

PTMT SPECIAL REPORT

ALL PATENTS, ALL TYPES

JANUARY 1986 -- DECEMBER 2010



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

## PTMT Special Report All Patents, All Types 1/1986 - 12/31/2010 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, 1986** and **December 31, 2010**. 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 1997"** column correspond to the period **January 1, 1986** through **December 31, 1996**.

#### **Part B**

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

Patent data in the **"Pre 1997"** column correspond to the period **January 1, 1986** through **December 31, 1996**.

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 35 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 **1986**. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by the year in which each of 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 2010, patent grant data, as distributed by year of application are approximately 90% complete for utility patent applications filed in 2003, 80% complete for applications filed in 2004, 66% complete for applications filed in 2005, 50% complete for applications filed in 2006, 33% complete for applications filed in 2007, and 17% complete for applications filed in 2008; data are essentially complete for applications filed prior to 2003.

## Part A1

Patent Grants as Distributed By Year of Patent Grant

	----	Patents	Granted	By	Date	Of	Patent	Grant	(Granted: Jan 01, 1986 - Dec 31, 2010)						----	
	----- NUMBER OF PATENTS -----															
	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
Total	1126693	124147	163204	169145	176083	184045	184423	187048	181319	157741	196437	182928	185244	191933	244358	3654748
U.S. Origin	618631	69923	90697	94090	97011	98654	97124	98590	94128	82586	102267	93690	92001	95038	121179	1945609
Foreign Origin	508062	54224	72507	75055	79072	85391	87299	88458	87191	75155	94170	89238	93243	96895	123179	1709139
JAPAN	229420	24191	32118	32514	32922	34890	36339	37248	37032	31834	39411	35941	36679	38066	46978	725583
GERMANY	82923	7292	9582	9895	10824	11894	11957	12140	11367	9575	10889	10012	10085	10352	13633	232420
TAIWAN	12949	2597	3805	4526	5806	6545	6730	6676	7207	5993	7920	7491	7779	7781	9635	103440
FRANCE	33381	3202	3991	4097	4173	4456	4421	4126	3686	3106	3856	3720	3813	3805	5100	88933
UNITED KINGDOM	30704	2900	3724	3892	4085	4351	4190	4028	3895	3553	4323	4029	3834	4009	5038	86555
KOREA, SOUTH	6438	1965	3362	3679	3472	3763	4009	4132	4671	4591	6509	7264	8730	9566	12508	84659
CANADA	23294	2817	3536	3678	3925	4063	3857	3894	3781	3177	4094	3970	4125	4393	5513	78117
ITALY	14758	1417	1821	1686	1967	1978	1962	2022	1946	1591	1899	1836	1916	1837	2254	40890
SWITZERLAND	14326	1179	1374	1390	1458	1557	1532	1433	1405	1106	1388	1280	1403	1454	1889	34174
NETHERLANDS	10686	895	1382	1396	1410	1494	1681	1570	1537	1200	1647	1596	1725	1558	1919	31696
SWEDEN	9798	970	1346	1542	1738	1933	1824	1629	1388	1189	1360	1278	1260	1231	1594	30080
AUSTRALIA	5716	568	830	832	860	1032	992	1049	1093	1032	1538	1545	1613	1550	2079	22329
ISRAEL	3727	577	820	792	836	1031	1108	1260	1092	976	1325	1219	1312	1525	1917	19517
FINLAND	3540	468	629	695	649	769	856	944	954	751	1005	943	908	997	1232	15340
BELGIUM	4087	561	755	718	756	796	801	727	678	577	720	624	605	707	896	14008
CHINA, PEOPLE'S REPUB	483	66	88	99	161	265	390	424	596	565	970	1235	1874	2270	3303	12789
AUSTRIA	4130	393	408	505	537	632	559	639	575	492	626	554	575	767	905	12297
DENMARK	2913	432	500	588	509	556	559	611	530	473	546	511	566	537	766	10597
CHINA,HONG KONG S.A.R	1856	261	373	413	548	621	589	681	642	596	753	756	717	587	716	10109
SPAIN	1697	193	308	265	318	340	358	358	312	318	381	363	418	403	492	6524
INDIA	263	48	94	114	131	180	267	356	376	403	506	578	672	720	1137	5845
SINGAPORE	383	100	136	152	242	304	421	460	485	377	469	451	450	493	633	5556
NORWAY	1434	157	232	246	266	282	261	279	255	242	272	286	297	292	448	5249
NEW ZEALAND	707	109	145	134	136	160	173	165	192	143	173	165	169	198	232	3001
SOUTH AFRICA	1241	114	132	127	125	137	123	131	115	108	127	116	124	139	142	3001
RUSSIAN FEDERATION	258	112	194	185	185	239	203	203	173	154	176	193	181	204	287	2947
IRELAND	579	76	78	100	137	164	142	182	197	169	198	161	188	189	275	2835
BRAZIL	551	67	88	98	113	125	112	180	161	98	148	118	133	148	219	2359
MEXICO	491	57	77	94	100	87	105	93	102	95	88	90	77	80	115	1751
HUNGARY	955	25	52	39	38	61	48	72	52	48	49	55	72	48	98	1712
MALAYSIA	107	29	35	34	47	56	62	63	93	98	131	173	168	181	224	1501
U.S.S.R.	1075	4	6	3	1		1									1090
LUXEMBOURG	389	42	46	35	55	48	52	53	55	49	49	66	35	56	44	1074
ARGENTINA	264	38	46	46	63	58	58	70	50	29	47	53	42	50	59	973
VENEZUELA	283	26	29	39	32	28	32	20	23	10	15	17	16	11	18	599
THAILAND	63	11	21	29	30	47	61	47	28	25	42	25	40	39	60	568
Others ( 136 )	2193	265	344	378	417	449	464	493	447	412	520	524	642	652	821	9021
Ownership:																
U.S. Corporations	467164	55305	72358	75932	78825	82078	81110	82804	79999	70942	88180	81126	80981	84195	107344	1588343
U.S. Government	12262	974	1040	1000	960	985	945	891	859	713	815	739	693	710	937	24523
U.S. Individuals	164544	16285	20764	20541	20352	18840	17496	16901	15182	12785	15256	13774	13068	12703	16059	394550
Foreign Corporations	421545	45641	61422	64225	68057	74028	76855	78686	78571	67952	85839	81532	85164	89192	113766	1492475
Foreign Government	4564	278	258	164	108	97	115	89	81	58	60	76	37	109	188	6282
Foreign Individuals	56614	5664	7362	7283	7781	8017	7902	7677	6627	5291	6287	5681	5301	5024	6064	148575

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

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

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

Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	55	56	56	56	55	54	53	53	52	52	52	51	50	50	50	53
Foreign Origin	45	44	44	44	45	46	47	47	48	48	48	49	50	50	50	47

JAPAN	20	19	20	19	19	19	20	20	20	20	20	20	20	20	19	20
GERMANY	7	6	6	6	6	6	6	6	6	6	6	5	5	5	6	6
TAIWAN	1	2	2	3	3	4	4	4	4	4	4	4	4	4	4	3
FRANCE	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
UNITED KINGDOM	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
KOREA, SOUTH	1	2	2	2	2	2	2	2	3	3	3	4	5	5	5	2
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
FINLAND								1	1		1	1		1	1	0
BELGIUM																0
CHINA, PEOPLE'S REPUB												1	1	1	1	0
AUSTRIA																0
DENMARK																0
CHINA,HONG KONG S.A.R																0
SPAIN																0
INDIA																0
SINGAPORE																0
NORWAY																0
NEW ZEALAND																0
SOUTH AFRICA																0
RUSSIAN FEDERATION																0
IRELAND																0
BRAZIL																0
MEXICO																0
HUNGARY																0
MALAYSIA																0
U.S.S.R.																0
LUXEMBOURG																0
ARGENTINA																0
VENEZUELA																0
THAILAND																0
Others ( 136 )																0

## Ownership:

U.S. Corporations	41	45	44	45	45	45	44	44	44	45	45	44	44	44	44	43
U.S. Government	1	1	1	1	1	1	1									1
U.S. Individuals	15	13	13	12	12	10	9	9	8	8	8	8	7	7	7	11
Foreign Corporations	37	37	38	38	39	40	42	42	43	43	44	45	46	46	47	41
Foreign Government																0
Foreign Individuals	5	5	5	4	4	4	4	4	4	3	3	3	3	3	2	4

## Part A2

Patent Grants as Distributed By Year of Patent Application

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

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

Total	1436754	184036	183470	195761	211114	222119	226230	216277	204176	188900	160928	120440	70214	29459	4870	3654748
U.S. Origin	792216	101528	101094	106589	113030	114088	114943	110390	102457	94484	80229	61244	34911	15651	2755	1945609
Foreign Origin	644538	82508	82376	89172	98084	108031	111287	105887	101719	94416	80699	59196	35303	13808	2115	1709139
JAPAN	291862	37070	34629	35648	40543	44901	43491	42512	41286	40123	32616	23400	12992	3992	518	725583
GERMANY	100500	10826	10915	12748	13596	14890	15884	13489	11723	9998	7838	5565	3023	1284	141	232420
TAIWAN	17824	4196	5338	6680	6251	7221	8324	8618	8782	8201	8208	6841	4527	2013	416	103440
FRANCE	41305	4384	4267	4774	5161	5168	5285	4715	3989	3480	2719	1928	1115	535	108	88933
UNITED KINGDOM	38440	4218	4353	4787	4977	5514	5625	4888	3969	3266	2520	1921	1381	578	118	86555
KOREA, SOUTH	12102	3936	4090	3836	4441	5030	6223	7343	8740	9224	9069	6022	3198	1212	193	84659
CANADA	30031	4001	4215	4302	4580	4607	4799	4527	4413	3969	3478	2679	1590	822	104	78117
ITALY	18025	1884	1845	2020	2149	2430	2529	2432	2065	1794	1494	1075	729	384	35	40890
SWITZERLAND	17011	1467	1491	1592	1722	1871	1886	1663	1426	1243	1104	849	558	236	55	34174
NETHERLANDS	13277	1575	1426	1585	1797	2024	2099	1958	2057	1397	1122	697	460	198	24	31696
SWEDEN	12392	1856	1940	1971	2074	2052	1966	1573	1264	1023	924	567	322	136	20	30080
AUSTRALIA	7385	852	1045	1069	1329	1338	1614	1495	1772	1354	1007	941	783	310	35	22329
ISRAEL	5345	888	1003	1322	1502	1661	1565	1301	1249	1277	1085	770	397	135	17	19517
FINLAND	4843	790	767	1037	1263	1402	1328	1082	935	693	552	331	236	73	8	15340
BELGIUM	5573	755	793	855	863	906	936	886	669	646	524	307	192	97	6	14008
CHINA, PEOPLE'S REPUB	637	107	135	228	395	609	783	905	1347	1530	1993	1780	1481	720	139	12789
AUSTRIA	4998	497	562	619	651	730	899	740	642	544	467	376	403	135	34	12297
DENMARK	3943	558	614	628	626	806	756	675	562	448	384	263	170	154	10	10597
CHINA,HONG KONG S.A.R	2381	331	458	559	620	768	765	799	832	742	606	568	348	276	56	10109
SPAIN	2198	306	309	323	390	491	475	472	397	415	299	243	129	63	14	6524
INDIA	411	127	142	206	343	496	685	763	714	648	571	430	243	60	6	5845
SINGAPORE	637	192	246	380	478	538	598	502	545	459	423	320	179	54	5	5556
NORWAY	1858	253	245	327	343	392	446	354	311	261	213	126	74	36	10	5249
NEW ZEALAND	976	169	134	150	216	240	234	260	161	134	115	94	91	25	2	3001
SOUTH AFRICA	1498	122	140	143	142	179	175	143	145	100	77	70	41	20	6	3001
RUSSIAN FEDERATION	596	199	196	256	252	271	241	236	181	157	168	108	59	24	3	2947
IRELAND	764	115	174	147	218	228	277	205	195	206	136	100	42	28		2835
BRAZIL	719	99	108	128	139	154	223	201	173	99	109	92	70	39	6	2359
MEXICO	626	100	100	101	107	129	94	124	86	88	93	44	45	11	3	1751
HUNGARY	1042	38	54	57	74	73	105	66	58	69	29	28	12	7		1712
MALAYSIA	176	45	30	59	69	99	99	167	201	160	160	134	83	19		1501
U.S.S.R.	1085	3	2													1090
LUXEMBOURG	455	60	43	48	57	66	77	60	58	43	43	19	34	8	3	1074
ARGENTINA	355	46	63	52	70	82	56	49	55	34	49	29	28	4	1	973
VENEZUELA	334	35	33	36	31	34	26	8	13	17	9	12	3	8		599
THAILAND	93	28	24	40	77	43	52	29	30	43	33	30	32	14		568
Others ( 136 )	2841	380	447	459	538	588	667	647	674	531	462	437	233	98	19	9021

## Ownership:

U.S. Corporations	610133	83188	83569	88988	95517	98126	98747	95019	88305	82053	69681	52034	28958	11987	2038	1588343
U.S. Government	14766	989	954	868	1016	1047	1001	916	825	781	589	464	232	68	7	24523
U.S. Individuals	199146	20840	19436	19524	19328	17848	18222	17113	15418	13939	11940	10122	6977	3934	763	394550
Foreign Corporations	538878	71417	72164	78120	86587	96360	99381	95648	93304	86716	74184	54158	31586	12128	1844	1492475
Foreign Government	5117	172	115	113	136	102	111	99	106	75	50	49	26	10	1	6282
Foreign Individuals	68714	7430	7232	8148	8530	8636	8768	7482	6218	5336	4484	3613	2435	1332	217	148575

	Patents Granted By Date Of Patent Application (Granted: Jan 01, 1986 - Dec 31, 2010)															
	PERCENT OF PATENTED APPLICATIONS															
	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	55	55	55	54	54	51	51	51	50	50	50	51	50	53	57	53
Foreign Origin	45	45	45	46	46	49	49	49	50	50	50	49	50	47	43	47
JAPAN	20	20	19	18	19	20	19	20	20	21	20	19	19	14	11	20
GERMANY	7	6	6	7	6	7	7	6	6	5	5	5	4	4	3	6
TAIWAN	1	2	3	3	3	3	4	4	4	4	5	6	6	7	9	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
KOREA, SOUTH	1	2	2	2	2	2	3	3	4	5	6	5	5	4	4	2
CANADA	2	2	2	2	2	2	2	2	2	2	2	2	2	3	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
SWEDEN	1	1	1	1	1	1	1	1	1	1	1					1
AUSTRALIA	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ISRAEL			1	1	1	1	1	1	1	1	1	1	1			1
FINLAND				1	1	1	1	1								0
BELGIUM																0
CHINA, PEOPLE'S REPUB									1	1	1	1	2	2	3	0
AUSTRIA													1		1	0
DENMARK														1		0
CHINA,HONG KONG S.A.R														1	1	0
SPAIN																0
INDIA																0
SINGAPORE																0
NORWAY																0
NEW ZEALAND																0
SOUTH AFRICA																0
RUSSIAN FEDERATION																0
IRELAND																0
BRAZIL																0
MEXICO																0
HUNGARY																0
MALAYSIA																0
U.S.S.R.																0
LUXEMBOURG																0
ARGENTINA																0
VENEZUELA																0
THAILAND																0
Others ( 136 )																0
Ownership:																
U.S. Corporations	42	45	46	45	45	44	44	44	43	43	43	43	41	41	42	43
U.S. Government	1	1	1													1
U.S. Individuals	14	11	11	10	9	8	8	8	8	7	7	8	10	13	16	11
Foreign Corporations	38	39	39	40	41	43	44	44	46	46	46	45	45	41	38	41
Foreign Government																0
Foreign Individuals	5	4	4	4	4	4	4	3	3	3	3	3	3	5	4	4



## Part B

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

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

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	10618	1781	2685	2778	2905	3429	3297	3438	3253	2950	3635	3134	4182	4888	5867	58840
Patents By Year of Application:	16247	3621	3792	4398	4362	4012	3498	3783	3478	3285	2833	2855	2437	232	7	58840
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	11301	1462	2007	1864	1971	1976	1951	2051	1843	1840	2387	2000	2126	2212	2566	39557
Patents By Year of Application:	16561	2509	1840	2020	1920	2154	1906	2188	2115	2429	1717	1306	677	201	14	39557
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	2224	591	1309	1557	1449	1449	1340	1316	1617	1724	2719	3352	4276	4071	4920	33914
Patents By Year of Application:	4466	1619	1862	1486	1368	1623	2029	2988	3635	3940	4227	2728	1381	476	86	33914
TOSHIBA CORPORATION																
Patents By Year of Grant:	10510	889	1237	1232	1271	1189	1181	1254	1364	1277	1727	1587	1631	1719	2279	30347
Patents By Year of Application:	12924	1385	1329	1181	1232	1466	1577	1580	1813	1670	1658	1375	823	307	27	30347
HITACHI, LTD																
Patents By Year of Grant:	10322	914	1110	1024	1059	1297	1622	1907	1521	1275	1755	1407	1323	1061	1455	29052
Patents By Year of Application:	12815	1084	994	1348	1648	2238	1901	1554	1703	1266	1144	833	429	71	24	29052
SONY CORPORATION																
Patents By Year of Grant:	5480	944	1445	1641	1666	1546	1605	1470	1470	1299	1944	1681	1701	1844	2233	27969
Patents By Year of Application:	8390	2138	1813	1839	1813	2050	1664	1675	1658	2068	1355	951	422	120	13	27969
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	6117	784	1090	1107	1216	1500	1593	1903	2060	1802	2417	2068	1684	48	13	25402
Patents By Year of Application:	8249	1335	1418	1662	2049	2402	2231	2276	1838	1091	612	229	9	1	0	25402
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	9164	669	738	702	790	1122	1423	1142	982	905	1055	918	922	980	1235	22747
Patents By Year of Application:	10617	780	921	1236	1406	1277	1164	1212	1104	1181	973	571	252	50	3	22747
NEC CORPORATION																
Patents By Year of Grant:	6419	1105	1639	1850	2041	1970	1847	1200	829	675	738	605	532	522	658	22630
Patents By Year of Application:	9401	2333	2348	2143	1807	1390	869	632	571	534	316	176	85	25	0	22630
FUJITSU LIMITED																
Patents By Year of Grant:	4688	908	1232	1200	1155	1176	1216	1306	1302	1159	1494	1300	1483	1197	1289	22105
Patents By Year of Application:	7389	1478	1461	1286	1444	1609	1390	1202	1383	1503	1038	572	270	72	8	22105
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	8922	901	1092	1073	1047	1208	1399	1264	790	624	615	483	504	551	720	21193
Patents By Year of Application:	11075	1185	1065	1140	1336	1484	1061	630	661	499	461	349	182	58	7	21193

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
INTEL CORPORATION																
Patents By Year of Grant:	1322	405	708	744	806	818	1095	1600	1605	1552	1967	1869	1774	1537	1657	19459
Patents By Year of Application:	2851	1012	1100	1394	1743	1819	2024	2225	1844	1504	1117	579	204	38	5	19459
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	703	319	592	942	1312	1646	1837	1710	1760	1564	1616	1479	1259	971	919	18629
Patents By Year of Application:	1766	1205	1515	1559	1845	1953	2026	1580	1618	1310	1300	569	295	83	5	18629
MOTOROLA, INC.																
Patents By Year of Grant:	7329	1186	1542	1273	1267	811	729	668	630	494	641	443	405	408	441	18267
Patents By Year of Application:	10288	1497	1093	739	1031	664	759	655	477	412	352	176	97	26	1	18267
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	7475	802	1145	1012	894	733	703	757	717	582	689	494	321	296	355	16975
Patents By Year of Application:	9303	1114	1135	674	904	832	831	693	620	384	253	157	52	21	2	16975
MICROSOFT CORPORATION																
Patents By Year of Grant:	219	206	343	356	359	455	511	519	661	787	1618	1966	2312	3159	3300	16771
Patents By Year of Application:	1005	510	648	787	1086	948	1124	1692	2818	3146	1670	730	405	168	34	16771
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	5179	455	627	744	915	801	698	683	766	703	868	708	746	732	870	15495
Patents By Year of Application:	6272	849	964	1002	881	1001	991	888	936	701	509	293	178	29	1	15495
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	4097	607	611	599	689	798	717	765	898	734	880	750	755	649	828	14377
Patents By Year of Application:	5640	759	707	802	792	934	980	948	741	728	569	450	241	75	11	14377
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	6935	481	560	550	552	605	709	845	1048	776	948	332	14	14	3	14372
Patents By Year of Application:	8062	680	566	700	944	999	955	797	438	202	26	1	2	0	0	14372
XEROX CORPORATION																
Patents By Year of Grant:	4545	610	776	671	592	726	697	646	520	464	536	558	546	630	910	13427
Patents By Year of Application:	5969	653	867	870	788	564	618	552	545	846	573	336	175	67	4	13427
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	3415	353	416	487	493	612	720	703	810	778	948	815	847	854	1068	13319
Patents By Year of Application:	4176	490	550	463	791	850	1051	1000	989	999	767	678	376	118	21	13319
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1346	1821	1813	2180	1545	1475	1300	1500	12980
Patents By Year of Application:	10	27	97	328	1001	2183	2289	2632	1747	1383	628	501	111	40	3	12980

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	1218	239	327	316	422	530	648	797	858	896	1256	1239	1274	1385	1479	12884
Patents By Year of Application:	1943	385	502	605	752	979	1050	1274	1534	1345	1192	797	410	110	6	12884
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	4408	422	584	554	625	573	579	526	556	502	687	694	610	648	796	12764
Patents By Year of Application:	5576	621	655	512	739	716	640	820	760	689	545	331	122	32	6	12764
RICOH COMPANY, LTD.																
Patents By Year of Grant:	3092	340	408	411	431	389	338	417	539	473	702	756	872	1020	1224	11412
Patents By Year of Application:	3934	447	432	470	486	565	709	861	801	862	913	600	275	56	1	11412
ROBERT BOSCH GMBH																
Patents By Year of Grant:	2972	267	351	423	560	709	686	756	907	772	683	617	439	535	615	11292
Patents By Year of Application:	3616	498	529	776	785	992	1282	1000	600	515	306	227	103	55	8	11292
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	6447	499	760	764	723	754	267	4	2	0	2	0	0	0	1	10223
Patents By Year of Application:	7930	828	709	497	212	47	0	0	0	0	0	0	0	0	0	10223
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	5193	313	399	341	341	337	316	341	332	251	363	369	327	359	492	10074
Patents By Year of Application:	5888	409	338	345	396	375	384	430	383	384	359	231	100	46	6	10074
ADVANCED MICRO DEVICES, INC.																
Patents By Year of Grant:	1030	271	557	825	1053	1086	1154	904	802	526	439	305	194	181	164	9491
Patents By Year of Application:	1999	1116	1006	979	1234	990	844	494	333	207	158	88	34	9	0	9491
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	300	816	948	1162	1426	1116	665	621	536	406	553	432	406	4	2	9393
Patents By Year of Application:	2408	1273	1718	1419	845	435	410	474	243	116	41	11	0	0	0	9393
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	3311	554	827	880	968	1025	1113	424	0	7	10	4	0	0	9	9132
Patents By Year of Application:	4914	1034	972	918	696	542	45	0	3	6	0	1	1	0	0	9132
LG ELECTRONICS INC.																
Patents By Year of Grant:	24	120	227	244	234	290	382	442	551	531	843	875	1018	1180	1680	8641
Patents By Year of Application:	413	312	312	328	503	683	746	892	1123	1166	960	638	282	229	54	8641
PROCTER + GAMBLE COMPANY																
Patents By Year of Grant:	1951	434	503	632	546	489	501	490	450	352	380	429	396	376	561	8490
Patents By Year of Application:	3013	643	491	518	579	579	489	398	348	374	358	281	221	164	34	8490

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	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
AT&T CORP.																
Patents By Year of Grant:	5392	49	150	279	295	291	285	209	218	202	264	273	248	141	84	8380
Patents By Year of Application:	5737	488	345	301	272	305	222	143	150	240	95	58	22	2	0	8380
BASF AKTIENGESELLSCHAFT																
Patents By Year of Grant:	3653	276	399	414	510	487	476	393	343	231	278	226	215	177	225	8303
Patents By Year of Application:	4318	479	514	504	500	510	543	398	252	132	98	40	10	5	0	8303
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	2301	213	390	405	349	332	309	310	323	325	563	439	560	535	813	8167
Patents By Year of Application:	2871	500	340	320	299	356	335	441	591	751	606	454	189	93	21	8167
BAYER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	4585	357	382	342	306	364	399	348	330	176	149	39	11	5	9	7802
Patents By Year of Application:	5345	388	284	359	341	437	424	155	43	13	8	4	0	1	0	7802
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
Patents By Year of Grant:	0	0	0	0	0	12	860	1424	1250	801	955	633	525	570	765	7795
Patents By Year of Application:	42	36	171	583	1131	1765	1477	870	704	441	290	102	81	83	19	7795
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	4074	277	306	276	254	177	190	291	377	394	500	343	195	94	7	7755
Patents By Year of Application:	4601	265	278	172	219	286	521	581	602	191	33	5	1	0	0	7755
SUN MICROSYSTEMS, INC.																
Patents By Year of Grant:	439	162	440	578	480	444	508	584	689	655	779	623	513	564	199	7657
Patents By Year of Application:	1397	696	508	586	699	892	1021	625	505	375	268	63	22	0	0	7657
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	3157	303	346	360	366	326	388	366	322	262	284	273	229	236	307	7525
Patents By Year of Application:	3945	378	362	292	343	366	351	351	321	271	214	208	87	32	4	7525
DENSO CORPORATION																
Patents By Year of Grant:	0	7	124	307	371	437	482	552	646	609	732	755	657	711	804	7194
Patents By Year of Application:	122	348	388	441	442	637	675	754	765	860	774	655	288	43	2	7194
INFINEON TECHNOLOGIES AG																
Patents By Year of Grant:	0	0	0	0	42	219	453	642	785	787	892	848	812	595	768	6843
Patents By Year of Application:	6	8	85	173	485	847	1137	994	927	947	667	403	137	27	0	6843
HON HAI PRECISION IND. CO., LTD.																
Patents By Year of Grant:	14	26	50	176	523	496	509	484	631	363	606	471	640	789	1033	6811
Patents By Year of Application:	80	106	263	613	373	585	653	438	694	506	753	677	673	370	27	6811

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	1292	175	270	254	271	300	386	382	394	369	544	485	477	473	537	6609
Patents By Year of Application:	1772	291	344	333	490	490	510	492	502	489	386	281	154	63	12	6609
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	1248	265	390	434	434	404	436	445	424	392	418	337	242	262	356	6487
Patents By Year of Application:	2228	415	451	466	490	544	479	424	309	260	223	131	51	13	3	6487
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	2756	139	164	211	251	261	252	265	268	295	349	279	242	275	310	6317
Patents By Year of Application:	3082	203	252	222	253	314	358	366	407	381	199	175	61	21	23	6317
BOEING COMPANY																
Patents By Year of Grant:	1647	114	157	147	138	163	200	268	428	414	490	433	441	537	676	6253
Patents By Year of Application:	2016	120	141	130	187	380	532	629	570	562	506	314	128	34	4	6253
MINNESOTA MINING AND MANUFACTURING COMPANY																
Patents By Year of Grant:	4454	591	592	351	52	15	11	7	3	1	1	0	0	0	0	6078
Patents By Year of Application:	5645	355	60	9	5	3	0	1	0	0	0	0	0	0	0	6078
CISCO TECHNOLOGY, INC.																
Patents By Year of Grant:	0	0	19	45	109	165	224	342	434	446	657	592	718	927	1148	5826
Patents By Year of Application:	51	119	283	533	687	620	623	644	610	730	513	260	104	41	8	5826
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	0	0	181	476	463	567	608	560	455	542	546	461	387	576	5822
Patents By Year of Application:	155	297	450	493	578	696	638	635	511	492	405	233	142	81	16	5822
TELEFONAKTIEBOLAGET LM ERICSSON																
Patents By Year of Grant:	589	116	224	386	491	522	526	473	390	331	359	253	264	251	388	5563
Patents By Year of Application:	1092	608	665	644	734	547	358	273	278	176	108	53	24	2	1	5563
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	1589	157	217	266	233	191	115	105	165	154	241	325	465	537	771	5531
Patents By Year of Application:	2028	268	299	155	104	112	174	320	394	502	632	359	151	33	0	5531
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	129	130	220	290	385	530	449	431	463	442	472	468	367	311	438	5525
Patents By Year of Application:	428	311	384	586	353	452	687	538	632	419	362	259	90	23	1	5525
NIKON CORPORATION																
Patents By Year of Grant:	1541	495	599	371	303	303	251	311	235	188	151	138	161	154	220	5421
Patents By Year of Application:	2567	520	289	323	363	309	204	181	130	205	166	93	59	8	4	5421

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	0	0	61	222	351	380	536	466	572	544	641	671	831	5275
Patents By Year of Application:	20	34	117	196	455	486	571	592	719	772	644	448	190	28	3	5275
NOKIA CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	7	44	332	449	379	654	749	775	936	860	5186
Patents By Year of Application:	1	6	19	211	392	717	906	755	671	487	365	261	301	78	16	5186
APPLIED MATERIALS, INC.																
Patents By Year of Grant:	371	93	178	266	390	442	503	537	360	352	354	285	275	300	446	5152
Patents By Year of Application:	833	368	366	434	588	443	464	339	318	298	355	230	92	20	4	5152
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	2370	160	308	369	346	312	240	223	211	159	169	113	54	41	33	5108
Patents By Year of Application:	2905	439	411	363	353	278	183	120	20	13	9	10	3	1	0	5108
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																
Patents By Year of Grant:	549	98	127	185	159	211	246	275	336	293	406	413	468	550	735	5051
Patents By Year of Application:	958	237	185	257	272	365	408	416	536	453	427	301	183	49	4	5051
FUJI XEROX CO., LTD.																
Patents By Year of Grant:	1068	197	283	259	199	170	187	175	198	201	250	317	338	428	572	4842
Patents By Year of Application:	1631	279	188	210	239	240	213	387	317	411	400	219	88	19	1	4842
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	3792	165	175	142	134	169	118	42	28	10	9	5	0	3	0	4792
Patents By Year of Application:	4170	157	123	135	122	58	19	2	3	1	2	0	0	0	0	4792
Panasonic Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	293	1911	2557	4761
Patents By Year of Application:	0	2	4	6	17	35	89	274	643	1028	960	833	632	209	29	4761
BROADCOM CORPORATION																
Patents By Year of Grant:	0	2	2	0	6	42	75	167	299	415	660	533	643	714	958	4516
Patents By Year of Application:	5	7	14	92	228	356	644	646	816	624	492	383	153	49	7	4516
SHELL OIL COMPANY																
Patents By Year of Grant:	2557	129	148	136	135	129	81	100	170	122	189	139	137	142	178	4492
Patents By Year of Application:	2861	147	129	111	114	229	244	155	186	100	94	92	22	7	1	4492
MURATA MANUFACTURING CO., LTD.																
Patents By Year of Grant:	913	150	217	268	302	321	444	446	373	228	177	108	163	179	190	4479
Patents By Year of Application:	1309	293	282	361	474	432	348	277	195	94	63	156	133	51	11	4479

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
YAZAKI CORP.																
Patents By Year of Grant:	1091	242	291	307	305	336	315	313	203	157	154	146	164	142	154	4320
Patents By Year of Application:	1613	319	306	285	358	312	255	170	169	144	141	120	99	29	0	4320
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	2128	217	282	230	291	279	276	272	121	82	62	32	16	14	10	4312
Patents By Year of Application:	2699	250	280	289	290	235	145	75	18	13	10	6	2	0	0	4312
DELPHI TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	2	94	327	644	638	549	406	390	358	313	309	233	4263
Patents By Year of Application:	3	4	44	374	632	734	618	507	374	421	272	204	65	11	0	4263
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	2140	170	167	143	147	165	150	131	135	127	181	144	130	118	158	4206
Patents By Year of Application:	2507	148	158	155	164	145	162	165	186	174	124	72	31	13	2	4206
OKI ELECTRIC INDUSTRY CO., LTD.																
Patents By Year of Grant:	1027	73	130	202	225	299	328	295	307	315	318	279	234	82	64	4178
Patents By Year of Application:	1243	255	304	269	338	308	392	365	272	226	132	49	18	7	0	4178
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	4005	74	82	12	4	0	1	0	0	0	0	0	0	0	0	4178
Patents By Year of Application:	4147	29	1	0	1	0	0	0	0	0	0	0	0	0	0	4178
HOECHST AKTIENGESELLSCHAFT																
Patents By Year of Grant:	3204	353	328	152	82	18	18	9	1	2	0	0	0	1	0	4168
Patents By Year of Application:	3900	203	39	14	5	4	2	0	1	0	0	0	0	0	0	4168
GOODYEAR TIRE + RUBBER COMPANY																
Patents By Year of Grant:	1191	235	206	153	181	229	282	260	226	168	221	201	193	215	152	4113
Patents By Year of Application:	1524	219	176	208	284	295	240	241	194	171	170	136	156	73	26	4113
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																
Patents By Year of Grant:	666	157	220	210	199	221	218	207	197	162	255	229	288	396	476	4101
Patents By Year of Application:	1029	227	212	256	219	222	252	278	297	320	357	251	144	36	1	4101
SUMITOMO ELECTRIC INDUSTRIES CO., LTD.																
Patents By Year of Grant:	1762	172	159	162	136	156	171	184	177	170	160	151	147	158	177	4042
Patents By Year of Application:	2143	162	135	143	184	204	210	227	170	166	136	92	47	20	3	4042
CATERPILLAR INC.																
Patents By Year of Grant:	992	213	197	267	354	268	255	221	174	157	146	191	186	182	231	4034
Patents By Year of Application:	1435	265	322	304	270	246	251	156	145	207	200	156	67	3	7	4034



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	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
NORTEL NETWORKS LIMITED																
Patents By Year of Grant:	0	0	0	94	396	465	420	436	499	377	323	273	275	248	182	3988
Patents By Year of Application:	81	441	667	701	712	313	336	312	223	88	75	26	11	2	0	3988
NATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	1083	188	178	197	188	183	208	217	219	224	259	229	191	202	204	3970
Patents By Year of Application:	1472	174	229	193	220	231	264	270	306	238	135	166	60	12	0	3970
HYNIX SEMICONDUCTOR INC.																
Patents By Year of Grant:	0	0	0	0	0	4	99	245	337	358	438	406	437	585	974	3883
Patents By Year of Application:	1	3	6	14	45	267	430	431	473	478	559	649	451	67	9	3883
TDK CORPORATION																
Patents By Year of Grant:	696	76	83	104	163	217	258	233	206	159	296	340	324	347	361	3863
Patents By Year of Application:	859	109	204	249	276	272	187	261	445	346	323	221	91	17	3	3863
RENESAS TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	20	914	607	583	513	502	369	346	3854
Patents By Year of Application:	2	3	11	28	92	286	739	746	495	464	429	361	159	38	1	3854
FORD MOTOR COMPANY																
Patents By Year of Grant:	2510	266	147	151	103	27	18	46	58	48	41	31	72	133	152	3803
Patents By Year of Application:	2897	145	114	45	77	29	58	58	42	33	31	68	97	101	8	3803
CIBA-GEIGY CORPORATION																
Patents By Year of Grant:	3488	239	17	4	3	0	2	0	0	0	0	0	0	0	0	3753
Patents By Year of Application:	3751	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3753
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	2165	123	118	109	119	101	78	59	54	82	133	123	130	138	212	3744
Patents By Year of Application:	2446	117	119	95	49	71	86	124	193	158	192	70	20	2	2	3744
LSI LOGIC CORPORATION																
Patents By Year of Grant:	341	168	229	337	325	289	308	374	378	340	384	105	107	29	7	3721
Patents By Year of Application:	883	396	385	231	280	509	437	342	146	79	19	9	5	0	0	3721
AGILENT TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	124	338	314	388	647	559	468	286	262	178	124	3688
Patents By Year of Application:	18	30	238	360	383	515	684	564	323	284	202	63	23	1	0	3688
SILVERBROOK RESEARCH PTY. LTD																
Patents By Year of Grant:	0	0	0	0	10	117	121	122	172	247	515	536	608	474	752	3674
Patents By Year of Application:	0	0	158	33	236	82	254	341	738	596	338	404	415	73	6	3674

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	2784	119	140	147	187	162	68	39	13	3	1	2	1	0	0	3666
Patents By Year of Application:	3071	161	173	194	35	20	9	2	1	0	0	0	0	0	0	3666
KONICA CORPORATION																
Patents By Year of Grant:	1980	128	170	166	157	155	182	157	194	124	114	65	40	15	8	3655
Patents By Year of Application:	2259	183	189	162	176	176	226	223	16	20	14	8	3	0	0	3655
MOBIL OIL CORP.																
Patents By Year of Grant:	3262	91	67	72	71	52	14	5	4	3	0	0	1	0	0	3642
Patents By Year of Application:	3445	68	70	51	6	0	0	1	0	1	0	0	0	0	0	3642
EATON CORPORATION																
Patents By Year of Grant:	1526	145	165	222	196	149	159	139	124	126	137	134	124	157	130	3633
Patents By Year of Application:	1813	187	196	175	188	134	147	147	155	162	152	119	45	13	0	3633
APPLE COMPUTER, INC.																
Patents By Year of Grant:	588	230	261	181	126	107	96	100	122	103	132	156	252	399	722	3575
Patents By Year of Application:	1251	135	121	104	100	135	166	203	214	245	303	310	151	119	18	3575
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	377	90	101	176	193	204	238	192	229	199	218	234	287	362	453	3553
Patents By Year of Application:	593	190	208	171	299	270	287	311	274	276	302	248	98	26	0	3553
Fujifilm Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	681	903	892	1041	3520
Patents By Year of Application:	0	1	2	5	39	81	144	312	520	834	851	434	239	57	1	3520
L'OREAL S.A.																
Patents By Year of Grant:	853	169	191	262	251	275	287	219	136	113	155	166	145	117	165	3504
Patents By Year of Application:	1308	270	211	317	309	261	216	174	146	138	71	44	27	11	1	3504
QUALCOMM, INC.																
Patents By Year of Grant:	112	46	84	120	109	175	196	180	284	201	401	284	291	358	658	3499
Patents By Year of Application:	323	137	188	289	220	408	402	327	321	345	317	145	71	6	0	3499
YAMAHA CORPORATION																
Patents By Year of Grant:	1043	151	208	224	149	124	133	126	125	160	174	198	223	232	224	3494
Patents By Year of Application:	1430	220	162	138	162	189	186	236	175	200	137	137	104	18	0	3494
MEDTRONIC INC.																
Patents By Year of Grant:	561	92	243	208	233	188	173	195	179	182	234	251	152	217	376	3484
Patents By Year of Application:	890	248	234	238	228	282	262	343	237	205	178	108	18	13	0	3484

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
MERCK + CO., INC.																
Patents By Year of Grant:	1617	163	179	217	188	185	175	132	58	64	81	102	99	124	26	3410
Patents By Year of Application:	1959	231	212	189	169	153	115	142	114	68	34	17	7	0	0	3410
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	1017	82	100	154	194	264	211	253	239	215	187	172	146	91	59	3384
Patents By Year of Application:	1208	180	197	252	272	283	211	235	190	165	92	57	31	8	3	3384
SUMITOMO CHEMICAL COMPANY, LIMITED																
Patents By Year of Grant:	1437	123	149	136	149	168	187	174	152	113	102	109	80	108	132	3319
Patents By Year of Application:	1759	152	138	173	171	212	201	150	121	103	53	49	31	6	0	3319
KIMBERLY-CLARK WORLDWIDE, INC.																
Patents By Year of Grant:	0	100	173	188	272	338	284	417	313	259	230	178	144	166	249	3311
Patents By Year of Application:	348	283	206	356	453	468	421	261	167	160	101	44	25	16	2	3311
UNITED MICROELECTRONICS CORPORATION																
Patents By Year of Grant:	384	149	174	266	430	584	278	188	77	95	107	125	121	151	159	3288
Patents By Year of Application:	707	226	521	483	276	227	121	94	134	173	126	120	70	8	2	3288
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	593	48	46	80	122	161	178	196	207	178	224	218	260	274	465	3250
Patents By Year of Application:	711	101	129	140	224	219	298	261	244	234	299	241	123	21	5	3250
HUGHES AIRCRAFT COMPANY																
Patents By Year of Grant:	3034	130	50	6	1	0	0	0	0	0	1	0	0	0	0	3222
Patents By Year of Application:	3219	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3222
ILLINOIS TOOL WORKS INC.																
Patents By Year of Grant:	538	93	125	99	143	184	154	215	227	250	193	228	205	165	192	3011
Patents By Year of Application:	729	112	138	172	207	240	290	277	233	234	171	113	69	21	5	3011
BLACK & DECKER INC.																
Patents By Year of Grant:	591	126	141	118	122	158	135	151	129	131	247	237	267	210	196	2959
Patents By Year of Application:	809	154	113	143	124	170	179	196	239	221	217	203	132	51	8	2959
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	1403	165	277	307	260	252	259	18	5	1	0	0	0	0	0	2947
Patents By Year of Application:	1843	308	263	258	182	85	8	0	0	0	0	0	0	0	0	2947
CORNING INCORPORATED																
Patents By Year of Grant:	836	78	72	103	112	215	250	259	237	114	135	129	97	122	183	2942
Patents By Year of Application:	991	107	126	266	259	273	235	150	123	120	109	115	50	16	2	2942

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	1046	102	139	145	114	128	136	127	132	136	140	141	134	135	177	2932
Patents By Year of Application:	1374	128	150	156	152	151	174	173	125	133	130	52	31	3	0	2932
RAYTHEON COMPANY																
Patents By Year of Grant:	666	20	117	219	205	182	158	184	176	145	207	126	123	167	205	2900
Patents By Year of Application:	958	237	144	137	157	180	213	198	186	170	132	114	58	15	1	2900
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	0	0	0	0	59	286	323	399	428	280	255	162	186	199	279	2856
Patents By Year of Application:	30	30	189	313	386	507	344	353	189	163	145	130	61	15	1	2856
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
Patents By Year of Grant:	2267	69	63	53	57	69	45	43	40	22	22	23	17	23	38	2851
Patents By Year of Application:	2422	56	55	48	58	43	43	31	19	19	21	21	11	3	1	2851
NIKE, INC.																
Patents By Year of Grant:	532	173	220	123	101	66	87	83	130	137	354	261	229	147	207	2850
Patents By Year of Application:	732	163	126	92	102	75	130	148	238	230	261	276	138	97	42	2850
DEERE + COMPANY																
Patents By Year of Grant:	927	59	71	99	82	146	145	178	166	155	153	160	138	148	204	2831
Patents By Year of Application:	1030	88	86	134	162	197	192	190	159	209	168	117	76	23	0	2831
AISIN SEIKI KABUSHIKI KAISHA																
Patents By Year of Grant:	1290	74	116	137	110	110	131	109	115	90	103	97	96	109	110	2797
Patents By Year of Application:	1481	129	124	120	93	153	123	109	117	124	116	67	31	10	0	2797
SHIN ETSU CHEMICAL CO., LTD.																
Patents By Year of Grant:	1122	97	96	97	111	128	134	136	166	119	107	97	93	134	158	2795
Patents By Year of Application:	1319	91	116	108	167	178	166	152	131	115	115	85	44	8	0	2795
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	483	79	98	108	134	160	141	162	124	132	134	172	199	248	362	2736
Patents By Year of Application:	664	148	136	132	156	165	185	166	158	208	217	254	132	14	1	2736
FORD GLOBAL TECHNOLOGIES, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	0	0	206	363	286	370	410	384	311	393	2723
Patents By Year of Application:	0	0	1	10	77	160	415	365	348	400	447	298	158	36	8	2723
PFIZER INC.																
Patents By Year of Grant:	841	102	120	119	165	176	187	196	166	163	140	109	77	77	74	2712
Patents By Year of Application:	1075	133	110	232	227	201	189	198	127	97	60	36	20	7	0	2712

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	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
DAIMLER-CHRYSLER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	89	387	485	362	293	283	223	266	195	87	2	1	2673
Patents By Year of Application:	31	125	277	506	390	346	337	235	178	137	64	42	5	0	0	2673
NCR CORPORATION																
Patents By Year of Grant:	960	83	176	192	143	140	164	168	129	84	113	103	79	72	52	2658
Patents By Year of Application:	1306	235	178	188	198	179	128	52	60	71	38	15	9	1	0	2658
LOCKHEED MARTIN CORPORATION																
Patents By Year of Grant:	20	49	109	121	178	159	193	224	203	202	229	244	209	215	300	2655
Patents By Year of Application:	244	107	164	188	215	282	289	287	236	231	206	117	77	10	2	2655
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION																
Patents By Year of Grant:	1420	97	95	93	97	92	85	80	102	87	62	70	66	86	101	2633
Patents By Year of Application:	1634	95	102	72	104	94	115	94	80	86	73	51	25	8	0	2633
ABBOTT LABORATORIES																
Patents By Year of Grant:	1063	200	175	159	135	129	115	115	67	48	75	58	78	76	108	2601
Patents By Year of Application:	1513	164	136	133	111	102	81	83	77	50	74	52	18	7	0	2601
ELI LILLY AND COMPANY																
Patents By Year of Grant:	1071	223	182	189	162	115	123	91	59	48	61	69	64	69	67	2593
Patents By Year of Application:	1494	219	159	113	100	114	116	102	57	53	28	18	11	9	0	2593
CASIO COMPUTER CO. LTD.																
Patents By Year of Grant:	1066	86	129	140	127	102	82	46	58	67	87	125	112	180	176	2583
Patents By Year of Application:	1272	141	145	99	101	61	44	102	150	175	137	107	34	11	4	2583
NGK INSULATORS LTD.																
Patents By Year of Grant:	839	81	92	123	116	132	162	148	144	105	125	116	128	124	138	2573
Patents By Year of Application:	1038	137	136	140	143	157	199	145	139	114	77	86	43	19	0	2573
HALLIBURTON ENERGY SERVICES, INC.																
Patents By Year of Grant:	3	25	75	115	140	170	167	186	212	193	282	284	224	205	268	2549
Patents By Year of Application:	95	128	153	159	165	202	298	280	355	271	186	145	80	30	2	2549
BRIDGESTONE CORPORATION																
Patents By Year of Grant:	1023	85	94	112	108	163	143	112	120	70	68	83	106	110	151	2548
Patents By Year of Application:	1225	131	152	135	146	129	118	113	91	101	82	52	39	30	4	2548
UNITED STATES OF AMERICA, AIR FORCE																
Patents By Year of Grant:	1560	94	84	91	84	106	76	68	55	55	49	43	46	51	46	2508
Patents By Year of Application:	1768	83	92	85	78	76	74	56	51	66	33	26	18	2	0	2508

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
UNITED STATES OF AMERICA, DEPARTMENT OF HEALTH & HUMAN SERVICES																
Patents By Year of Grant:	722	152	174	142	97	103	92	87	118	81	122	100	110	110	136	2346
Patents By Year of Application:	1243	107	80	109	137	165	141	115	76	68	50	37	17	1	0	2346
NEC ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	263	264	214	207	261	267	386	477	2339
Patents By Year of Application:	0	2	8	47	137	213	256	259	229	381	358	257	153	38	1	2339
PHILLIPS PETROLEUM COMPANY																
Patents By Year of Grant:	1723	76	75	72	113	89	82	48	15	9	11	3	2	1	0	2319
Patents By Year of Application:	1899	70	120	90	74	28	14	18	4	2	0	0	0	0	0	2319
COLGATE-PALMOLIVE COMPANY																
Patents By Year of Grant:	806	95	141	164	137	128	181	157	84	57	83	49	59	81	89	2311
Patents By Year of Application:	1026	141	104	124	126	148	166	141	65	69	37	49	66	49	0	2311
SAMSUNG SDI CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	26	108	118	150	125	162	315	432	422	440	2298
Patents By Year of Application:	0	0	6	31	161	137	195	218	461	545	353	139	38	13	1	2298
UOP																
Patents By Year of Grant:	1112	60	88	107	104	84	95	67	68	46	58	51	104	96	143	2283
Patents By Year of Application:	1255	92	111	121	93	80	82	58	72	84	74	99	39	23	0	2283
TRW INC.																
Patents By Year of Grant:	798	101	144	200	275	309	227	134	51	26	14	1	1	0	0	2281
Patents By Year of Application:	1091	221	269	284	224	145	46	1	0	0	0	0	0	0	0	2281
SUMITOMO WIRING SYSTEMS, LTD.																
Patents By Year of Grant:	439	122	132	143	154	152	192	167	164	114	134	106	63	85	82	2249
Patents By Year of Application:	698	155	116	136	163	180	157	158	114	105	90	70	72	35	0	2249
DIGITAL EQUIPMENT CORPORATION																
Patents By Year of Grant:	1648	133	169	133	93	15	0	0	0	0	0	0	0	0	0	2191
Patents By Year of Application:	1997	139	50	5	0	0	0	0	0	0	0	0	0	0	0	2191
FREESCALE SEMICONDUCTOR, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	134	256	287	322	322	368	489	2178
Patents By Year of Application:	0	1	0	8	46	80	224	292	266	430	385	268	135	38	5	2178
COMMISSARIAT A L'ENERGIE ATOMIQUE																
Patents By Year of Grant:	803	79	88	81	62	83	87	82	89	83	92	92	98	135	210	2164
Patents By Year of Application:	979	93	63	104	100	122	152	146	116	109	71	68	38	2	1	2164

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>PITNEY-BOWES, INC.</b>																
Patents By Year of Grant:	900	85	124	98	83	81	83	91	117	96	87	64	83	81	82	2155
Patents By Year of Application:	1169	105	84	134	95	115	119	95	70	70	52	32	13	2	0	2155
<b>HARRIS CORP.</b>																
Patents By Year of Grant:	758	118	126	123	70	94	82	71	89	122	96	91	98	107	107	2152
Patents By Year of Application:	1029	99	99	88	89	88	121	156	91	83	121	60	23	5	0	2152
<b>BECTON, DICKINSON AND COMPANY</b>																
Patents By Year of Grant:	717	155	164	137	127	128	99	121	86	63	68	49	60	67	104	2145
Patents By Year of Application:	1030	160	111	139	109	131	129	122	64	36	30	35	24	17	8	2145
<b>INSTITUT FRANCAIS DU PETROLE</b>																
Patents By Year of Grant:	735	86	143	112	161	154	119	113	79	57	70	90	74	71	75	2139
Patents By Year of Application:	973	157	147	150	152	121	101	84	84	66	64	29	10	1	0	2139
<b>LG. PHILIPS LCD CO., LTD.</b>																
Patents By Year of Grant:	0	0	0	1	10	69	151	222	304	320	382	418	251	1	1	2130
Patents By Year of Application:	5	9	56	104	251	323	398	397	408	130	39	10	0	0	0	2130
<b>VICTOR COMPANY OF JAPAN, LIMITED</b>																
Patents By Year of Grant:	915	64	77	79	82	63	62	65	89	76	96	109	128	115	100	2120
Patents By Year of Application:	1080	89	93	72	71	107	58	95	99	81	91	83	70	29	2	2120
<b>DELL PRODUCTS, L.P.</b>																
Patents By Year of Grant:	183	96	109	85	95	132	109	131	134	132	129	158	178	242	204	2117
Patents By Year of Application:	395	118	94	208	135	150	111	173	136	183	169	128	84	31	2	2117
<b>HOFFMANN-LA ROCHE INC.</b>																
Patents By Year of Grant:	944	79	72	70	62	77	73	84	63	51	78	100	103	116	116	2088
Patents By Year of Application:	1094	66	57	64	83	96	80	88	106	105	114	72	51	11	1	2088
<b>AIR PRODUCTS AND CHEMICALS, INC.</b>																
Patents By Year of Grant:	1033	72	80	86	104	84	74	98	72	57	67	66	71	59	61	2084
Patents By Year of Application:	1170	87	97	100	73	90	110	107	76	69	57	34	13	1	0	2084
<b>YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.</b>																
Patents By Year of Grant:	673	76	131	103	105	94	74	62	54	62	84	106	115	168	177	2084
Patents By Year of Application:	902	125	97	89	70	49	73	80	88	155	140	136	69	11	0	2084
<b>GM Global Technology Operations, Inc.</b>																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	33	196	323	560	971	2083
Patents By Year of Application:	0	0	0	0	0	0	6	9	60	480	535	620	294	70	9	2083



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	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
KAO KABUSHIKI KAISHA (KAO CORPORATION)																
Patents By Year of Grant:	698	109	131	98	84	94	94	92	96	87	102	78	80	91	118	2052
Patents By Year of Application:	944	114	113	72	110	159	139	125	107	82	38	24	18	6	1	2052
COMPAQ COMPUTER CORPORATION, INC.																
Patents By Year of Grant:	517	132	250	267	321	365	166	24	0	0	0	0	0	0	0	2042
Patents By Year of Application:	1050	373	407	131	68	12	1	0	0	0	0	0	0	0	0	2042
HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	59	127	188	295	323	321	386	340	2039
Patents By Year of Application:	0	1	9	7	40	120	150	300	400	461	319	172	55	4	1	2039
HEIDELBERGER DRUCKMASCHINEN AG																
Patents By Year of Grant:	556	88	129	96	122	94	158	248	205	89	49	52	56	49	44	2035
Patents By Year of Application:	773	108	139	145	208	224	156	90	53	63	36	20	16	3	1	2035
ALTERA CORPORATION																
Patents By Year of Grant:	109	29	51	70	96	115	87	67	88	122	202	268	260	222	244	2030
Patents By Year of Application:	205	103	89	85	80	104	154	215	291	266	202	139	77	20	0	2030
UNIVERSITY OF TEXAS																
Patents By Year of Grant:	690	81	96	91	89	89	91	94	99	89	109	90	79	98	122	2007
Patents By Year of Application:	960	95	85	100	118	121	115	125	87	66	60	45	25	4	1	2007
WARNER-LAMBERT COMPANY																
Patents By Year of Grant:	1131	91	67	85	96	85	80	74	75	78	77	42	13	3	8	2005
Patents By Year of Application:	1291	74	103	97	76	85	95	75	70	21	16	2	0	0	0	2005
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN (HENKEL KGAA)																
Patents By Year of Grant:	1020	73	88	86	70	104	76	69	73	40	59	80	62	39	54	1993
Patents By Year of Application:	1213	88	80	103	78	77	74	51	66	57	53	35	12	6	0	1993
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	0	0	4	57	145	237	268	219	165	160	161	168	144	108	151	1987
Patents By Year of Application:	34	48	160	238	270	265	195	215	166	154	118	74	46	4	0	1987
IMPERIAL CHEMICAL INDUSTRIES PLC																
Patents By Year of Grant:	1632	61	63	45	41	39	25	17	15	15	9	3	2	6	5	1978
Patents By Year of Application:	1781	41	35	39	21	17	25	4	6	3	1	0	5	0	0	1978
NORTHROP GRUMMAN CORPORATION																
Patents By Year of Grant:	169	104	198	164	133	88	97	152	175	145	162	134	114	96	35	1966
Patents By Year of Application:	472	184	146	117	151	168	142	189	139	144	90	18	4	1	1	1966

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
EMC CORPORATION																
Patents By Year of Grant:	49	21	60	69	79	91	101	135	131	131	161	173	193	250	309	1953
Patents By Year of Application:	182	102	101	127	176	190	163	147	220	173	248	109	13	2	0	1953
NOKIA MOBILE PHONES LTD.																
Patents By Year of Grant:	236	52	138	204	219	236	265	204	166	104	96	16	5	5	3	1949
Patents By Year of Application:	512	269	264	283	356	221	21	9	9	5	0	0	0	0	0	1949
DAIMLER-BENZ AKTIENGESELLSCHAFT																
Patents By Year of Grant:	1208	172	279	218	38	18	2	1	0	0	0	0	0	0	0	1936
Patents By Year of Application:	1590	237	105	3	0	1	0	0	0	0	0	0	0	0	0	1936
MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG																
Patents By Year of Grant:	551	63	99	56	75	79	107	130	107	88	100	105	100	107	159	1926
Patents By Year of Application:	752	60	66	87	124	177	185	143	134	83	53	40	14	8	0	1926
SEIKO INSTRUMENTS INC.																
Patents By Year of Grant:	436	60	67	79	98	151	192	184	142	61	75	79	70	108	112	1914
Patents By Year of Application:	620	76	113	156	173	171	121	88	74	88	86	80	48	16	4	1914
ERICSSON, INC.																
Patents By Year of Grant:	37	70	211	297	332	272	254	181	109	59	46	24	9	2	1	1904
Patents By Year of Application:	493	370	383	335	166	110	33	8	5	0	1	0	0	0	0	1904
EXXON RESEARCH + ENGINEERING CO.																
Patents By Year of Grant:	1415	74	106	122	101	73	10	1	1	0	0	0	0	0	0	1903
Patents By Year of Application:	1591	120	118	65	8	1	0	0	0	0	0	0	0	0	0	1903
FORD GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	86	315	259	260	364	396	151	7	5	2	5	3	6	41	1900
Patents By Year of Application:	349	293	265	280	413	189	51	5	8	15	9	13	6	4	0	1900
AGERE SYSTEMS INC.																
Patents By Year of Grant:	0	0	0	0	0	18	52	316	274	168	240	193	182	211	235	1889
Patents By Year of Application:	3	8	46	233	254	281	182	175	207	182	175	88	50	5	0	1889
FANUC LTD.																
Patents By Year of Grant:	1104	51	71	51	47	53	38	27	29	49	91	93	71	47	62	1884
Patents By Year of Application:	1224	69	61	54	28	27	32	66	92	100	66	42	22	1	0	1884
DOW CORNING CORPORATION																
Patents By Year of Grant:	1161	89	108	106	76	58	51	47	47	15	16	10	22	29	48	1883
Patents By Year of Application:	1359	89	88	64	44	58	55	29	40	31	16	5	2	3	0	1883

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
STANFORD UNIVERSITY																
Patents By Year of Grant:	538	64	79	84	103	85	102	86	76	90	98	85	121	110	155	1876
Patents By Year of Application:	728	93	107	112	96	125	112	118	84	79	90	92	34	6	0	1876
CALIFORNIA INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	359	46	94	100	103	125	111	139	138	102	115	116	96	93	134	1871
Patents By Year of Application:	557	96	131	138	155	182	127	109	100	106	88	53	28	1	0	1871
OLYMPUS CORPORATION																
Patents By Year of Grant:	8	0	0	0	0	0	0	5	203	180	275	272	296	289	331	1859
Patents By Year of Application:	9	0	12	16	42	63	213	316	402	320	231	144	72	18	1	1859
CHRYSLER MOTORS CORPORATION																
Patents By Year of Grant:	1069	147	188	240	156	35	6	0	0	0	0	0	0	0	0	1841
Patents By Year of Application:	1406	218	197	15	5	0	0	0	0	0	0	0	0	0	0	1841
PIONEER HI-BRED INTERNATIONAL, INC.																
Patents By Year of Grant:	129	26	108	99	113	115	62	71	130	116	134	205	142	206	181	1837
Patents By Year of Application:	260	81	124	159	141	78	99	104	151	149	134	182	127	40	8	1837
PIONEER CORPORATION																
Patents By Year of Grant:	0	0	0	0	3	50	133	205	259	221	274	227	163	143	156	1834
Patents By Year of Application:	0	1	6	116	233	313	331	279	213	210	85	35	8	2	2	1834
AMERICAN CYANAMID COMPANY																
Patents By Year of Grant:	1312	108	114	112	66	69	32	10	3	1	0	0	0	0	0	1827
Patents By Year of Application:	1565	81	61	72	42	6	0	0	0	0	0	0	0	0	0	1827
TEKTRONIX INC.																
Patents By Year of Grant:	1021	57	73	105	60	57	61	55	58	54	38	50	52	41	44	1826
Patents By Year of Application:	1154	102	113	32	71	64	59	47	54	54	41	25	10	0	0	1826
SCI-MED LIFE SYSTEMS, INC.																
Patents By Year of Grant:	162	32	54	83	148	180	223	312	252	139	114	59	28	17	9	1812
Patents By Year of Application:	270	114	170	229	290	335	209	129	43	15	4	3	1	0	0	1812
GENENTECH, INC.																
Patents By Year of Grant:	265	82	133	53	78	66	69	71	62	70	147	282	226	86	120	1810
Patents By Year of Application:	583	77	75	51	91	197	434	52	51	65	76	31	22	4	1	1810
LEXMARK INTERNATIONAL, INC.																
Patents By Year of Grant:	123	33	60	113	134	139	121	128	108	91	118	168	148	127	182	1793
Patents By Year of Application:	229	130	91	128	154	144	127	147	237	185	111	90	19	1	0	1793

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
SUMITOMO RUBBER INDUSTRIES, LTD.																
Patents By Year of Grant:	621	69	83	71	84	91	88	130	129	79	73	69	61	65	79	1792
Patents By Year of Application:	775	93	95	98	109	128	128	92	69	78	71	31	12	7	6	1792
CYPRESS SEMICONDUCTOR CORP.																
Patents By Year of Grant:	77	51	105	116	113	107	123	185	175	149	161	115	106	62	137	1782
Patents By Year of Application:	267	153	100	126	195	267	240	27	154	85	100	51	15	2	0	1782
ROCKWELL INTERNATIONAL CORPORATION																
Patents By Year of Grant:	1501	75	77	68	11	6	1	1	0	0	0	0	0	0	0	1740
Patents By Year of Application:	1683	45	8	3	0	1	0	0	0	0	0	0	0	0	0	1740
SMITHKLINE BEECHAM CORPORATION																
Patents By Year of Grant:	108	72	98	191	197	256	211	140	90	56	81	78	70	63	12	1723
Patents By Year of Application:	289	260	218	224	167	165	163	91	53	31	30	17	13	2	0	1723
WHITAKER CORPORATION																
Patents By Year of Grant:	670	198	223	231	258	79	39	8	3	1	3	0	0	1	0	1714
Patents By Year of Application:	1074	278	230	103	22	5	1	1	0	0	0	0	0	0	0	1714
ANALOG DEVICES, INC.																
Patents By Year of Grant:	308	77	70	65	55	64	68	117	118	129	141	142	123	85	142	1704
Patents By Year of Application:	472	58	66	71	84	118	178	126	157	128	95	81	57	12	1	1704
ROHM AND HAAS COMPANY																
Patents By Year of Grant:	714	63	71	86	78	95	76	83	86	61	77	55	46	48	55	1694
Patents By Year of Application:	859	79	85	93	89	105	102	95	46	48	42	27	22	1	1	1694
HYUNDAI MOTOR COMPANY																
Patents By Year of Grant:	92	72	92	93	60	118	152	106	111	119	133	109	105	129	201	1692
Patents By Year of Application:	265	111	31	99	172	103	164	156	114	141	130	99	78	25	4	1692
NORTHERN TELECOM LIMITED																
Patents By Year of Grant:	1060	68	208	249	72	19	11	2	1	0	0	0	0	0	0	1690
Patents By Year of Application:	1398	226	63	3	0	0	0	0	0	0	0	0	0	0	0	1690
AMP INCORPORATED																
Patents By Year of Grant:	1664	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1664
Patents By Year of Application:	1664	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1664
AGFA-GEVAERT N.V.																
Patents By Year of Grant:	510	115	140	128	174	140	104	81	71	46	65	44	17	6	6	1647
Patents By Year of Application:	786	133	164	132	106	87	78	83	38	28	9	3	0	0	0	1647

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	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
FUJINON CORPORATION (FORMERLY FUJI PHOTO OPTICAL CO. LTD.)																
Patents By Year of Grant:	207	76	102	86	114	96	126	130	125	82	95	82	81	115	115	1632
Patents By Year of Application:	349	107	93	131	129	123	134	114	99	98	99	83	53	19	1	1632
BAXTER INTERNATIONAL INC.																
Patents By Year of Grant:	774	68	99	102	78	79	56	71	50	53	63	33	27	21	53	1627
Patents By Year of Application:	1001	99	88	71	57	68	96	52	15	27	22	19	9	2	1	1627
TOYODA GOSEI KABUSHIKI KAISHA																
Patents By Year of Grant:	477	52	75	67	58	50	84	87	88	116	91	108	80	88	92	1613
Patents By Year of Application:	614	69	67	45	89	97	133	118	117	92	74	57	37	3	1	1613
LG Display Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	274	597	738	1609
Patents By Year of Application:	0	0	1	1	7	25	36	63	259	431	507	168	71	38	2	1609
RESEARCH IN MOTION LIMITED																
Patents By Year of Grant:	3	3	6	5	9	9	20	20	17	27	132	148	237	390	580	1606
Patents By Year of Application:	14	6	6	12	20	47	59	93	295	307	288	175	115	159	10	1606
AMOCO CORPORATION																
Patents By Year of Grant:	1465	56	67	16	0	0	0	0	0	0	0	0	0	0	0	1604
Patents By Year of Application:	1581	22	1	0	0	0	0	0	0	0	0	0	0	0	0	1604
WISCONSIN ALUMNI RESEARCH FOUNDATION																
Patents By Year of Grant:	386	62	83	86	64	74	80	85	64	77	101	91	90	116	139	1598
Patents By Year of Application:	537	84	71	93	94	118	112	92	104	102	94	61	32	4	0	1598
MOLEX INCORPORATED																
Patents By Year of Grant:	563	72	81	93	111	108	73	42	92	74	91	51	53	32	55	1591
Patents By Year of Application:	711	106	104	99	86	54	69	92	86	80	42	30	21	8	3	1591
PORSCHKE AG																
Patents By Year of Grant:	502	53	42	70	49	67	85	75	80	78	78	74	72	136	116	1577
Patents By Year of Application:	594	79	46	46	67	97	93	80	79	85	66	147	53	42	3	1577
STMICROELECTRONICS S.A.																
Patents By Year of Grant:	0	0	1	22	78	109	138	148	150	136	170	158	140	153	174	1577
Patents By Year of Application:	10	3	103	171	195	141	208	187	163	137	138	89	27	5	0	1577
CARRIER CORPORATION																
Patents By Year of Grant:	595	41	69	66	109	98	84	90	77	77	75	73	42	22	41	1559
Patents By Year of Application:	705	66	105	74	95	97	100	99	126	40	36	10	6	0	0	1559

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
CARDIAC PACEMAKERS, INC.																
Patents By Year of Grant:	102	12	20	27	63	71	94	112	89	110	136	154	148	182	238	1558
Patents By Year of Application:	127	31	70	102	142	164	158	186	193	190	115	55	18	5	2	1558
SAP AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	0	2	7	7	2	9	20	55	150	256	386	652	1546
Patents By Year of Application:	0	0	12	4	3	19	162	294	431	313	184	98	23	3	0	1546
CIBA SPECIALTY CHEMICALS CORPORATION																
Patents By Year of Grant:	0	23	164	182	158	114	142	124	99	88	114	91	69	74	82	1524
Patents By Year of Application:	177	190	176	103	138	162	183	156	96	58	43	21	13	8	0	1524
THOMSON-CSF																
Patents By Year of Grant:	1160	52	66	67	47	46	46	21	12	2	2	0	0	0	0	1521
Patents By Year of Application:	1298	63	55	42	42	19	0	2	0	0	0	0	0	0	0	1521
MONSANTO COMPANY, INC.																
Patents By Year of Grant:	1075	99	77	83	78	63	11	11	6	4	2	0	1	0	0	1510
Patents By Year of Application:	1275	92	55	55	18	9	5	1	0	0	0	0	0	0	0	1510
DAI NIPPON PRINTING CO. LTD																
Patents By Year of Grant:	159	61	103	86	105	87	78	91	113	86	103	90	93	116	124	1495
Patents By Year of Application:	350	101	97	103	75	130	131	149	111	116	67	45	16	3	1	1495
FUJI ELECTRIC CO., LTD.																
Patents By Year of Grant:	757	95	92	110	72	53	57	77	74	49	35	12	6	1	0	1490
Patents By Year of Application:	955	92	71	50	77	87	79	55	11	8	2	3	0	0	0	1490
BAYERISCHE MOTOREN WERKE AG																
Patents By Year of Grant:	204	30	48	68	61	86	82	85	89	91	118	100	134	136	157	1489
Patents By Year of Application:	280	53	85	76	95	94	84	82	78	100	151	133	77	80	21	1489
DEGUSSA AKTIENGESELLSCHAFT																
Patents By Year of Grant:	609	48	63	49	21	39	86	102	117	86	90	66	48	43	21	1488
Patents By Year of Application:	714	65	33	45	66	183	136	110	68	43	19	2	3	1	0	1488
VISTEON GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	1	30	206	188	243	274	193	138	80	42	49	41	1485
Patents By Year of Application:	4	16	54	176	201	273	301	209	93	77	32	38	11	0	0	1485
SHIMANO INC.																
Patents By Year of Grant:	218	45	68	83	100	97	98	90	65	101	138	101	87	77	111	1479
Patents By Year of Application:	324	115	73	83	98	99	95	123	121	135	94	52	33	19	15	1479

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
NIPPON STEEL CORP.																
Patents By Year of Grant:	744	89	94	67	56	51	62	59	41	45	28	26	23	26	64	1475
Patents By Year of Application:	941	84	52	58	54	64	75	53	42	20	15	12	4	0	1	1475
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	425	47	64	68	54	85	82	106	93	59	76	49	75	69	120	1472
Patents By Year of Application:	540	83	66	80	77	101	110	68	68	83	70	68	44	13	1	1472
TEXACO INC.																
Patents By Year of Grant:	1203	25	34	35	43	25	22	19	13	6	9	13	9	7	8	1471
Patents By Year of Application:	1270	32	48	23	17	28	16	13	13	4	6	0	1	0	0	1471
DAIKIN INDUSTRIES LIMITED																
Patents By Year of Grant:	438	52	60	43	60	83	68	66	78	59	63	75	75	102	145	1467
Patents By Year of Application:	553	59	73	77	68	93	111	102	94	89	41	36	31	39	1	1467
3COM CORPORATION																
Patents By Year of Grant:	53	22	37	93	161	229	196	200	182	89	83	33	34	31	22	1465
Patents By Year of Application:	131	151	278	343	270	147	65	41	21	10	6	1	1	0	0	1465
NIPPON TELEGRAPH & TELEPHONE CORP.																
Patents By Year of Grant:	531	67	89	58	67	79	56	65	65	52	76	64	57	64	71	1461
Patents By Year of Application:	701	89	87	81	79	63	86	76	95	52	28	13	8	3	0	1461
SAMSUNG ELECTRO-MECHANICS CO., LTD.																
Patents By Year of Grant:	31	18	48	29	21	37	49	83	83	85	131	158	178	231	272	1454
Patents By Year of Application:	101	35	14	45	27	89	95	128	159	174	246	202	121	18	0	1454
MACRONIX INTERNATIONAL CO., LTD.																
Patents By Year of Grant:	16	14	23	31	32	39	123	183	162	101	109	130	136	161	191	1451
Patents By Year of Application:	54	30	26	44	37	208	218	148	136	138	184	150	67	11	0	1451
FUJI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	731	37	40	32	44	56	51	85	87	45	63	48	35	40	48	1442
Patents By Year of Application:	801	42	46	51	58	95	77	76	75	49	31	26	14	1	0	1442
SCHERING CORP.																
Patents By Year of Grant:	413	71	78	81	53	72	63	64	44	58	72	68	73	98	113	1421
Patents By Year of Application:	610	68	55	67	60	79	84	79	70	76	92	48	25	7	1	1421
SYMBOL TECHNOLOGIES, INC.																
Patents By Year of Grant:	227	47	66	67	55	39	52	66	92	72	130	141	143	112	109	1418
Patents By Year of Application:	357	71	61	40	92	103	102	111	136	127	113	82	18	4	1	1418

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
EXXON CHEMICALS PATENTS INC.																
Patents By Year of Grant:	875	115	119	112	111	69	6	6	3	0	0	1	0	0	0	1417
Patents By Year of Application:	1124	166	84	38	4	1	0	0	0	0	0	0	0	0	0	1417
BASF CORP.																
Patents By Year of Grant:	618	92	97	89	82	58	83	55	45	39	31	28	21	24	42	1404
Patents By Year of Application:	832	107	68	60	72	67	52	33	33	37	20	9	8	6	0	1404
EMERSON ELECTRIC CO.																
Patents By Year of Grant:	495	43	62	73	83	83	63	60	80	42	79	65	56	60	59	1403
Patents By Year of Application:	600	70	86	81	68	65	91	69	65	69	58	31	36	10	4	1403
WHIRLPOOL CORPORATION																
Patents By Year of Grant:	507	21	43	38	39	24	53	78	51	61	74	129	83	88	112	1401
Patents By Year of Application:	557	53	19	33	35	70	88	87	98	138	110	44	37	27	5	1401
W. R. GRACE & CO.-CONN.																
Patents By Year of Grant:	1041	74	56	28	16	30	28	23	23	24	16	10	8	7	10	1394
Patents By Year of Application:	1178	34	21	19	23	30	29	27	13	9	5	1	5	0	0	1394
MATSUSHITA ELECTRIC WORKS, LTD.																
Patents By Year of Grant:	491	25	54	69	65	56	54	66	68	82	102	98	104	40	12	1386
Patents By Year of Application:	565	77	68	48	76	82	90	78	108	86	52	51	5	0	0	1386
AU OPTRONICS CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	12	40	78	107	168	181	183	240	366	1375
Patents By Year of Application:	0	0	0	2	14	49	50	209	231	226	258	175	116	35	10	1375
HOECHST CELANESE CORPORATION																
Patents By Year of Grant:	1189	75	69	25	10	3	0	0	0	0	0	0	0	0	0	1371
Patents By Year of Application:	1327	39	3	2	0	0	0	0	0	0	0	0	0	0	0	1371
TAKEDA CHEMICAL INDUSTRIES LTD.																
Patents By Year of Grant:	784	77	73	80	71	102	64	46	39	18	10	2	3	1	0	1370
Patents By Year of Application:	987	70	49	93	65	48	45	9	2	1	1	0	0	0	0	1370
MITSUBISHI HEAVY INDUSTRIES, LTD.																
Patents By Year of Grant:	3	0	14	88	150	167	140	155	121	110	69	72	81	82	114	1366
Patents By Year of Application:	3	84	179	181	124	164	201	103	91	64	79	62	22	8	1	1366
KOHLER CO.																
Patents By Year of Grant:	399	32	43	38	32	48	42	61	71	74	115	102	109	97	100	1363
Patents By Year of Application:	458	40	21	35	59	47	61	70	114	111	101	87	73	71	15	1363



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	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
ADVANTEST CORP.																
Patents By Year of Grant:	106	41	80	76	75	104	123	93	73	52	86	93	110	113	137	1362
Patents By Year of Application:	227	90	103	134	100	94	63	80	99	107	109	97	48	11	0	1362
ASML NETHERLANDS B.V.																
Patents By Year of Grant:	5	1	1	3	7	7	34	33	64	92	211	205	273	206	218	1360
Patents By Year of Application:	8	5	9	16	39	38	66	171	440	237	210	78	35	7	1	1360
ACUSHNET COMPANY																
Patents By Year of Grant:	81	27	45	40	43	60	62	99	110	98	164	136	139	122	127	1353
Patents By Year of Application:	145	46	48	63	61	93	131	138	152	133	103	92	102	39	7	1353
NSK LIMITED																
Patents By Year of Grant:	208	67	60	59	71	117	117	105	111	88	90	93	91	43	31	1351
Patents By Year of Application:	331	80	84	105	107	147	137	138	100	63	32	26	1	0	0	1351
ORACLE INTERNATIONAL CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	2	36	94	93	174	170	201	203	372	1345
Patents By Year of Application:	0	4	3	36	110	194	225	216	196	164	99	84	14	0	0	1345
NESTEC, S.A.																
Patents By Year of Grant:	507	45	67	108	76	97	67	73	59	47	35	38	20	38	62	1339
Patents By Year of Application:	653	85	85	71	111	91	70	58	52	26	14	13	6	4	0	1339
DANA CORPORATION																
Patents By Year of Grant:	494	79	82	88	103	97	77	70	86	56	49	34	12	0	0	1327
Patents By Year of Application:	679	88	80	112	63	103	77	77	22	24	2	0	0	0	0	1327
BRITISH TELECOMMUNICATION, PLC																
Patents By Year of Grant:	551	37	74	80	72	94	58	48	32	31	40	57	45	49	53	1321
Patents By Year of Application:	722	83	184	39	75	82	49	36	27	11	9	4	0	0	0	1321
FURUKAWA ELECTRIC CO., LTD.																
Patents By Year of Grant:	349	26	41	53	41	52	85	134	162	100	63	45	39	54	76	1320
Patents By Year of Application:	423	61	40	51	98	184	154	87	38	44	38	36	56	9	1	1320
EXXONMOBIL CHEMICAL PATENTS INC.																
Patents By Year of Grant:	0	0	0	0	0	58	126	100	88	113	154	166	159	142	211	1317
Patents By Year of Application:	16	17	18	72	122	94	163	219	144	183	127	95	36	11	0	1317
DAEWOO ELECTRONICS COMPANY, LTD.																
Patents By Year of Grant:	209	216	320	279	123	55	15	4	7	12	12	13	17	17	15	1314
Patents By Year of Application:	733	282	175	20	7	7	10	8	26	17	16	7	5	1	0	1314

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
FMC CORPORATION																
Patents By Year of Grant:	802	72	99	81	75	52	47	17	17	10	6	4	3	10	17	1312
Patents By Year of Application:	971	96	69	49	55	19	17	8	9	5	7	4	3	0	0	1312
NITTO DENKO CORPORATION																
Patents By Year of Grant:	143	31	35	41	56	70	74	78	90	84	109	101	112	126	161	1311
Patents By Year of Application:	221	48	54	78	93	109	121	119	143	118	78	63	50	16	0	1311
ROLLS-ROYCE PLC																
Patents By Year of Grant:	485	34	26	36	43	42	42	56	54	50	87	76	86	74	119	1310
Patents By Year of Application:	545	49	36	43	44	53	65	81	115	122	85	45	22	5	0	1310
JOHNS HOPKINS UNIVERSITY																
Patents By Year of Grant:	255	47	79	98	74	80	81	71	94	72	91	62	67	57	71	1299
Patents By Year of Application:	456	68	103	91	86	100	104	114	76	28	33	24	11	4	1	1299
EBARA CORPORATION																
Patents By Year of Grant:	220	54	75	78	75	83	123	97	97	81	80	82	57	45	42	1289
Patents By Year of Application:	360	98	79	71	145	138	98	96	79	47	30	31	14	2	1	1289
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	463	22	45	64	57	68	59	92	100	54	59	46	52	48	58	1287
Patents By Year of Application:	531	75	61	74	66	97	99	70	65	50	44	38	16	1	0	1287
JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	777	73	71	57	71	65	55	54	23	9	11	3	0	0	1	1270
Patents By Year of Application:	922	72	56	63	117	8	16	8	7	1	0	0	0	0	0	1270
LAM RESEARCH CORPORATION																
Patents By Year of Grant:	30	17	42	45	78	103	107	133	103	125	111	90	74	93	117	1268
Patents By Year of Application:	124	60	58	109	148	124	135	141	117	92	80	54	22	4	0	1268
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.)																
Patents By Year of Grant:	531	42	67	60	52	62	58	59	53	24	50	38	48	51	65	1260
Patents By Year of Application:	646	75	39	64	58	66	67	55	55	55	39	21	14	6	0	1260
EASTMAN CHEMICAL COMPANY																
Patents By Year of Grant:	227	81	63	111	119	109	97	78	54	37	28	56	59	68	72	1259
Patents By Year of Application:	381	103	124	106	104	76	61	65	52	60	68	40	13	6	0	1259
FUNAI ELECTRIC CO., LTD.																
Patents By Year of Grant:	54	12	10	17	29	41	40	39	60	62	121	124	150	237	247	1243
Patents By Year of Application:	81	18	48	43	44	65	78	94	166	228	194	122	46	10	6	1243

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
VIA TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	2	16	20	42	52	116	128	188	183	163	179	144	1233
Patents By Year of Application:	1	0	19	47	43	73	189	184	201	157	200	86	24	9	0	1233
ADVANCED CARDIOVASCULAR SYSTEMS, INC.																
Patents By Year of Grant:	176	23	30	37	54	76	96	184	109	78	68	68	69	62	100	1230
Patents By Year of Application:	238	57	58	139	158	161	129	106	58	46	40	16	21	2	1	1230
SHARP LABORATORIES OF AMERICA, INC.																
Patents By Year of Grant:	0	0	2	23	37	61	77	115	103	105	164	168	144	94	136	1229
Patents By Year of Application:	5	33	63	116	98	155	134	168	180	121	80	57	18	0	1	1229
BOSTON SCIENTIFIC SCIMED, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	3	8	6	81	128	147	176	251	416	1216
Patents By Year of Application:	1	5	3	5	27	60	155	279	260	201	125	58	32	4	1	1216
ETHICON, INC.																
Patents By Year of Grant:	395	61	55	61	75	73	70	90	62	40	65	54	23	44	47	1215
Patents By Year of Application:	517	62	87	84	83	108	88	75	45	36	16	11	2	1	0	1215
MARVELL INTERNATIONAL LTD.																
Patents By Year of Grant:	0	0	0	0	0	6	24	17	29	52	109	160	179	245	391	1212
Patents By Year of Application:	0	0	1	3	54	24	89	119	172	164	193	218	144	29	2	1212
ALCOA INC.																
Patents By Year of Grant:	698	33	57	49	35	41	38	42	42	31	32	43	32	13	24	1210
Patents By Year of Application:	798	48	36	31	44	42	44	50	21	29	30	27	6	0	4	1210
ADC TELECOMMUNICATIONS, INC.																
Patents By Year of Grant:	109	10	10	23	27	49	75	101	97	83	85	91	143	148	156	1207
Patents By Year of Application:	136	28	38	65	90	132	100	51	64	98	118	155	102	30	0	1207
PPG INDUSTRIES INC.																
Patents By Year of Grant:	989	74	97	44	0	0	0	0	0	0	1	1	0	0	0	1206
Patents By Year of Application:	1150	53	1	0	0	0	0	0	1	1	0	0	0	0	0	1206
KOITO MANUFACTURING COMPANY LIMITED																
Patents By Year of Grant:	292	39	50	51	61	67	84	97	63	52	67	88	73	56	65	1205
Patents By Year of Application:	391	47	62	56	93	77	87	78	70	96	67	52	27	2	0	1205
INTERDIGITAL TECHNOLOGY CORPORATION																
Patents By Year of Grant:	38	19	14	23	17	27	40	54	105	106	181	137	135	158	140	1194
Patents By Year of Application:	78	32	12	31	40	90	241	158	173	155	86	44	39	15	0	1194

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
PACESETTER, INC.																
Patents By Year of Grant:	77	54	100	46	32	53	77	76	81	76	98	116	85	81	137	1189
Patents By Year of Application:	217	62	38	68	68	144	127	85	117	109	88	55	7	4	0	1189
MITA INDUSTRIAL COMPANY LTD.																
Patents By Year of Grant:	825	73	169	81	32	3	0	0	0	0	0	0	0	0	0	1183
Patents By Year of Application:	1014	111	42	15	1	0	0	0	0	0	0	0	0	0	0	1183
SHOWA DENKO KABUSHIKI KAISHA																
Patents By Year of Grant:	252	29	32	37	52	70	85	70	86	63	88	48	55	91	123	1181
Patents By Year of Application:	313	52	54	59	91	110	123	109	89	94	50	19	15	3	0	1181
LEAR CORPORATION																
Patents By Year of Grant:	2	20	64	78	58	49	60	83	117	118	200	127	66	69	68	1179
Patents By Year of Application:	78	86	54	55	79	69	140	181	196	108	53	47	27	5	1	1179
OMRON CORPORATION																
Patents By Year of Grant:	183	23	54	28	27	34	53	74	95	84	112	115	99	103	93	1177
Patents By Year of Application:	277	34	28	34	52	101	115	130	90	86	118	68	34	10	0	1177
SANDISK CORPORATION																
Patents By Year of Grant:	11	13	11	16	19	34	28	35	39	65	94	142	227	255	186	1175
Patents By Year of Application:	37	16	30	25	30	57	68	77	102	187	257	181	81	25	2	1175
SUNDSTRAND CORPORATION																
Patents By Year of Grant:	1056	29	45	35	8	2	0	0	0	0	0	0	0	0	0	1175
Patents By Year of Application:	1136	29	10	0	0	0	0	0	0	0	0	0	0	0	0	1175
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH																
Patents By Year of Grant:	51	18	25	37	38	60	131	139	133	121	128	96	73	54	68	1172
Patents By Year of Application:	97	35	47	48	122	183	202	177	139	38	51	19	13	1	0	1172
INTERNATIONAL GAME TECHNOLOGY (IGT)																
Patents By Year of Grant:	20	3	14	12	7	28	43	72	125	109	103	112	126	133	262	1169
Patents By Year of Application:	44	16	16	16	123	140	165	169	164	108	109	73	20	5	1	1169
HOYA CORPORATION																
Patents By Year of Grant:	198	14	19	36	34	39	38	48	64	48	45	55	117	201	212	1168
Patents By Year of Application:	235	43	31	45	50	58	69	93	88	154	122	109	51	19	1	1168
S. C. JOHNSON + SON, INC.																
Patents By Year of Grant:	292	32	41	60	29	29	54	61	54	63	62	101	97	100	83	1158
Patents By Year of Application:	369	51	30	37	54	46	78	77	74	121	89	80	33	17	2	1158

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
KYOCERA CORPORATION																
Patents By Year of Grant:	244	36	39	38	50	49	60	70	43	46	54	72	78	108	137	1124
Patents By Year of Application:	324	49	55	44	62	62	60	68	114	130	89	40	19	7	1	1124
GTE PRODUCTS CORPORATION																
Patents By Year of Grant:	1115	0	3	1	2	0	0	0	0	0	0	0	0	0	0	1121
Patents By Year of Application:	1121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1121
NOVARTIS AG (FORMERLY SANDOZ LTD.)																
Patents By Year of Grant:	0	6	19	74	100	114	95	85	78	76	86	54	71	72	190	1120
Patents By Year of Application:	57	77	94	115	104	111	116	123	85	73	83	47	22	12	1	1120
AKZO NOBEL NV																
Patents By Year of Grant:	137	87	105	121	98	89	94	109	72	56	47	32	19	18	35	1119
Patents By Year of Application:	350	125	104	91	101	129	98	54	29	16	13	5	3	1	0	1119
NOVO NORDISK A/S																
Patents By Year of Grant:	229	102	124	179	142	93	39	56	24	29	24	20	17	19	20	1117
Patents By Year of Application:	494	164	144	91	47	63	35	36	7	18	13	2	0	2	1	1117
ZF FRIEDRICHSHAFEN, AG																
Patents By Year of Grant:	216	16	34	31	36	52	45	54	60	55	82	94	99	98	145	1117
Patents By Year of Application:	259	30	38	51	40	71	96	105	126	112	98	81	7	3	0	1117
BRUNSWICK CORPORATION																
Patents By Year of Grant:	472	24	50	52	61	55	52	45	41	46	56	48	41	38	34	1115
Patents By Year of Application:	527	66	42	58	53	54	53	49	61	45	42	47	14	4	0	1115
THOMSON LICENSING																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	25	238	209	193	185	264	1115
Patents By Year of Application:	0	6	11	35	85	152	192	236	202	105	57	23	7	3	1	1115
MONSANTO TECHNOLOGY, LLC																
Patents By Year of Grant:	0	0	0	0	0	5	37	45	33	52	63	138	170	259	312	1114
Patents By Year of Application:	6	2	6	24	45	69	89	84	60	93	153	249	196	38	0	1114
VLSI TECHNOLOGY, INC.																
Patents By Year of Grant:	457	94	150	158	135	88	27	0	0	0	0	0	0	0	0	1109
Patents By Year of Application:	734	186	108	69	11	1	0	0	0	0	0	0	0	0	0	1109
CIRRUS LOGIC, INC.																
Patents By Year of Grant:	120	84	128	110	100	82	84	83	44	45	40	62	43	33	44	1102
Patents By Year of Application:	398	139	97	75	68	53	42	39	43	51	49	32	12	4	0	1102

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
TOYODA JIDOSHOKKI SEISAKUSHO KABUSHIKI KAISHA																
Patents By Year of Grant:	402	49	80	88	118	133	141	67	15	3	3	2	0	0	0	1101
Patents By Year of Application:	515	118	114	117	147	88	2	0	0	0	0	0	0	0	0	1101
ASAHI KASEI KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	487	30	50	61	69	66	79	62	57	38	34	29	5	18	9	1094
Patents By Year of Application:	568	79	66	60	82	87	90	38	5	10	6	2	1	0	0	1094
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.																
Patents By Year of Grant:	181	37	50	59	65	60	92	79	71	56	65	49	69	64	97	1094
Patents By Year of Application:	275	71	61	93	108	116	95	72	54	63	42	26	14	4	0	1094
SANDIA CORPORATION																
Patents By Year of Grant:	67	38	76	90	77	100	102	89	70	49	56	66	75	63	74	1092
Patents By Year of Application:	201	87	93	102	92	98	70	78	71	62	60	40	28	7	3	1092
UNITED STATES SURGICAL CORPORATION																
Patents By Year of Grant:	634	97	93	98	46	33	17	16	14	9	14	10	6	2	2	1091
Patents By Year of Application:	856	90	39	24	16	25	11	12	4	7	3	3	1	0	0	1091
MITSUI TOATSU CHEMICALS INC.																
Patents By Year of Grant:	960	72	45	2	2	0	0	0	0	1	0	0	0	0	0	1082
Patents By Year of Application:	1074	7	0	0	0	0	0	1	0	0	0	0	0	0	0	1082
GOLDSTAR COMPANY, LTD.																
Patents By Year of Grant:	934	85	36	13	1	2	1	0	0	0	0	0	0	0	0	1072
Patents By Year of Application:	1061	10	0	1	0	0	0	0	0	0	0	0	0	0	0	1072
MICHELIN RECHERCHE ET TECHNIQUE S.A.																
Patents By Year of Grant:	147	28	38	46	38	39	66	91	77	74	92	92	82	71	89	1070
Patents By Year of Application:	199	39	39	44	68	92	98	120	106	106	68	34	36	20	1	1070
NVIDIA CORPORATION																
Patents By Year of Grant:	0	10	12	5	6	14	15	25	42	52	103	109	175	272	229	1069
Patents By Year of Application:	19	8	16	24	32	51	92	148	177	196	182	98	19	7	0	1069
Hong Fu Jin Precision Industry (Shenzhen) Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	23	105	196	286	458	1068
Patents By Year of Application:	0	0	0	0	0	0	5	5	98	148	301	272	192	45	2	1068
PENTAX CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	12	218	219	196	186	132	86	15	2	1066
Patents By Year of Application:	0	3	12	38	94	181	192	186	153	108	51	39	9	0	0	1066

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
ALLERGAN, INC.																
Patents By Year of Grant:	360	72	70	30	26	15	24	41	46	36	52	55	71	61	106	1065
Patents By Year of Application:	503	42	22	18	36	43	55	65	68	47	56	57	37	16	0	1065
UNIVERSITY OF MICHIGAN																
Patents By Year of Grant:	225	53	51	52	69	51	48	63	67	71	69	47	66	54	78	1064
Patents By Year of Application:	374	64	54	56	67	75	89	87	60	48	47	28	12	3	0	1064
G. D. SEARLE & CO.																
Patents By Year of Grant:	549	75	60	62	61	39	74	46	27	17	23	10	2	1	1	1047
Patents By Year of Application:	732	45	47	50	53	43	38	19	9	5	5	1	0	0	0	1047
AT& T Intellectual Property I, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	139	425	482	1046
Patents By Year of Application:	0	0	0	5	11	34	61	141	142	217	190	139	82	24	0	1046
KAWASAKI STEEL CORPORATION																
Patents By Year of Grant:	581	70	59	64	60	86	77	42	3	2	1	0	0	0	0	1045
Patents By Year of Application:	721	61	72	68	63	48	11	1	0	0	0	0	0	0	0	1045
LG SEMICON CO., LTD.																
Patents By Year of Grant:	32	119	235	312	255	42	30	8	4	2	0	1	0	1	0	1041
Patents By Year of Application:	382	329	237	69	10	8	3	1	1	0	1	0	0	0	0	1041
KAWASAKI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	346	9	15	23	26	46	42	52	56	75	75	59	76	64	73	1037
Patents By Year of Application:	372	23	20	43	40	49	69	92	73	64	89	55	28	20	0	1037
LUCAS INDUSTRIES PUBLIC LTD. COMPANY																
Patents By Year of Grant:	672	54	58	50	45	67	44	26	16	2	0	1	0	0	0	1035
Patents By Year of Application:	780	53	55	55	45	30	16	0	1	0	0	0	0	0	0	1035
OTIS ELEVATOR COMPANY																
Patents By Year of Grant:	461	55	88	74	42	37	68	33	25	15	19	16	24	37	36	1030
Patents By Year of Application:	615	66	37	48	68	42	34	51	41	21	4	1	2	0	0	1030
AMERICAN HOME PRODUCTS CORPORATION																
Patents By Year of Grant:	676	34	50	47	48	85	82	3	1	0	0	1	0	1	0	1028
Patents By Year of Application:	759	38	44	75	93	16	3	0	0	0	0	0	0	0	0	1028
AVAYA TECHNOLOGY CORP.																
Patents By Year of Grant:	0	0	0	0	3	172	128	98	82	46	72	70	77	80	200	1028
Patents By Year of Application:	8	18	106	204	150	53	110	93	92	99	59	23	13	0	0	1028



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	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
SANSHIN KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	552	58	83	70	87	63	72	35	2	1	1	0	1	0	0	1025
Patents By Year of Application:	697	79	85	64	64	30	6	0	0	0	0	0	0	0	0	1025
POLAROID CORPORATION																
Patents By Year of Grant:	672	63	64	55	36	28	14	28	18	13	19	4	5	2	0	1021
Patents By Year of Application:	804	60	30	18	42	21	14	15	11	4	1	1	0	0	0	1021
STMICROELECTRONICS, INC.																
Patents By Year of Grant:	0	0	38	120	112	97	92	101	102	59	77	65	66	34	58	1021
Patents By Year of Application:	107	138	108	104	123	107	85	75	79	36	30	17	9	3	0	1021
KIMBERLY-CLARK CORPORATION																
Patents By Year of Grant:	854	111	23	9	8	6	3	2	0	0	0	0	0	0	2	1018
Patents By Year of Application:	1003	4	1	6	1	1	0	2	0	0	0	0	0	0	0	1018
BELLSOUTH INTELLECTUAL PROPERTY CORPORATION																
Patents By Year of Grant:	0	0	0	12	19	26	61	90	185	191	309	118	3	1	1	1016
Patents By Year of Application:	9	27	31	95	164	223	242	136	67	16	6	0	0	0	0	1016
HILTI AKTIENGESELLSCHAFT																
Patents By Year of Grant:	264	39	39	30	61	36	59	86	75	65	77	45	46	43	51	1016
Patents By Year of Application:	330	38	38	52	62	92	92	83	76	48	45	38	19	3	0	1016
SPRINT COMMUNICATIONS COMPANY L.P.																
Patents By Year of Grant:	9	2	14	13	22	29	42	54	86	69	110	112	122	126	205	1015
Patents By Year of Application:	45	16	52	52	89	79	130	140	133	117	91	46	23	2	0	1015
CALLAWAY GOLF COMPANY																
Patents By Year of Grant:	51	11	19	11	28	52	96	102	72	75	133	86	95	112	71	1014
Patents By Year of Application:	74	21	14	44	78	81	105	85	98	102	72	112	65	42	21	1014
DAIMLERCHRYSLER CORPORATION																
Patents By Year of Grant:	0	0	0	34	163	209	161	75	110	90	100	71	0	0	0	1013
Patents By Year of Application:	11	22	61	302	172	76	92	122	79	53	22	1	0	0	0	1013
KOMATSU LTD.																
Patents By Year of Grant:	18	33	74	83	69	105	92	97	68	69	70	67	41	55	72	1013
Patents By Year of Application:	107	88	105	96	114	97	82	78	86	73	39	19	24	5	0	1013
MITSUBISHI CHEMICAL CORPORATION																
Patents By Year of Grant:	128	89	122	110	86	76	54	56	48	32	57	47	40	33	35	1013
Patents By Year of Application:	341	127	93	73	49	61	47	41	69	66	28	11	6	1	0	1013

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	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
HALLIBURTON CO.																
Patents By Year of Grant:	945	39	25	1	0	0	0	0	0	0	1	0	0	0	0	1011
Patents By Year of Application:	1003	7	0	0	0	0	0	1	0	0	0	0	0	0	0	1011
HAMAMATSU PHOTONICS KABUSHIKI KAISHA																
Patents By Year of Grant:	305	51	42	49	16	16	25	52	42	53	75	52	55	81	93	1007
Patents By Year of Application:	390	65	14	11	52	59	91	79	99	66	44	23	7	7	0	1007
NTT DOCOMO, INC.																
Patents By Year of Grant:	0	0	0	0	1	0	5	6	18	65	135	145	152	202	277	1006
Patents By Year of Application:	1	1	2	10	36	109	168	173	147	151	130	55	18	5	0	1006
TYCO ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	2	48	67	101	103	87	112	92	96	125	172	1005
Patents By Year of Application:	0	3	9	33	81	89	129	104	86	88	88	129	126	38	2	1005
WINBOND ELECTRONICS CORP.																
Patents By Year of Grant:	36	24	59	117	116	126	122	82	99	63	63	47	26	14	9	1003
Patents By Year of Application:	120	107	167	131	97	98	114	64	47	29	16	9	4	0	0	1003
TOKAI RIKI DENKI SEISAKUSHO K.K.																
Patents By Year of Grant:	371	40	46	30	33	42	50	69	57	39	54	47	31	45	47	1001
Patents By Year of Application:	457	39	22	47	55	72	64	61	47	45	40	33	19	0	0	1001
Other Organizations (226899)																
Patents By Year of Grant:	525568	57660	75223	78524	81695	86813	86791	87621	84168	73330	91703	87070	88824	93184	123592	1721766
Patents By Year of Application:	669518	82737	83907	91220	99017	105228	108093	103660	96949	88675	78009	60086	35405	16411	2851	1721766