1140	1336	1485	1063	633	691	552	569	515	291	158	44	6	21436

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
INTEL CORPORATION																
Patents By Year of Grant:	1712	708	744	806	818	1095	1600	1605	1552	1967	1869	1774	1537	1657	1244	20688
Patents By Year of Application:	3848	1100	1394	1748	1826	2036	2257	1921	1594	1317	911	440	202	89	5	20688
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	1022	592	942	1312	1646	1837	1710	1760	1564	1616	1479	1259	971	919	947	19576
Patents By Year of Application:	2971	1516	1560	1845	1955	2028	1583	1630	1344	1387	718	508	304	216	11	19576
MICROSOFT CORPORATION																
Patents By Year of Grant:	424	343	356	359	455	511	519	661	787	1618	1966	2312	3159	3300	2491	19261
Patents By Year of Application:	1514	648	787	1089	955	1146	1760	2967	3485	2090	1359	835	337	257	32	19261
MOTOROLA, INC.																
Patents By Year of Grant:	8165	1542	1273	1267	811	729	668	630	494	641	443	405	408	441	28	17945
Patents By Year of Application:	11435	1093	739	1031	664	759	656	477	414	361	186	102	26	2	0	17945
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	8039	1145	1012	894	733	703	757	717	582	689	494	321	296	355	299	17036
Patents By Year of Application:	10179	1135	674	905	833	833	698	628	398	290	226	137	71	25	4	17036
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	5222	627	744	915	801	698	683	766	703	868	708	746	732	870	861	15944
Patents By Year of Application:	6709	965	1002	885	1004	1002	907	978	798	651	485	348	172	35	3	15944
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	4526	611	599	689	798	717	765	898	734	880	750	755	649	828	793	14992
Patents By Year of Application:	6222	708	802	794	935	991	956	747	752	628	615	437	277	110	18	14992
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	1427	327	316	422	530	648	797	858	896	1256	1239	1274	1385	1479	1559	14413
Patents By Year of Application:	2298	502	605	752	980	1052	1278	1546	1394	1347	1147	883	458	151	20	14413
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	1346	1821	1813	2180	1545	1475	1300	1500	1342	14322
Patents By Year of Application:	37	97	328	1002	2206	2335	2722	1855	1540	841	821	310	171	50	7	14322
XEROX CORPORATION																
Patents By Year of Grant:	4929	776	671	592	726	697	646	520	464	536	558	546	630	910	944	14145
Patents By Year of Application:	6398	867	871	789	565	622	562	555	894	656	531	505	231	98	1	14145
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	3468	416	487	493	612	720	703	810	778	948	815	847	854	1068	1071	14090
Patents By Year of Application:	4366	550	463	791	852	1053	1008	1004	1057	901	847	724	295	142	37	14090

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	6963	560	550	552	605	709	845	1048	776	948	332	14	14	3	1	13920
Patents By Year of Application:	8289	566	700	944	999	955	797	438	202	27	1	2	0	0	0	13920
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	4602	584	554	625	573	579	526	556	502	687	694	610	648	796	876	13412
Patents By Year of Application:	5969	655	512	740	716	641	827	796	758	737	518	299	149	87	8	13412
RICOH COMPANY, LTD.																
Patents By Year of Grant:	3212	408	411	431	389	338	417	539	473	702	756	872	1020	1224	1258	12450
Patents By Year of Application:	4161	432	471	487	567	717	868	822	912	1086	928	687	250	59	3	12450
ROBERT BOSCH GMBH																
Patents By Year of Grant:	2996	351	423	560	709	686	756	907	772	683	617	439	535	615	643	11692
Patents By Year of Application:	3871	529	776	785	996	1286	1018	634	607	412	365	245	122	40	6	11692
LG ELECTRONICS INC.																
Patents By Year of Grant:	144	227	244	234	290	382	442	551	531	843	875	1018	1180	1680	1690	10331
Patents By Year of Application:	725	312	328	504	687	751	916	1181	1274	1237	990	576	443	331	76	10331
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	5169	399	341	341	337	316	341	332	251	363	369	327	359	492	491	10228
Patents By Year of Application:	5960	338	345	396	377	384	435	392	412	408	335	199	154	84	9	10228
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	6409	760	764	723	754	267	4	2	0	2	0	0	0	1	0	9686
Patents By Year of Application:	8221	709	497	212	47	0	0	0	0	0	0	0	0	0	0	9686
ADVANCED MICRO DEVICES, INC.																
Patents By Year of Grant:	1248	557	825	1053	1086	1154	904	802	526	439	305	194	181	164	194	9632
Patents By Year of Application:	3062	1006	979	1234	992	846	496	335	221	175	137	86	40	21	2	9632
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	1116	948	1162	1426	1116	665	621	536	406	553	432	406	4	2	0	9393
Patents By Year of Application:	3681	1718	1419	845	435	410	474	243	116	41	11	0	0	0	0	9393
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	3788	827	880	968	1025	1113	424	0	7	10	4	0	0	9	26	9081
Patents By Year of Application:	5871	972	919	696	543	46	2	3	8	6	4	5	4	1	1	9081
PROCTER + GAMBLE COMPANY																
Patents By Year of Grant:	2304	503	632	546	489	501	490	450	352	380	429	396	376	561	599	9008
Patents By Year of Application:	3575	491	519	580	580	490	404	370	407	403	343	298	299	178	71	9008

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	2276	390	405	349	332	309	310	323	325	563	439	560	535	813	978	8907
Patents By Year of Application:	3133	340	320	299	356	339	445	606	803	826	769	373	197	95	6	8907
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
Patents By Year of Grant:	0	0	0	0	12	860	1424	1250	801	955	633	525	570	765	839	8634
Patents By Year of Application:	78	172	585	1136	1771	1489	911	762	557	483	273	126	122	161	8	8634
BASF AKTIENGESELLSCHAFT																
Patents By Year of Grant:	3677	399	414	510	487	476	393	343	231	278	226	215	177	225	127	8178
Patents By Year of Application:	4545	514	504	503	512	544	400	263	163	141	60	14	10	5	0	8178
AT&T CORP.																
Patents By Year of Grant:	4959	150	279	295	291	285	209	218	202	264	273	248	141	84	5	7903
Patents By Year of Application:	5743	345	301	272	305	223	144	151	242	95	58	22	2	0	0	7903
DENSO CORPORATION																
Patents By Year of Grant:	7	124	307	371	437	482	552	646	609	732	755	657	711	804	638	7832
Patents By Year of Application:	470	388	441	442	637	676	754	770	870	831	796	546	185	25	1	7832
HON HAI PRECISION IND. CO., LTD.																
Patents By Year of Grant:	40	50	176	523	496	509	484	631	363	606	471	640	789	1033	1000	7811
Patents By Year of Application:	186	263	613	373	585	653	439	694	508	766	740	884	727	356	24	7811
SUN MICROSYSTEMS, INC.																
Patents By Year of Grant:	601	440	578	480	444	508	584	689	655	779	623	513	564	199	3	7660
Patents By Year of Application:	2093	508	586	699	892	1021	625	505	375	269	65	22	0	0	0	7660
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	3215	346	360	366	326	388	366	322	262	284	273	229	236	307	321	7601
Patents By Year of Application:	4087	363	292	343	367	351	352	325	278	234	267	180	136	23	3	7601
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	4051	306	276	254	177	190	291	377	394	500	343	195	94	7	0	7455
Patents By Year of Application:	4566	278	172	219	286	521	581	602	191	33	5	1	0	0	0	7455
INFINEON TECHNOLOGIES AG																
Patents By Year of Grant:	0	0	0	42	219	453	642	785	787	892	848	812	595	768	609	7452
Patents By Year of Application:	14	85	173	486	847	1138	998	938	975	756	566	310	121	45	0	7452
BAYER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	4552	382	342	306	364	399	348	330	176	149	39	11	5	9	3	7415
Patents By Year of Application:	5343	284	359	341	438	425	156	43	13	8	4	0	1	0	0	7415

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
Panasonic Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	293	1911	2557	2641	7402
Patents By Year of Application:	2	4	6	19	38	101	302	742	1350	1486	1342	1079	562	321	48	7402
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	1387	270	254	271	300	386	382	394	369	544	485	477	473	537	507	7036
Patents By Year of Application:	1983	344	333	491	491	514	497	510	519	451	391	297	146	58	11	7036
CISCO TECHNOLOGY, INC.																
Patents By Year of Grant:	0	19	45	109	165	224	342	434	446	657	592	718	927	1148	1005	6831
Patents By Year of Application:	171	283	533	688	632	649	693	675	904	725	448	251	122	55	2	6831
BOEING COMPANY																
Patents By Year of Grant:	1623	157	147	138	163	200	268	428	414	490	433	441	537	676	700	6815
Patents By Year of Application:	1998	141	130	188	381	534	634	580	601	594	509	326	142	52	5	6815
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	1459	390	434	434	404	436	445	424	392	418	337	242	262	356	330	6763
Patents By Year of Application:	2589	451	466	490	545	480	435	329	293	292	191	104	73	24	1	6763
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	1709	217	266	233	191	115	105	165	154	241	325	465	537	771	889	6383
Patents By Year of Application:	2259	299	155	104	112	175	322	403	533	755	598	440	178	42	8	6383
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	0	181	476	463	567	608	560	455	542	546	461	387	576	534	6356
Patents By Year of Application:	452	450	494	578	696	643	642	539	539	492	325	217	147	128	14	6356
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	2609	164	211	251	261	252	265	268	295	349	279	242	275	310	209	6240
Patents By Year of Application:	2999	252	222	253	314	358	369	417	401	227	226	123	29	49	1	6240
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	0	61	222	351	380	536	466	572	544	641	671	831	789	6064
Patents By Year of Application:	54	118	196	455	486	574	599	731	818	712	662	472	144	41	2	6064
TELEFONAKTIEBOLAGET LM ERICSSON																
Patents By Year of Grant:	656	224	386	491	522	526	473	390	331	359	253	264	251	388	530	6044
Patents By Year of Application:	1651	665	646	734	553	371	306	355	261	207	146	108	33	8	0	6044
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	259	220	290	385	530	449	431	463	442	472	468	367	311	438	443	5968
Patents By Year of Application:	739	384	586	353	452	687	540	638	439	415	349	198	99	87	2	5968

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
NOKIA CORPORATION																
Patents By Year of Grant:	1	0	0	0	7	44	332	449	379	654	749	775	936	860	661	5847
Patents By Year of Application:	7	19	214	401	739	927	788	748	567	473	376	385	108	84	11	5847
MINNESOTA MINING AND MANUFACTURING COMPANY																
Patents By Year of Grant:	4808	592	351	52	15	11	7	3	1	1	0	0	0	0	0	5841
Patents By Year of Application:	5763	60	9	5	3	0	1	0	0	0	0	0	0	0	0	5841
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																
Patents By Year of Grant:	625	127	185	159	211	246	275	336	293	406	413	468	550	735	765	5794
Patents By Year of Application:	1175	185	257	272	366	410	422	565	507	522	409	348	213	132	11	5794
BROADCOM CORPORATION																
Patents By Year of Grant:	2	2	0	6	42	75	167	299	415	660	533	643	714	958	1164	5680
Patents By Year of Application:	12	14	93	231	360	654	679	876	730	630	643	311	267	160	20	5680
NIKON CORPORATION																
Patents By Year of Grant:	1967	599	371	303	303	251	311	235	188	151	138	161	154	220	299	5651
Patents By Year of Application:	3018	289	323	363	309	204	182	138	237	211	158	136	48	31	4	5651
APPLIED MATERIALS, INC.																
Patents By Year of Grant:	458	178	266	390	442	503	537	360	352	354	285	275	300	446	367	5513
Patents By Year of Application:	1196	366	434	588	443	464	342	329	311	406	322	194	77	39	2	5513
FUJII XEROX CO., LTD.																
Patents By Year of Grant:	1213	283	259	199	170	187	175	198	201	250	317	338	428	572	596	5386
Patents By Year of Application:	1858	188	210	240	240	214	392	323	458	515	351	231	123	34	9	5386
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	2458	308	369	346	312	240	223	211	159	169	113	54	41	33	23	5059
Patents By Year of Application:	3272	411	363	353	280	185	128	21	13	10	11	8	1	3	0	5059
HYNIX SEMICONDUCTOR INC.																
Patents By Year of Grant:	0	0	0	0	4	99	245	337	358	438	406	437	585	974	937	4820
Patents By Year of Application:	4	6	14	45	267	430	431	476	481	593	789	781	370	123	10	4820
MURATA MANUFACTURING CO., LTD.																
Patents By Year of Grant:	1015	217	268	302	321	444	446	373	228	177	108	163	179	190	187	4618
Patents By Year of Application:	1554	282	361	474	432	348	277	199	94	68	166	176	125	58	4	4618
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																
Patents By Year of Grant:	821	220	210	199	221	218	207	197	162	255	229	288	396	476	466	4565
Patents By Year of Application:	1254	213	256	219	222	252	280	300	331	406	355	286	157	32	2	4565

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
Fujifilm Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	681	903	892	1041	978	4498
Patents By Year of Application:	1	2	5	39	83	148	314	537	890	985	685	522	227	57	3	4498
SILVERBROOK RESEARCH PTY. LTD																
Patents By Year of Grant:	0	0	0	10	117	121	122	172	247	515	536	608	474	752	812	4486
Patents By Year of Application:	0	158	33	236	82	255	343	743	617	350	445	668	326	209	21	4486
QUALCOMM, INC.																
Patents By Year of Grant:	158	84	120	109	175	196	180	284	201	401	284	291	358	658	925	4424
Patents By Year of Application:	460	188	290	224	415	416	363	389	441	523	330	246	99	40	0	4424
YAZAKI CORP.																
Patents By Year of Grant:	1328	291	307	305	336	315	313	203	157	154	146	164	142	154	109	4424
Patents By Year of Application:	1927	306	285	358	312	255	172	171	150	148	130	141	60	9	0	4424
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	3583	175	142	134	169	118	42	28	10	9	5	0	3	0	1	4419
Patents By Year of Application:	3953	123	135	122	58	19	2	3	1	2	1	0	0	0	0	4419
SHELL OIL COMPANY																
Patents By Year of Grant:	2483	148	136	135	129	81	100	170	122	189	139	137	142	178	127	4416
Patents By Year of Application:	2805	129	111	116	229	246	159	199	110	116	123	45	18	10	0	4416
DELPHI TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	2	94	327	644	638	549	406	390	358	313	309	233	139	4402
Patents By Year of Application:	7	44	374	632	734	619	507	377	429	281	229	131	30	8	0	4402
Apple, Inc.																
Patents By Year of Grant:	810	261	181	126	107	96	100	122	103	132	156	252	399	722	805	4372
Patents By Year of Application:	1378	122	105	102	137	170	215	245	287	385	490	280	242	186	28	4372
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	447	164	193	296	315	338	407	431	282	257	162	195	210	283	332	4312
Patents By Year of Application:	934	351	359	396	512	344	362	201	172	176	209	155	96	40	5	4312
CATERPILLAR INC.																
Patents By Year of Grant:	1159	197	267	354	268	255	221	174	157	146	191	186	182	231	292	4280
Patents By Year of Application:	1654	322	304	270	247	252	157	148	217	226	251	183	18	27	4	4280
OKI ELECTRIC INDUSTRY CO., LTD.																
Patents By Year of Grant:	1068	130	202	225	299	328	295	307	315	318	279	234	82	64	63	4209
Patents By Year of Application:	1466	304	269	338	308	392	365	274	229	140	67	36	18	3	0	4209

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
GOODYEAR TIRE + RUBBER COMPANY																
Patents By Year of Grant:	1349	206	153	181	229	282	260	226	168	221	201	193	215	152	152	4188
Patents By Year of Application:	1666	176	208	284	295	240	241	195	177	176	152	177	103	62	36	4188
NORTEL NETWORKS LIMITED																
Patents By Year of Grant:	0	0	94	396	465	420	436	499	377	323	273	275	248	182	178	4166
Patents By Year of Application:	522	667	702	715	314	340	329	240	107	106	46	38	26	14	0	4166
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	2192	282	230	291	279	276	272	121	82	62	32	16	14	10	4	4163
Patents By Year of Application:	2796	280	289	290	235	146	75	18	13	10	6	2	0	3	0	4163
SUMITOMO ELECTRIC INDUSTRIES, LTD.																
Patents By Year of Grant:	1863	159	163	136	156	171	184	177	170	160	151	147	158	177	190	4162
Patents By Year of Application:	2235	135	143	184	204	210	230	171	182	157	126	85	65	32	3	4162
TDK CORPORATION																
Patents By Year of Grant:	712	83	104	163	217	258	233	206	159	296	340	324	347	361	340	4143
Patents By Year of Application:	908	204	249	276	272	187	263	454	359	342	328	196	77	26	2	4143
NATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	1236	178	197	188	183	208	217	219	224	259	229	191	202	204	172	4107
Patents By Year of Application:	1613	229	193	220	233	265	270	307	249	159	209	103	40	17	0	4107
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	2053	167	143	147	165	150	131	135	127	181	144	130	118	158	131	4080
Patents By Year of Application:	2398	158	155	165	146	162	167	191	179	138	86	69	45	21	0	4080
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	465	101	176	193	204	238	192	229	199	218	234	287	362	453	460	4011
Patents By Year of Application:	781	208	171	300	270	291	320	290	303	377	387	200	81	31	1	4011
HOECHST AKTIENGESELLSCHAFT																
Patents By Year of Grant:	3326	328	152	82	18	18	9	1	2	0	0	0	1	0	0	3937
Patents By Year of Application:	3872	39	14	5	4	2	0	1	0	0	0	0	0	0	0	3937
RENESAS TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	20	914	607	583	513	502	369	346	8	3862
Patents By Year of Application:	5	11	28	92	286	739	746	495	464	430	362	162	40	1	1	3862
MEDTRONIC INC.																
Patents By Year of Grant:	625	243	208	233	188	173	195	179	182	234	251	152	217	376	380	3836
Patents By Year of Application:	1110	234	238	229	282	267	371	258	244	257	193	62	57	33	1	3836

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
AGILENT TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	124	338	314	388	647	559	468	286	262	178	124	116	3804
Patents By Year of Application:	48	238	360	383	515	688	568	333	294	216	90	44	22	5	0	3804
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	2094	118	109	120	101	78	59	54	82	133	123	130	138	212	249	3800
Patents By Year of Application:	2370	119	95	49	71	88	127	220	175	226	151	67	19	23	0	3800
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	3680	82	12	4	0	1	0	0	0	0	0	0	0	0	0	3779
Patents By Year of Application:	3777	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3779
FORD MOTOR COMPANY																
Patents By Year of Grant:	2650	147	151	103	27	18	46	58	48	41	31	72	133	152	54	3731
Patents By Year of Application:	2916	114	45	77	29	58	58	43	34	37	75	107	106	24	8	3731
LSI LOGIC CORPORATION																
Patents By Year of Grant:	508	229	337	325	289	308	374	378	340	384	105	107	29	7	3	3723
Patents By Year of Application:	1278	385	231	280	509	437	342	146	80	19	9	5	1	1	0	3723
YAMAHA CORPORATION																
Patents By Year of Grant:	1194	208	224	149	124	133	126	125	160	174	198	223	232	224	196	3690
Patents By Year of Application:	1650	162	138	162	189	187	243	183	214	173	171	144	55	19	0	3690
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	601	46	80	122	161	178	196	207	178	224	218	260	274	465	451	3661
Patents By Year of Application:	772	129	140	224	219	298	265	255	249	353	349	265	106	33	4	3661
EATON CORPORATION																
Patents By Year of Grant:	1544	165	222	196	149	159	139	124	126	137	134	124	157	130	125	3631
Patents By Year of Application:	1873	196	175	188	134	147	147	156	166	157	148	100	38	5	1	3631
L'OREAL S.A.																
Patents By Year of Grant:	988	191	262	251	275	287	219	136	113	155	166	145	117	165	150	3620
Patents By Year of Application:	1544	211	317	311	266	220	184	153	149	104	64	49	35	13	0	3620
KONICA CORPORATION																
Patents By Year of Grant:	1986	170	166	157	155	182	157	194	124	114	65	40	15	8	10	3543
Patents By Year of Application:	2320	189	162	176	176	227	223	16	20	15	12	5	1	1	0	3543
KIMBERLY-CLARK WORLDWIDE, INC.																
Patents By Year of Grant:	100	173	188	272	338	284	417	313	259	230	178	144	166	249	207	3518
Patents By Year of Application:	631	206	356	453	470	429	274	182	188	134	87	67	29	12	0	3518

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
CIBA-GEIGY CORPORATION																
Patents By Year of Grant:	3483	17	4	3	0	2	0	0	0	0	0	0	0	0	0	3509
Patents By Year of Application:	3508	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3509
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	2652	140	147	187	162	68	39	13	3	1	2	1	0	0	0	3415
Patents By Year of Application:	2981	173	194	35	20	9	2	1	0	0	0	0	0	0	0	3415
SUMITOMO CHEMICAL COMPANY, LIMITED																
Patents By Year of Grant:	1472	149	136	149	168	187	174	152	113	102	109	80	108	132	181	3412
Patents By Year of Application:	1823	138	173	171	212	204	154	132	117	91	82	70	36	8	1	3412
UNITED MICROELECTRONICS CORPORATION																
Patents By Year of Grant:	533	174	266	430	584	278	188	77	95	107	125	121	151	159	118	3406
Patents By Year of Application:	933	521	483	276	227	121	94	134	174	137	150	104	33	18	1	3406
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	999	100	154	194	264	211	253	239	215	187	172	146	91	59	63	3347
Patents By Year of Application:	1288	197	252	272	283	211	237	190	168	96	70	52	17	13	1	3347
MERCK + CO., INC.																
Patents By Year of Grant:	1677	179	217	188	185	175	132	58	64	81	102	99	124	26	2	3309
Patents By Year of Application:	2087	212	189	169	153	115	142	114	68	34	18	8	0	0	0	3309
MOBIL OIL CORP.																
Patents By Year of Grant:	3006	67	72	71	52	14	5	4	3	0	0	1	0	0	0	3295
Patents By Year of Application:	3166	70	51	6	0	0	1	0	1	0	0	0	0	0	0	3295
GM Global Technology Operations, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	33	196	323	560	971	1119	3202
Patents By Year of Application:	0	0	0	1	0	8	19	79	518	606	841	746	297	72	15	3202
RAYTHEON COMPANY																
Patents By Year of Grant:	638	117	219	205	182	158	184	176	145	207	126	123	167	205	321	3173
Patents By Year of Application:	1148	144	137	158	180	213	199	192	180	155	179	159	103	22	4	3173
ILLINOIS TOOL WORKS INC.																
Patents By Year of Grant:	591	125	99	143	184	154	215	227	250	193	228	205	165	192	191	3162
Patents By Year of Application:	801	138	172	208	242	292	279	237	239	190	161	121	53	17	12	3162
NIKE, INC.																
Patents By Year of Grant:	702	220	123	101	66	87	83	130	137	354	261	229	147	207	296	3143
Patents By Year of Application:	892	126	92	102	75	130	149	240	236	272	322	170	135	102	100	3143

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
HUGHES AIRCRAFT COMPANY																
Patents By Year of Grant:	3066	50	6	1	0	0	0	0	0	1	0	0	0	0	0	3124
Patents By Year of Application:	3124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3124
FORD GLOBAL TECHNOLOGIES, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	0	206	363	286	370	410	384	311	393	396	3119
Patents By Year of Application:	0	1	10	78	160	415	365	351	410	475	368	250	110	98	28	3119
CORNING INCORPORATED																
Patents By Year of Grant:	864	72	103	112	215	250	259	237	114	135	129	97	122	183	212	3104
Patents By Year of Application:	1048	126	266	259	275	235	151	125	125	125	164	112	72	21	0	3104
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	562	98	108	134	160	141	162	124	132	134	172	199	248	362	334	3070
Patents By Year of Application:	812	136	132	157	165	185	167	161	213	229	312	275	95	28	3	3070
BLACK & DECKER INC.																
Patents By Year of Grant:	662	141	118	122	158	135	151	129	131	247	237	267	210	196	156	3060
Patents By Year of Application:	908	113	143	124	170	179	197	240	229	230	230	165	74	47	11	3060
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	1103	139	145	114	128	136	127	132	136	140	141	134	135	177	161	3048
Patents By Year of Application:	1457	150	157	153	151	178	183	132	144	149	86	65	32	10	1	3048
LOCKHEED MARTIN CORPORATION																
Patents By Year of Grant:	69	109	121	178	159	193	224	203	202	229	244	209	215	300	297	2952
Patents By Year of Application:	351	164	188	215	284	291	291	241	238	247	182	176	65	19	0	2952
DEERE + COMPANY																
Patents By Year of Grant:	909	71	99	82	146	145	178	166	155	153	160	138	148	204	196	2950
Patents By Year of Application:	1041	86	134	162	198	192	192	161	212	191	148	136	67	27	3	2950
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	1522	277	307	260	252	259	18	5	1	0	0	0	0	0	0	2901
Patents By Year of Application:	2105	263	258	182	85	8	0	0	0	0	0	0	0	0	0	2901
SHIN ETSU CHEMICAL CO., LTD.																
Patents By Year of Grant:	1179	96	97	111	128	134	136	166	119	107	97	93	134	158	143	2898
Patents By Year of Application:	1370	116	108	167	180	166	152	133	126	129	116	73	51	9	2	2898
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE																
Patents By Year of Grant:	147	120	130	124	72	89	103	86	112	172	206	257	305	461	510	2894
Patents By Year of Application:	428	162	78	79	114	204	265	305	338	357	273	178	92	20	1	2894

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
AISIN SEIKI KABUSHIKI KAISHA																
Patents By Year of Grant:	1251	116	137	110	110	131	109	115	90	103	97	96	109	110	99	2783
Patents By Year of Application:	1497	124	120	93	153	123	109	118	129	129	88	55	40	5	0	2783
HALLIBURTON ENERGY SERVICES, INC.																
Patents By Year of Grant:	28	75	115	140	170	167	186	212	193	282	284	224	205	268	227	2776
Patents By Year of Application:	223	153	159	166	202	298	282	364	287	209	181	122	94	31	5	2776
CASIO COMPUTER CO. LTD.																
Patents By Year of Grant:	1116	129	140	127	102	82	46	58	67	87	125	112	180	176	185	2732
Patents By Year of Application:	1377	145	99	101	61	44	103	151	181	158	159	80	53	20	0	2732
ABBOTT LABORATORIES																
Patents By Year of Grant:	1229	175	159	135	129	115	115	67	48	75	58	78	76	108	133	2700
Patents By Year of Application:	1643	136	134	111	102	83	86	81	61	92	85	51	23	10	2	2700
PFIZER INC.																
Patents By Year of Grant:	870	120	119	165	176	187	196	166	163	140	109	77	77	74	43	2682
Patents By Year of Application:	1135	110	232	227	201	189	198	130	102	64	46	26	17	5	0	2682
NGK INSULATORS LTD.																
Patents By Year of Grant:	890	92	123	116	132	162	148	144	105	125	116	128	124	138	132	2675
Patents By Year of Application:	1145	136	140	143	157	199	149	141	121	82	115	80	59	8	0	2675
BRIDGESTONE CORPORATION																
Patents By Year of Grant:	1043	94	112	108	163	143	112	120	70	68	83	106	110	151	190	2673
Patents By Year of Application:	1291	152	135	146	129	118	115	98	131	125	81	58	63	25	6	2673
DAIMLER-CHRYSLER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	89	387	485	362	293	283	223	266	195	87	2	1	0	2673
Patents By Year of Application:	156	277	506	390	346	337	235	178	137	64	42	5	0	0	0	2673
XILINX, INC.																
Patents By Year of Grant:	187	78	93	115	126	146	137	137	177	261	233	244	262	265	210	2671
Patents By Year of Application:	376	108	115	188	153	203	273	295	292	212	176	171	87	22	0	2671
FREESCALE SEMICONDUCTOR, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	134	256	287	322	322	368	489	483	2661
Patents By Year of Application:	1	0	8	46	81	224	296	277	471	452	353	264	145	40	3	2661
SAMSUNG SDI CO., LTD.																
Patents By Year of Grant:	0	0	0	0	26	108	118	150	125	162	315	432	422	440	361	2659
Patents By Year of Application:	0	6	31	161	137	195	221	470	596	447	241	101	37	15	1	2659

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION																
Patents By Year of Grant:	1424	95	93	97	92	85	80	102	87	62	70	66	86	101	107	2647
Patents By Year of Application:	1636	102	72	104	94	115	95	85	87	91	79	53	28	6	0	2647
NCR CORPORATION																
Patents By Year of Grant:	980	176	192	143	140	164	168	129	84	113	103	79	72	52	50	2645
Patents By Year of Application:	1478	178	188	199	182	130	53	63	72	48	27	23	4	0	0	2645
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
Patents By Year of Grant:	2078	63	53	57	69	45	43	40	22	22	23	17	23	38	27	2620
Patents By Year of Application:	2220	55	48	58	43	43	32	19	19	23	27	21	8	4	0	2620
ROHM COMPANY LIMITED																
Patents By Year of Grant:	608	112	95	116	132	150	128	135	113	178	153	168	124	163	208	2583
Patents By Year of Application:	855	117	138	163	141	142	162	196	218	160	108	130	34	18	1	2583
ELI LILLY AND COMPANY																
Patents By Year of Grant:	1208	182	189	162	115	123	91	59	48	61	69	64	69	67	75	2582
Patents By Year of Application:	1627	159	113	100	114	116	102	58	64	42	36	21	22	7	1	2582
BRISTOL-MYERS SQUIBB COMPANY																
Patents By Year of Grant:	711	125	138	110	104	102	136	97	115	182	174	150	147	135	104	2530
Patents By Year of Application:	996	109	119	112	137	164	174	156	165	144	125	64	47	15	3	2530
HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.																
Patents By Year of Grant:	487	212	244	298	539	392	180	107	25	15	2	1	0	0	0	2502
Patents By Year of Application:	1030	332	463	433	165	48	21	5	3	2	0	0	0	0	0	2502
ALCATEL																
Patents By Year of Grant:	0	0	61	248	315	277	269	288	212	252	154	155	133	95	26	2485
Patents By Year of Application:	132	383	434	357	316	276	209	196	116	61	3	1	1	0	0	2485
UNITED STATES OF AMERICA, DEPARTMENT OF HEALTH & HUMAN SERVICES																
Patents By Year of Grant:	846	174	142	97	103	92	87	118	81	122	100	110	110	136	152	2470
Patents By Year of Application:	1322	80	110	137	166	145	123	85	93	71	61	39	26	11	1	2470
PIONEER ELECTRONIC CORPORATION																
Patents By Year of Grant:	1700	141	140	132	120	64	36	30	14	9	5	8	3	6	1	2409
Patents By Year of Application:	2027	159	144	18	18	19	11	8	2	1	0	2	0	0	0	2409
UOP																
Patents By Year of Grant:	1109	88	107	104	84	95	67	68	46	58	51	104	96	143	158	2378
Patents By Year of Application:	1284	111	121	93	80	82	58	72	84	85	129	98	57	20	4	2378

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
ALTERA CORPORATION																
Patents By Year of Grant:	136	51	70	96	115	87	67	88	122	202	268	260	222	244	229	2257
Patents By Year of Application:	306	89	85	80	105	155	222	301	274	225	179	136	66	30	4	2257
LG Display Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	274	597	738	645	2254
Patents By Year of Application:	0	2	1	10	26	41	69	283	502	636	278	188	133	80	5	2254
EMC CORPORATION																
Patents By Year of Grant:	70	60	69	79	91	101	135	131	131	161	173	193	250	309	282	2235
Patents By Year of Application:	284	101	127	177	193	167	152	236	199	314	193	50	21	20	1	2235
NIPPONDENSO CO., LTD.																
Patents By Year of Grant:	1763	309	100	35	19	7	1	1	0	0	0	0	0	0	0	2235
Patents By Year of Application:	2200	19	8	5	2	1	0	0	0	0	0	0	0	0	0	2235
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.																
Patents By Year of Grant:	707	131	103	105	94	74	62	54	62	84	106	115	168	177	187	2229
Patents By Year of Application:	985	97	89	70	49	73	80	88	162	155	170	141	65	5	0	2229
HARRIS CORP.																
Patents By Year of Grant:	821	126	123	70	94	82	71	89	122	96	91	98	107	107	119	2216
Patents By Year of Application:	1073	99	88	89	88	121	156	92	86	136	110	58	17	3	0	2216
TRW INC.																
Patents By Year of Grant:	830	144	200	275	309	227	134	51	26	14	1	1	0	0	0	2212
Patents By Year of Application:	1243	269	284	224	145	46	1	0	0	0	0	0	0	0	0	2212
BECTON, DICKINSON AND COMPANY																
Patents By Year of Grant:	829	164	137	127	128	99	121	86	63	68	49	60	67	104	101	2203
Patents By Year of Application:	1147	111	139	109	132	129	125	66	43	34	58	38	37	34	1	2203
OLYMPUS CORPORATION																
Patents By Year of Grant:	7	0	0	0	0	0	5	203	180	275	272	296	289	331	340	2198
Patents By Year of Application:	8	12	16	42	64	214	320	412	346	306	217	150	64	27	0	2198
PITNEY-BOWES, INC.																
Patents By Year of Grant:	919	124	98	83	81	83	91	117	96	87	64	83	81	82	95	2184
Patents By Year of Application:	1208	84	135	95	115	121	101	80	79	65	55	27	16	3	0	2184
KAO KABUSHIKI KAISHA (KAO CORPORATION)																
Patents By Year of Grant:	781	131	98	84	94	94	92	96	87	102	78	80	91	118	149	2175
Patents By Year of Application:	1032	113	72	110	160	140	132	116	97	72	60	40	16	14	1	2175

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	0	4	57	145	237	268	219	165	160	161	168	144	108	151	182	2169
Patents By Year of Application:	82	160	238	270	266	195	215	172	169	144	109	106	34	9	0	2169
DIGITAL EQUIPMENT CORPORATION																
Patents By Year of Grant:	1756	169	133	93	15	0	0	0	0	0	0	0	0	0	0	2166
Patents By Year of Application:	2111	50	5	0	0	0	0	0	0	0	0	0	0	0	0	2166
PIONEER HI-BRED INTERNATIONAL, INC.																
Patents By Year of Grant:	155	108	99	113	115	62	71	130	116	134	205	142	206	181	296	2133
Patents By Year of Application:	341	124	159	141	78	99	106	153	150	139	217	199	175	52	0	2133
LG. PHILIPS LCD CO., LTD.																
Patents By Year of Grant:	0	0	1	10	69	151	222	304	320	382	418	251	1	1	0	2130
Patents By Year of Application:	14	56	104	251	323	398	397	408	130	39	10	0	0	0	0	2130
INSTITUT FRANCAIS DU PETROLE																
Patents By Year of Grant:	786	143	112	161	154	119	113	79	57	70	90	74	71	75	23	2127
Patents By Year of Application:	1095	148	150	152	121	101	84	85	68	76	31	13	3	0	0	2127
HOFFMANN-LA ROCHE INC.																
Patents By Year of Grant:	939	72	70	62	77	73	84	63	51	78	100	103	116	116	121	2125
Patents By Year of Application:	1077	57	64	83	96	80	89	108	108	117	107	79	37	23	0	2125
UNIVERSITY OF TEXAS																
Patents By Year of Grant:	746	96	91	89	89	91	94	99	89	109	90	79	98	122	126	2108
Patents By Year of Application:	1031	85	100	119	122	116	130	98	73	82	72	52	17	11	0	2108
PHILLIPS PETROLEUM COMPANY																
Patents By Year of Grant:	1575	75	72	113	89	82	48	15	9	11	3	2	1	0	0	2095
Patents By Year of Application:	1745	120	90	74	28	14	18	4	2	0	0	0	0	0	0	2095
AIR PRODUCTS AND CHEMICALS, INC.																
Patents By Year of Grant:	1044	80	86	104	84	74	98	72	57	67	66	71	59	61	58	2081
Patents By Year of Application:	1196	97	100	73	90	110	107	78	75	64	45	35	9	2	0	2081
VICTOR COMPANY OF JAPAN, LIMITED																
Patents By Year of Grant:	847	77	79	82	63	62	65	89	76	96	109	128	115	100	82	2070
Patents By Year of Application:	1037	93	72	71	107	58	96	100	86	97	101	85	47	19	1	2070
SEIKO INSTRUMENTS INC.																
Patents By Year of Grant:	496	67	79	98	151	192	184	142	61	75	79	70	108	112	153	2067
Patents By Year of Application:	696	113	156	173	171	121	88	74	95	100	103	80	50	47	0	2067

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
AGERE SYSTEMS INC.																
Patents By Year of Grant:	0	0	0	0	18	52	316	274	168	240	193	182	211	235	167	2056
Patents By Year of Application:	11	46	234	254	282	185	184	214	193	198	124	85	31	14	1	2056
HEIDELBERGER DRUCKMASCHINEN AG																
Patents By Year of Grant:	617	129	96	122	94	158	248	205	89	49	52	56	49	44	47	2055
Patents By Year of Application:	854	139	145	208	224	156	91	55	65	37	38	26	15	2	0	2055
COMPAQ COMPUTER CORPORATION, INC.																
Patents By Year of Grant:	648	250	267	321	366	166	24	0	0	0	0	0	0	0	0	2042
Patents By Year of Application:	1422	408	131	68	12	1	0	0	0	0	0	0	0	0	0	2042
MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG																
Patents By Year of Grant:	588	99	56	75	79	107	130	107	88	100	105	100	107	159	131	2031
Patents By Year of Application:	786	66	87	124	178	190	150	156	114	78	57	21	17	7	0	2031
SAP AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	2	7	7	2	9	20	55	150	256	386	654	477	2025
Patents By Year of Application:	0	12	4	3	19	173	314	511	399	299	192	57	20	21	1	2025
PIONEER CORPORATION																
Patents By Year of Grant:	0	0	0	3	50	133	205	259	221	274	227	163	143	156	168	2002
Patents By Year of Application:	1	6	116	233	313	332	282	215	245	154	82	11	2	10	0	2002
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN (HENKEL KGAA)																
Patents By Year of Grant:	1035	88	86	70	104	76	69	73	40	59	80	62	39	54	61	1996
Patents By Year of Application:	1243	80	103	78	79	74	51	67	59	61	44	25	15	10	7	1996
STANFORD UNIVERSITY																
Patents By Year of Grant:	569	79	84	103	85	102	86	76	90	98	85	121	110	155	153	1996
Patents By Year of Application:	788	107	112	96	125	113	122	93	91	108	123	71	32	14	1	1996
NORTHROP GRUMMAN CORPORATION																
Patents By Year of Grant:	273	198	164	133	88	97	152	175	145	162	134	114	96	35	4	1970
Patents By Year of Application:	656	146	117	151	168	142	189	140	144	91	19	4	2	1	0	1970
CALIFORNIA INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	382	94	100	103	125	111	139	138	102	115	116	96	93	134	113	1961
Patents By Year of Application:	630	131	138	155	182	129	110	103	112	102	80	67	13	9	0	1961
HYUNDAI MOTOR COMPANY																
Patents By Year of Grant:	164	92	93	60	118	152	106	111	119	133	109	105	129	201	262	1954
Patents By Year of Application:	376	31	99	172	103	164	156	114	142	136	137	192	101	26	5	1954

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
NOKIA MOBILE PHONES LTD.																
Patents By Year of Grant:	288	138	204	219	236	265	204	166	104	96	16	5	5	3	0	1949
Patents By Year of Application:	781	264	283	356	221	21	9	9	5	0	0	0	0	0	0	1949
FORD GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	86	315	259	260	364	396	151	7	5	2	5	3	6	41	47	1947
Patents By Year of Application:	642	265	280	413	189	51	6	10	15	11	22	21	11	10	1	1947
LEXMARK INTERNATIONAL, INC.																
Patents By Year of Grant:	156	60	113	134	139	121	128	108	91	118	168	148	127	182	152	1945
Patents By Year of Application:	359	91	128	155	144	128	147	241	193	129	133	74	14	9	0	1945
CYPRESS SEMICONDUCTOR CORP.																
Patents By Year of Grant:	128	105	116	113	107	123	185	175	149	161	115	106	62	137	137	1919
Patents By Year of Application:	420	100	126	196	270	242	29	158	95	128	97	43	10	5	0	1919
ERICSSON, INC.																
Patents By Year of Grant:	107	211	297	332	272	254	181	109	59	46	24	9	2	1	1	1905
Patents By Year of Application:	863	383	335	166	111	33	8	5	0	1	0	0	0	0	0	1905
WARNER-LAMBERT COMPANY																
Patents By Year of Grant:	1114	67	85	96	85	80	74	75	78	77	42	13	3	8	2	1899
Patents By Year of Application:	1257	103	97	76	85	95	76	70	21	16	3	0	0	0	0	1899
CARDIAC PACEMAKERS, INC.																
Patents By Year of Grant:	111	20	27	63	71	94	112	89	110	136	154	148	182	238	326	1881
Patents By Year of Application:	155	70	102	142	164	162	198	214	224	162	125	65	57	36	5	1881
GENENTECH, INC.																
Patents By Year of Grant:	338	133	53	78	66	69	71	62	70	147	282	226	86	120	80	1881
Patents By Year of Application:	652	75	51	92	197	435	54	55	76	87	47	40	14	6	0	1881
FANUC LTD.																
Patents By Year of Grant:	1079	71	51	47	53	38	27	29	49	91	93	71	47	62	68	1876
Patents By Year of Application:	1217	61	54	28	27	32	66	92	100	73	53	49	11	13	0	1876
IMPERIAL CHEMICAL INDUSTRIES PLC																
Patents By Year of Grant:	1579	63	45	41	39	25	17	15	15	9	3	2	6	5	2	1866
Patents By Year of Application:	1708	35	39	21	17	25	4	6	4	1	0	6	0	0	0	1866
DOW CORNING CORPORATION																
Patents By Year of Grant:	1179	108	106	76	58	51	47	47	15	16	10	22	29	48	48	1860
Patents By Year of Application:	1377	88	64	44	58	55	29	45	43	27	16	6	6	2	0	1860

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
SUMITOMO RUBBER INDUSTRIES, LTD.																
Patents By Year of Grant:	676	83	71	84	91	88	130	129	79	73	69	61	65	79	81	1859
Patents By Year of Application:	854	95	98	109	128	128	93	69	82	83	54	21	14	23	8	1859
DAIMLER-BENZ AKTIENGESELLSCHAFT																
Patents By Year of Grant:	1298	279	218	38	18	2	1	0	0	0	0	0	0	0	0	1854
Patents By Year of Application:	1745	105	3	0	1	0	0	0	0	0	0	0	0	0	0	1854
SCI-MED LIFE SYSTEMS, INC.																
Patents By Year of Grant:	194	54	83	148	180	223	312	252	139	114	59	28	17	9	14	1826
Patents By Year of Application:	384	170	229	290	335	209	132	47	16	5	5	3	0	1	0	1826
ANALOG DEVICES, INC.																
Patents By Year of Grant:	376	70	65	55	64	68	117	118	129	141	142	123	85	142	128	1823
Patents By Year of Application:	521	66	71	85	118	178	129	158	131	110	97	90	63	6	0	1823
CHRYSLER MOTORS CORPORATION																
Patents By Year of Grant:	1172	188	240	156	35	6	0	0	0	0	0	0	0	0	0	1797
Patents By Year of Application:	1580	197	15	5	0	0	0	0	0	0	0	0	0	0	0	1797
ORACLE INTERNATIONAL CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	2	36	94	93	174	170	201	203	372	440	1785
Patents By Year of Application:	4	3	37	111	203	234	251	237	221	160	194	92	23	14	1	1785
TEKTRONIX INC.																
Patents By Year of Grant:	987	73	105	60	57	61	55	58	54	38	50	52	41	44	45	1780
Patents By Year of Application:	1165	113	32	71	64	61	48	58	59	49	32	23	2	0	3	1780
AT& T Intellectual Property I, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	139	425	482	718	1764
Patents By Year of Application:	0	0	6	13	36	71	166	167	285	287	278	252	160	39	4	1764
SAMSUNG ELECTRO-MECHANICS CO., LTD.																
Patents By Year of Grant:	49	48	29	21	37	49	83	83	85	131	158	178	231	272	295	1749
Patents By Year of Application:	136	14	45	27	89	95	128	159	175	255	251	228	114	31	2	1749
AMERICAN CYANAMID COMPANY																
Patents By Year of Grant:	1325	114	112	66	69	32	10	3	1	0	0	0	0	0	0	1732
Patents By Year of Application:	1551	61	72	42	6	0	0	0	0	0	0	0	0	0	0	1732
MARVELL INTERNATIONAL LTD.																
Patents By Year of Grant:	0	0	0	0	6	24	17	29	52	109	160	179	245	391	520	1732
Patents By Year of Application:	0	1	3	54	24	89	121	182	176	217	328	279	129	121	8	1732

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
WISCONSIN ALUMNI RESEARCH FOUNDATION																
Patents By Year of Grant:	431	83	86	64	74	80	85	64	77	101	91	90	116	139	145	1726
Patents By Year of Application:	604	71	93	94	118	112	93	113	115	117	94	72	20	10	0	1726
SMITHKLINE BEECHAM CORPORATION																
Patents By Year of Grant:	180	98	191	197	256	211	140	90	56	81	78	70	63	12	1	1724
Patents By Year of Application:	549	218	224	167	165	163	91	53	32	30	17	13	2	0	0	1724
ROHM AND HAAS COMPANY																
Patents By Year of Grant:	744	71	86	78	95	76	83	86	61	77	55	46	48	55	53	1714
Patents By Year of Application:	905	85	93	89	105	102	98	49	52	44	34	36	15	5	2	1714
WHITAKER CORPORATION																
Patents By Year of Grant:	868	223	231	258	79	39	8	3	1	3	0	0	1	0	0	1714
Patents By Year of Application:	1352	230	103	22	5	1	1	0	0	0	0	0	0	0	0	1714
AU OPTRONICS CORP.																
Patents By Year of Grant:	0	0	0	0	0	12	40	78	107	168	181	183	240	366	338	1713
Patents By Year of Application:	0	0	2	14	49	50	210	235	233	284	259	195	111	66	5	1713
STMICROELECTRONICS S.A.																
Patents By Year of Grant:	0	1	22	78	109	138	148	150	136	170	158	140	153	174	132	1709
Patents By Year of Application:	13	103	171	195	142	212	189	171	151	156	122	49	24	11	0	1709
FUJINON CORPORATION (FORMERLY FUJI PHOTO OPTICAL CO. LTD.)																
Patents By Year of Grant:	261	102	86	114	96	126	130	125	82	95	82	81	115	115	86	1696
Patents By Year of Application:	434	93	131	129	123	134	114	99	104	108	91	73	57	5	1	1696
BAXTER INTERNATIONAL INC.																
Patents By Year of Grant:	794	99	102	78	79	56	71	50	53	63	33	27	21	53	105	1684
Patents By Year of Application:	1052	88	71	57	69	96	58	21	30	30	44	29	13	16	10	1684
EXXON RESEARCH + ENGINEERING CO.																
Patents By Year of Grant:	1263	106	122	101	73	10	1	1	0	0	0	0	0	0	0	1677
Patents By Year of Application:	1485	118	65	8	1	0	0	0	0	0	0	0	0	0	0	1677
TOYODA GOSEI KABUSHIKI KAISHA																
Patents By Year of Grant:	488	75	67	58	50	84	87	88	116	91	108	80	88	92	99	1671
Patents By Year of Application:	642	67	45	89	97	134	118	117	94	82	77	61	36	11	1	1671
MACRONIX INTERNATIONAL CO., LTD.																
Patents By Year of Grant:	30	23	31	32	39	123	183	162	101	109	130	136	161	191	216	1667
Patents By Year of Application:	84	26	44	37	208	218	148	136	142	209	188	120	71	33	3	1667

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
BOSTON SCIENTIFIC SCIMED, INC.																
Patents By Year of Grant:	0	0	0	0	0	3	8	6	81	128	147	176	251	416	445	1661
Patents By Year of Application:	6	3	5	28	63	174	315	309	278	195	124	74	51	32	4	1661
AGFA-GEVAERT N.V.																
Patents By Year of Grant:	605	140	128	174	140	104	81	71	46	65	44	17	6	6	10	1637
Patents By Year of Application:	899	164	132	106	87	78	83	38	29	10	9	0	1	1	0	1637
PORSCHE AG																
Patents By Year of Grant:	516	42	70	49	67	85	75	80	78	78	74	72	136	116	99	1637
Patents By Year of Application:	634	46	46	67	97	93	80	79	86	67	159	86	82	13	2	1637
MOLEX INCORPORATED																
Patents By Year of Grant:	614	81	93	111	108	73	42	92	74	91	51	53	32	55	61	1631
Patents By Year of Application:	796	104	99	86	54	69	92	89	80	52	46	33	19	12	0	1631
DAI NIPPON PRINTING CO. LTD																
Patents By Year of Grant:	220	103	86	105	87	78	91	113	86	103	90	93	116	124	125	1620
Patents By Year of Application:	451	97	103	75	130	135	150	118	134	99	71	28	19	8	2	1620
NORTHERN TELECOM LIMITED																
Patents By Year of Grant:	1027	208	249	72	19	11	2	1	0	0	0	0	0	0	0	1589
Patents By Year of Application:	1523	63	3	0	0	0	0	0	0	0	0	0	0	0	0	1589
DAIKIN INDUSTRIES LIMITED																
Patents By Year of Grant:	453	60	43	60	83	68	66	78	59	63	75	75	102	145	152	1582
Patents By Year of Application:	575	73	77	68	94	111	103	102	105	76	83	45	41	23	6	1582
BAYERISCHE MOTOREN WERKE AG																
Patents By Year of Grant:	194	48	68	61	86	82	85	89	91	118	100	134	136	157	129	1578
Patents By Year of Application:	293	85	76	95	94	84	82	81	102	160	144	87	103	84	8	1578
ROCKWELL INTERNATIONAL CORPORATION																
Patents By Year of Grant:	1413	77	68	11	6	1	1	0	0	0	0	0	0	0	0	1577
Patents By Year of Application:	1565	8	3	0	1	0	0	0	0	0	0	0	0	0	0	1577
Hong Fu Jin Precision Industry (Shenzhen) Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	23	105	196	286	458	495	1563
Patents By Year of Application:	0	0	0	0	0	5	5	98	149	306	315	347	273	63	2	1563
CARRIER CORPORATION																
Patents By Year of Grant:	597	69	66	109	98	84	90	77	77	75	73	42	22	41	42	1562
Patents By Year of Application:	732	105	74	95	97	100	99	129	61	48	12	8	1	1	0	1562

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
ASML NETHERLANDS B.V.																
Patents By Year of Grant:	6	1	3	7	7	34	33	64	92	211	205	273	206	218	186	1546
Patents By Year of Application:	13	9	16	39	38	66	171	449	253	264	112	74	26	12	4	1546
SHIMANO INC.																
Patents By Year of Grant:	263	68	83	100	97	98	90	65	101	138	101	87	77	111	66	1545
Patents By Year of Application:	439	73	83	98	99	95	125	123	138	102	69	51	29	19	2	1545
WHIRLPOOL CORPORATION																
Patents By Year of Grant:	500	43	38	39	24	53	78	51	61	74	129	83	88	112	172	1545
Patents By Year of Application:	582	19	33	35	70	88	87	102	147	124	86	72	53	37	10	1545
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	447	64	68	54	85	82	106	93	59	76	49	75	69	120	97	1544
Patents By Year of Application:	598	66	80	77	101	110	68	68	84	75	91	68	38	19	1	1544
AMP INCORPORATED																
Patents By Year of Grant:	1535	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1535
Patents By Year of Application:	1535	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1535
CIBA SPECIALTY CHEMICALS CORPORATION																
Patents By Year of Grant:	23	164	182	158	114	142	124	99	88	114	91	69	74	82	6	1530
Patents By Year of Application:	367	176	103	138	162	183	156	97	59	45	23	13	8	0	0	1530
SYMBOL TECHNOLOGIES, INC.																
Patents By Year of Grant:	272	66	67	55	39	52	66	92	72	130	141	143	112	109	105	1521
Patents By Year of Application:	426	61	40	92	103	103	114	138	131	123	112	58	15	5	0	1521
ACUSHNET COMPANY																
Patents By Year of Grant:	108	45	40	43	60	62	99	110	98	164	136	139	122	127	165	1518
Patents By Year of Application:	191	48	63	61	93	131	141	154	134	109	105	153	77	55	3	1518
VISTEON GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	1	30	206	188	243	274	193	138	80	42	49	41	32	1517
Patents By Year of Application:	20	54	176	201	273	302	209	94	77	34	44	29	3	0	1	1517
AMOCO CORPORATION																
Patents By Year of Grant:	1431	67	16	0	0	0	0	0	0	0	0	0	0	0	0	1514
Patents By Year of Application:	1513	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1514
MITSUBISHI HEAVY INDUSTRIES, LTD.																
Patents By Year of Grant:	3	14	88	150	167	140	155	121	110	69	72	81	82	114	147	1513
Patents By Year of Application:	87	179	181	124	164	204	104	93	70	99	94	70	27	14	3	1513

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
EXXONMOBIL CHEMICAL PATENTS INC.																
Patents By Year of Grant:	0	0	0	0	58	126	100	88	113	154	166	159	142	211	194	1511
Patents By Year of Application:	33	18	72	122	94	164	220	153	208	154	139	74	28	28	4	1511
NIPPON STEEL CORP.																
Patents By Year of Grant:	780	94	67	56	51	62	59	41	45	28	26	23	26	64	78	1500
Patents By Year of Application:	974	52	58	54	65	77	60	48	31	24	30	8	9	9	1	1500
NITTO DENKO CORPORATION																
Patents By Year of Grant:	174	35	41	56	70	74	78	90	84	109	101	112	126	161	187	1498
Patents By Year of Application:	269	54	78	93	109	122	122	146	126	93	107	95	62	19	3	1498
FUJI ELECTRIC CO., LTD.																
Patents By Year of Grant:	822	92	110	72	53	57	77	74	49	35	12	6	1	0	20	1480
Patents By Year of Application:	1017	71	50	77	87	79	55	11	9	3	5	9	5	1	1	1480
NIPPON TELEGRAPH & TELEPHONE CORP.																
Patents By Year of Grant:	552	89	58	67	79	56	65	65	52	76	64	57	64	71	65	1480
Patents By Year of Application:	744	87	81	79	63	86	79	101	66	40	27	15	8	4	0	1480
ADVANTEST CORP.																
Patents By Year of Grant:	145	80	76	75	104	123	93	73	52	86	93	110	113	137	119	1479
Patents By Year of Application:	315	103	134	100	94	63	80	100	112	118	118	83	54	5	0	1479
SCHERING CORP.																
Patents By Year of Grant:	460	78	81	53	72	63	64	44	58	72	68	73	98	113	72	1469
Patents By Year of Application:	655	55	67	60	79	84	79	72	78	102	65	36	26	9	2	1469
3COM CORPORATION																
Patents By Year of Grant:	75	37	93	161	229	196	200	182	89	83	33	34	31	22	0	1465
Patents By Year of Application:	282	278	343	270	147	65	41	21	10	6	1	1	0	0	0	1465
FUJI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	734	40	32	44	56	51	85	87	45	63	48	35	40	48	43	1451
Patents By Year of Application:	809	46	51	58	95	77	76	76	52	36	34	31	7	0	3	1451
FUNAI ELECTRIC CO., LTD.																
Patents By Year of Grant:	62	10	17	29	41	40	39	60	62	121	124	150	237	247	209	1448
Patents By Year of Application:	95	48	43	44	65	78	94	166	235	225	191	118	28	15	3	1448
DEGUSSA AKTIENGESELLSCHAFT																
Patents By Year of Grant:	607	63	49	21	39	86	102	117	86	90	66	48	43	21	1	1439
Patents By Year of Application:	729	33	45	66	183	136	110	68	44	19	2	3	1	0	0	1439

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
INTERNATIONAL GAME TECHNOLOGY (IGT)																
Patents By Year of Grant:	17	14	12	7	28	43	72	125	109	103	112	126	133	262	273	1436
Patents By Year of Application:	54	16	16	124	145	177	190	201	154	175	109	52	16	5	2	1436
BASF CORP.																
Patents By Year of Grant:	692	97	89	82	58	83	55	45	39	31	28	21	24	42	39	1425
Patents By Year of Application:	921	68	60	72	67	52	35	34	41	25	17	20	12	1	0	1425
KOHLER CO.																
Patents By Year of Grant:	419	43	38	32	48	42	61	71	74	115	102	109	97	100	63	1414
Patents By Year of Application:	486	21	35	59	47	61	70	114	111	106	91	79	78	48	8	1414
EMERSON ELECTRIC CO.																
Patents By Year of Grant:	505	62	73	83	83	63	60	80	42	79	65	56	60	59	40	1410
Patents By Year of Application:	637	86	81	68	65	91	69	65	70	59	36	46	17	10	10	1410
EXXON CHEMICALS PATENTS INC.																
Patents By Year of Grant:	981	119	112	111	69	6	6	3	0	0	1	0	0	0	0	1408
Patents By Year of Application:	1281	84	38	4	1	0	0	0	0	0	0	0	0	0	0	1408
SHARP LABORATORIES OF AMERICA, INC.																
Patents By Year of Grant:	0	2	23	37	61	77	115	103	105	164	168	144	94	136	179	1408
Patents By Year of Application:	38	63	117	99	157	135	176	192	160	107	98	48	10	8	0	1408
MONSANTO COMPANY, INC.																
Patents By Year of Grant:	1063	77	83	78	63	11	11	6	4	2	0	1	0	0	2	1401
Patents By Year of Application:	1256	55	55	18	9	5	1	0	0	0	0	0	1	1	0	1401
THOMSON-CSF																
Patents By Year of Grant:	1091	66	67	47	46	46	21	12	2	2	0	0	0	0	0	1400
Patents By Year of Application:	1240	55	42	42	19	0	2	0	0	0	0	0	0	0	0	1400
ROLLS-ROYCE PLC																
Patents By Year of Grant:	483	26	36	43	42	42	56	54	50	87	76	86	74	119	121	1395
Patents By Year of Application:	565	37	43	44	53	65	81	116	126	98	93	40	27	7	0	1395
FURUKAWA ELECTRIC CO., LTD.																
Patents By Year of Grant:	368	41	53	41	52	85	134	162	100	63	45	39	54	76	78	1391
Patents By Year of Application:	477	40	51	98	184	154	88	38	46	47	44	82	29	11	2	1391
THOMSON LICENSING																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	25	238	210	193	186	264	272	1389
Patents By Year of Application:	6	11	37	89	159	208	267	251	157	98	56	23	14	11	2	1389

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
NSK LIMITED																
Patents By Year of Grant:	275	60	59	71	117	117	105	111	88	90	93	91	43	31	31	1382
Patents By Year of Application:	411	84	105	107	147	137	138	103	69	41	34	4	0	2	0	1382
LAM RESEARCH CORPORATION																
Patents By Year of Grant:	47	42	45	78	103	107	133	103	125	111	90	74	93	117	111	1379
Patents By Year of Application:	184	58	109	148	124	135	145	120	99	101	74	45	20	16	1	1379
NESTEC, S.A.																
Patents By Year of Grant:	533	67	108	76	97	67	73	59	47	35	38	20	38	62	48	1368
Patents By Year of Application:	719	85	71	111	91	71	59	56	35	25	26	9	8	2	0	1368
W. R. GRACE & CO.-CONN.																
Patents By Year of Grant:	1070	56	28	16	30	28	23	23	24	16	10	8	7	10	18	1367
Patents By Year of Application:	1167	21	19	23	30	30	27	16	11	12	4	5	1	1	0	1367
BRITISH TELECOMMUNICATION, PLC																
Patents By Year of Grant:	563	74	80	72	94	58	48	32	31	40	57	45	49	53	60	1356
Patents By Year of Application:	780	184	39	76	86	54	42	34	24	23	13	1	0	0	0	1356
JOHNS HOPKINS UNIVERSITY																
Patents By Year of Grant:	284	79	98	74	80	81	71	94	72	91	62	67	57	71	70	1351
Patents By Year of Application:	506	103	91	87	100	108	118	84	36	43	37	25	8	5	0	1351
MONSANTO TECHNOLOGY, LLC																
Patents By Year of Grant:	0	0	0	0	5	37	45	33	52	63	138	170	259	312	237	1351
Patents By Year of Application:	8	6	24	45	69	90	86	64	95	161	272	272	148	11	0	1351
VIA TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	2	16	20	42	52	116	128	188	183	163	179	144	116	1349
Patents By Year of Application:	1	19	47	43	73	189	184	209	162	220	124	48	25	5	0	1349
MATSUSHITA ELECTRIC WORKS, LTD.																
Patents By Year of Grant:	472	54	69	65	56	54	66	68	82	102	98	104	40	12	1	1343
Patents By Year of Application:	598	68	48	76	82	90	78	109	86	52	51	5	0	0	0	1343
EBARA CORPORATION																
Patents By Year of Grant:	262	75	78	75	83	123	97	97	81	80	82	57	45	42	65	1342
Patents By Year of Application:	446	79	71	145	138	99	96	83	51	37	42	33	12	10	0	1342
HOYA CORPORATION																
Patents By Year of Grant:	200	19	36	34	39	38	48	64	48	45	55	117	201	212	185	1341
Patents By Year of Application:	266	31	45	50	58	69	96	93	166	157	145	81	57	27	0	1341

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
INTERDIGITAL TECHNOLOGY CORPORATION																
Patents By Year of Grant:	57	14	23	17	27	40	54	105	106	181	137	135	158	140	146	1340
Patents By Year of Application:	110	12	31	40	92	242	163	183	171	107	89	58	34	8	0	1340
EASTMAN CHEMICAL COMPANY																
Patents By Year of Grant:	308	63	111	119	109	97	78	54	37	28	56	59	68	72	79	1338
Patents By Year of Application:	484	124	106	104	76	61	66	55	66	93	56	23	17	7	0	1338
TEXACO INC.																
Patents By Year of Grant:	1088	34	35	43	25	22	19	13	6	9	13	9	7	8	6	1337
Patents By Year of Application:	1162	48	23	17	28	16	13	14	4	6	0	6	0	0	0	1337
NVIDIA CORPORATION																
Patents By Year of Grant:	10	12	5	6	14	15	25	42	52	103	109	175	272	229	264	1333
Patents By Year of Application:	27	16	24	32	52	94	160	191	231	247	188	44	25	2	0	1333
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	457	45	64	57	68	59	92	100	54	59	46	52	48	58	65	1324
Patents By Year of Application:	578	61	74	66	97	99	70	66	52	56	47	44	13	1	0	1324
ADC TELECOMMUNICATIONS, INC.																
Patents By Year of Grant:	115	10	23	27	49	75	101	97	83	85	91	143	148	156	119	1322
Patents By Year of Application:	160	38	65	90	132	101	51	64	99	119	177	125	73	26	2	1322
DAEWOO ELECTRONICS COMPANY, LTD.																
Patents By Year of Grant:	425	320	279	123	55	15	4	7	12	12	13	17	17	15	7	1321
Patents By Year of Application:	1015	175	20	7	7	10	8	26	17	18	8	9	1	0	0	1321
NOVARTIS AG (FORMERLY SANDOZ LTD.)																
Patents By Year of Grant:	6	19	74	100	114	95	85	78	76	86	54	71	72	190	195	1315
Patents By Year of Application:	134	94	116	106	112	119	130	101	96	108	86	49	44	19	1	1315
TAKEDA CHEMICAL INDUSTRIES LTD.																
Patents By Year of Grant:	804	73	80	71	102	64	46	39	18	10	2	3	1	0	0	1313
Patents By Year of Application:	1000	49	93	65	48	45	9	2	1	1	0	0	0	0	0	1313
ADVANCED CARDIOVASCULAR SYSTEMS, INC.																
Patents By Year of Grant:	190	30	37	54	76	96	184	109	78	68	68	69	62	100	85	1306
Patents By Year of Application:	286	58	139	158	162	130	112	65	58	56	25	36	12	9	0	1306
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO, LTD.)																
Patents By Year of Grant:	519	67	60	52	62	58	59	53	24	50	38	48	51	65	100	1306
Patents By Year of Application:	667	39	64	58	66	67	57	60	58	55	47	37	18	10	3	1306

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
HOECHST CELANESE CORPORATION																
Patents By Year of Grant:	1198	69	25	10	3	0	0	0	0	0	0	0	0	0	0	1305
Patents By Year of Application:	1300	3	2	0	0	0	0	0	0	0	0	0	0	0	0	1305
PACESETTER, INC.																
Patents By Year of Grant:	131	100	46	32	53	77	76	81	76	98	116	85	81	137	115	1304
Patents By Year of Application:	279	38	68	68	144	127	87	120	116	116	95	26	14	6	0	1304
DANA CORPORATION																
Patents By Year of Grant:	546	82	88	103	97	77	70	86	56	49	34	12	0	0	0	1300
Patents By Year of Application:	740	80	112	63	103	77	77	22	24	2	0	0	0	0	0	1300
KYOCERA CORPORATION																
Patents By Year of Grant:	256	39	38	50	49	60	70	43	46	54	72	78	108	137	200	1300
Patents By Year of Application:	349	56	44	62	62	61	71	121	159	137	96	42	25	11	4	1300
SANDISK CORPORATION																
Patents By Year of Grant:	24	11	16	19	34	28	35	39	65	94	142	227	255	186	123	1298
Patents By Year of Application:	53	31	25	30	57	68	77	104	193	277	211	102	53	17	0	1298
SHOWA DENKO KABUSHIKI KAISHA																
Patents By Year of Grant:	269	32	37	52	70	85	70	86	63	88	48	55	91	123	126	1295
Patents By Year of Application:	353	54	59	91	110	123	109	97	110	86	44	35	17	7	0	1295
NTT DOCOMO, INC.																
Patents By Year of Grant:	0	0	0	1	0	5	6	18	65	135	145	152	202	277	269	1275
Patents By Year of Application:	2	2	10	37	111	173	180	162	174	194	120	65	35	8	2	1275
AVAYA TECHNOLOGY CORP.																
Patents By Year of Grant:	0	0	0	3	172	128	98	82	46	72	70	77	80	200	238	1266
Patents By Year of Application:	26	106	206	151	54	114	102	114	131	127	69	45	11	10	0	1266
SPRINT COMMUNICATIONS COMPANY L.P.																
Patents By Year of Grant:	11	14	13	22	29	42	54	86	69	110	112	122	126	205	247	1262
Patents By Year of Application:	61	53	52	89	81	135	147	151	139	133	109	69	30	13	0	1262
KOITO MANUFACTURING COMPANY LIMITED																
Patents By Year of Grant:	330	50	51	61	67	84	97	63	52	67	88	73	56	65	53	1257
Patents By Year of Application:	437	62	56	93	77	87	78	70	97	67	61	54	18	0	0	1257
FMC CORPORATION																
Patents By Year of Grant:	802	99	81	75	52	47	17	17	10	6	4	3	10	17	15	1255
Patents By Year of Application:	995	69	49	55	19	17	8	10	8	10	6	7	2	0	0	1255

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
LEAR CORPORATION																
Patents By Year of Grant:	22	64	78	58	49	60	83	117	118	200	127	66	69	68	71	1250
Patents By Year of Application:	164	54	55	79	69	140	181	198	113	58	57	51	19	12	0	1250
OMRON CORPORATION																
Patents By Year of Grant:	206	54	28	27	34	53	74	95	84	112	115	99	103	93	73	1250
Patents By Year of Application:	311	28	34	52	101	115	131	91	92	133	86	50	23	3	0	1250
ZF FRIEDRICHSHAFEN, AG																
Patents By Year of Grant:	220	34	31	36	52	45	54	60	55	82	94	99	98	145	140	1245
Patents By Year of Application:	277	38	51	40	71	96	105	128	121	128	133	41	14	2	0	1245
S. C. JOHNSON + SON, INC.																
Patents By Year of Grant:	304	41	60	29	29	54	61	54	63	62	101	97	100	83	101	1239
Patents By Year of Application:	400	30	37	55	46	78	77	75	125	94	89	45	33	51	4	1239
GILLETTE COMPANY																
Patents By Year of Grant:	322	60	55	72	69	62	53	50	54	64	56	48	66	94	111	1236
Patents By Year of Application:	445	50	72	87	55	56	84	65	64	44	44	38	66	47	19	1236
ADOBE SYSTEMS, INC.																
Patents By Year of Grant:	45	23	40	37	42	30	32	45	40	59	56	106	154	232	294	1235
Patents By Year of Application:	150	62	58	60	56	59	77	79	149	181	169	72	47	15	1	1235
ETHICON, INC.																
Patents By Year of Grant:	426	55	61	75	73	70	90	62	40	65	54	23	44	47	45	1230
Patents By Year of Application:	549	87	84	83	108	88	77	52	45	21	18	10	3	5	0	1230
ITT MANUFACTURING ENTERPRISES, INC.																
Patents By Year of Grant:	0	28	107	168	115	86	75	83	87	94	83	59	79	92	69	1225
Patents By Year of Application:	176	160	98	95	106	105	95	60	107	71	82	40	22	6	2	1225
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.																
Patents By Year of Grant:	214	50	59	65	60	92	79	71	56	65	49	69	64	97	132	1222
Patents By Year of Application:	343	61	93	108	116	95	78	59	89	70	59	34	15	2	0	1222
JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	796	71	57	71	65	55	54	23	9	11	3	0	0	1	0	1216
Patents By Year of Application:	940	56	63	117	8	16	8	7	1	0	0	0	0	0	0	1216
NXP B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	4	181	194	273	240	319	1211
Patents By Year of Application:	0	0	2	5	29	84	240	293	218	168	100	45	20	7	0	1211

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
AJINOMOTO COMPANY INCORPORATED																
Patents By Year of Grant:	355	53	51	46	61	64	49	66	49	60	79	64	60	75	74	1206
Patents By Year of Application:	479	41	61	88	82	96	45	75	68	58	42	35	28	8	0	1206
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH																
Patents By Year of Grant:	68	25	37	38	60	131	139	133	121	128	96	73	54	68	28	1199
Patents By Year of Application:	131	47	48	122	183	202	180	139	41	56	26	19	5	0	0	1199
ALLERGAN, INC.																
Patents By Year of Grant:	432	70	30	26	15	24	41	46	36	52	55	71	61	106	133	1198
Patents By Year of Application:	545	22	18	36	43	56	67	73	55	74	79	66	55	9	0	1198
GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC																
Patents By Year of Grant:	0	0	0	0	31	174	172	189	154	140	78	88	69	61	35	1191
Patents By Year of Application:	0	10	57	171	187	270	196	96	44	52	53	42	13	0	0	1191
TYCO ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	2	48	67	101	103	87	112	92	96	125	172	185	1190
Patents By Year of Application:	3	9	33	81	89	129	104	87	90	89	142	155	133	44	2	1190
CORNELL RESEARCH FOUNDATION INC.																
Patents By Year of Grant:	407	64	71	49	63	36	61	40	41	66	56	51	53	74	51	1183
Patents By Year of Application:	583	65	46	67	65	64	48	49	66	69	29	17	8	7	0	1183
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE																
Patents By Year of Grant:	492	75	71	55	67	51	63	41	29	39	26	31	27	41	56	1164
Patents By Year of Application:	669	52	52	60	72	47	42	33	34	23	31	34	11	4	0	1164
ALCOA INC.																
Patents By Year of Grant:	655	57	49	35	41	38	42	42	31	32	43	32	13	24	28	1162
Patents By Year of Application:	770	36	31	44	42	44	50	21	30	33	33	12	4	10	2	1162
TORAY INDUSTRIES INC.																
Patents By Year of Grant:	476	48	61	70	72	65	62	44	36	33	23	35	31	43	58	1157
Patents By Year of Application:	621	80	72	61	66	66	44	42	37	33	17	8	9	0	1	1157
NOVO NORDISK A/S																
Patents By Year of Grant:	331	124	179	142	93	39	56	24	29	24	20	17	19	20	38	1155
Patents By Year of Application:	658	144	91	47	63	36	38	10	27	24	9	1	6	1	0	1155
SANDIA CORPORATION																
Patents By Year of Grant:	105	76	90	77	100	102	89	70	49	56	66	75	63	74	62	1154
Patents By Year of Application:	288	93	102	92	98	70	79	72	64	65	56	52	16	7	0	1154

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
PENTAX CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	12	218	219	196	186	132	86	15	2	0	1066
Patents By Year of Application:	3	12	38	94	181	192	186	153	108	51	39	9	0	0	0	1066
MITSUBISHI CHEMICAL CORPORATION																
Patents By Year of Grant:	217	122	110	86	76	54	56	48	32	57	47	40	33	35	45	1058
Patents By Year of Application:	468	93	73	49	61	47	41	71	74	41	21	9	3	5	2	1058
UNITED STATES SURGICAL CORPORATION																
Patents By Year of Grant:	695	93	98	46	33	17	16	14	9	14	10	6	2	2	0	1055
Patents By Year of Application:	910	39	24	16	25	11	12	4	7	3	3	1	0	0	0	1055
MITSUI TOATSU CHEMICALS INC.																
Patents By Year of Grant:	1003	45	2	2	0	0	0	0	1	0	0	0	0	0	0	1053
Patents By Year of Application:	1052	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1053
ASAHI KASEI KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	468	50	61	69	66	79	62	57	38	34	29	5	18	9	7	1052
Patents By Year of Application:	598	66	60	82	88	90	38	5	12	6	4	2	1	0	0	1052
HILTI AKTIENGESSELLSCHAFT																
Patents By Year of Grant:	278	39	30	61	36	59	86	75	65	77	45	46	43	51	58	1049
Patents By Year of Application:	343	38	52	62	92	92	83	77	50	49	46	48	15	1	1	1049
OTIS ELEVATOR COMPANY																
Patents By Year of Grant:	501	88	74	42	37	68	33	25	15	19	16	24	37	36	34	1049
Patents By Year of Application:	666	38	48	68	42	34	57	43	32	12	4	2	1	2	0	1049
LG SEMICON CO., LTD.																
Patents By Year of Grant:	151	235	312	255	42	30	8	4	2	0	1	0	1	0	0	1041
Patents By Year of Application:	711	237	69	10	8	3	1	1	0	1	0	0	0	0	0	1041
SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "S.N.E.C.M.A."																
Patents By Year of Grant:	427	39	44	45	49	16	4	0	1	1	23	63	95	119	110	1036
Patents By Year of Application:	515	39	47	20	3	1	4	19	101	105	110	60	12	0	0	1036
KAWASAKI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	307	15	23	26	46	42	52	56	75	75	59	76	64	73	46	1035
Patents By Year of Application:	347	20	43	40	49	69	92	75	66	94	66	40	27	6	1	1035
ASTRAZENECA AB																
Patents By Year of Grant:	0	0	0	8	49	86	85	85	90	107	101	105	87	117	110	1030
Patents By Year of Application:	14	32	57	93	138	182	155	93	66	70	68	33	19	10	0	1030

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
G. D. SEARLE & CO.																
Patents By Year of Grant:	601	60	62	61	39	74	46	27	17	23	10	2	1	1	1	1025
Patents By Year of Application:	754	47	50	53	43	38	19	9	5	5	2	0	0	0	0	1025
BATTELLE MEMORIAL INSTITUTE																
Patents By Year of Grant:	293	33	35	39	36	43	71	75	61	68	43	42	51	60	68	1018
Patents By Year of Application:	364	52	52	54	100	83	86	52	47	56	30	22	16	3	1	1018
BELLSOUTH INTELLECTUAL PROPERTY CORPORATION																
Patents By Year of Grant:	0	0	12	19	26	61	90	185	191	309	118	3	1	1	2	1018
Patents By Year of Application:	36	31	95	164	224	242	136	67	16	7	0	0	0	0	0	1018
WINBOND ELECTRONICS CORP.																
Patents By Year of Grant:	60	59	117	116	126	122	82	99	63	63	47	26	14	9	14	1017
Patents By Year of Application:	227	167	131	97	98	114	64	47	29	17	11	6	9	0	0	1017
WYETH																
Patents By Year of Grant:	0	0	0	0	0	53	84	87	58	112	119	138	155	150	59	1015
Patents By Year of Application:	7	5	12	28	93	146	150	130	123	144	111	37	26	2	1	1015
DAIMLERCHRYSLER CORPORATION																
Patents By Year of Grant:	0	0	34	163	209	161	75	110	90	100	71	0	0	0	0	1013
Patents By Year of Application:	33	61	302	172	76	92	122	79	53	22	1	0	0	0	0	1013
COLUMBIA UNIVERSITY																
Patents By Year of Grant:	203	55	55	51	58	46	61	52	57	54	55	55	46	82	76	1006
Patents By Year of Application:	395	51	77	72	63	58	54	62	46	32	52	22	15	7	0	1006
WOLVERINE WORLD WIDE INC.																
Patents By Year of Grant:	36	3	5	23	56	28	47	57	97	83	169	256	120	18	7	1005
Patents By Year of Application:	39	10	26	50	32	45	77	148	110	161	197	80	24	6	0	1005
TOKAI RIKI DENKI SEISAKUSHO K.K.																
Patents By Year of Grant:	375	46	30	33	42	50	69	57	39	54	47	31	45	47	37	1002
Patents By Year of Application:	460	22	47	55	72	64	62	47	48	43	39	31	7	5	0	1002
KAWASAKI STEEL CORPORATION																
Patents By Year of Grant:	607	59	64	60	86	77	42	3	2	1	0	0	0	0	0	1001
Patents By Year of Application:	738	72	68	63	48	11	1	0	0	0	0	0	0	0	0	1001
Other Organizations (232722)																
Patents By Year of Grant:	550712	75369	78564	81696	86740	86652	87243	83677	72814	90951	86000	87453	91348	121340	126760	1807319
Patents By Year of Application:	719864	83881	91158	99091	105256	108373	104770	100096	96644	92841	82951	60789	37489	21111	3005	1807319