

PTMD SPECIAL REPORT

ALL PATENTS, ALL TYPES

JANUARY 1977 -- DECEMBER 2004



March 2005  
U.S. PATENT AND TRADEMARK OFFICE  
OFFICE OF ELECTRONIC INFORMATION PRODUCTS / PTMD  
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*A PATENT TECHNOLOGY MONITORING DIVISION REPORT*

# PTMD Special Report All Patents, All Types 1/1977 - 12/31/2004 Explanation of Data

This Patent Technology Monitoring Division (PTMD) report profiles patent activity for all U.S. patents (design, plant, reissue, and utility patents, defensive publications, and statutory invention registrations) granted between **January 1, 1977** and **December 31, 2004**. The source of the data used for this report is the PTMD database maintained by the Office for Electronic Information Products.

## 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 application was filed ("Patents Granted By Date of Patent Application"). Parts A1 and A2 each provide patent counts (pages A1-1 and A2-1) and percent distributions (pages A1-2 and A2-2).

Patent data in the "**Pre 1991**" column corresponds to the period **January 1, 1977** through **December 31, 1990**.

### **Part B**

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

DATA FOR THOSE APPLICATIONS WHICH WERE FILED BUT NEVER ISSUED (ROUGHLY 25% 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 24 months, the patented application data for the most recent years are incomplete.\* This is because a significant number of the applications filed in the most recent years, which will ultimately become patents, were still pending in **December 2004**.

Since they had not yet become patents at the time this report was prepared, they were not included in this report.

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

Information on **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 Corporations ownership categories count predominantly corporate patents; however, patents assigned to other organizations such as small businesses, nonprofit organizations, universities, etc. are also included in this category. While U.S. Government patent ownership includes only patents granted to the Federal Government, no such distinction is made for Foreign Government 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 **1977**. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by year in which the patented application was 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.

\* As of 12/31/2004, UTILITY patent application data (most issued patent documents are utility patents) were approximately 93% complete for patent applications filed in 1999, 84% complete for 2000 filings, 66% complete for 2001 filings, and 44 percent complete for 2002 filings. They were essentially complete for applications filed prior to 1999.

## Part A1

Patent Grants as Distributed By Year of Patent Grant

	Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2004)															
	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Total
Total	1058586	106840	107511	109890	113704	113955	121805	124147	163206	169146	176083	184048	184425	187051	181322	3101719
U.S. Origin	609244	57788	58791	61221	64345	64510	69419	69923	90698	94090	97011	98656	97126	98598	94129	1725549
Foreign Origin	449342	49052	48720	48669	49359	49445	52386	54224	72508	75056	79072	85392	87299	88453	87193	1376170
JAPAN	168184	22401	23164	23411	23517	22871	24059	24191	32118	32514	32922	34891	36339	37249	37034	574865
GERMANY	92406	7984	7605	7186	6989	6874	7125	7292	9582	9895	10824	11894	11957	12140	11367	221120
FRANCE	34053	3249	3282	3155	2985	3010	3016	3202	3991	4097	4173	4456	4421	4126	3686	84902
UNITED KINGDOM	36806	3053	2637	2530	2472	2685	2676	2906	3729	3904	4092	4358	4202	4036	3905	83991
CANADA	20175	2304	2218	2231	2380	2447	2638	2817	3537	3678	3925	4063	3857	3893	3781	63944
TAIWAN	3535	1096	1253	1510	1814	2087	2419	2597	3805	4526	5806	6545	6730	6676	7207	57606
ITALY	13809	1388	1446	1453	1361	1242	1385	1417	1821	1686	1967	1978	1962	2022	1946	36883
SWITZERLAND	17911	1448	1294	1198	1244	1187	1192	1179	1374	1390	1458	1557	1532	1433	1405	36802
SOUTH KOREA	940	449	586	830	1008	1240	1567	1965	3362	3679	3472	3763	4009	4132	4671	35673
SWEDEN	12341	831	727	742	800	914	971	970	1346	1542	1738	1933	1824	1629	1388	29696
NETHERLANDS	11120	1075	974	944	998	894	886	895	1382	1396	1410	1494	1681	1570	1537	28256
AUSTRALIA	5406	571	497	470	564	548	566	568	830	832	860	1032	992	1047	1093	15876
ISRAEL	2458	321	350	358	388	432	525	577	820	792	836	1031	1108	1260	1092	12348
BELGIUM	3902	366	371	377	392	419	516	561	755	718	756	796	801	727	678	12135
AUSTRIA	4378	388	403	340	316	359	387	393	408	505	537	632	559	639	575	10819
FINLAND	2622	343	381	311	341	387	453	468	629	695	649	769	856	944	954	10802
DENMARK	2582	285	275	261	313	314	334	432	500	588	509	556	559	611	530	8649
CHINA,HONG KONG S.A.R	1057	209	159	182	220	248	247	261	373	413	548	621	589	681	641	6449
SPAIN	1324	185	149	184	172	168	187	193	308	265	318	340	358	358	312	4821
NORWAY	1490	119	121	127	130	138	150	157	232	246	266	282	261	279	255	4253
U.S.S.R.	3486	182	67	67	57	12	16	4	6	3	1		1			3902
SOUTH AFRICA	1312	111	101	101	109	127	116	114	132	127	125	137	123	131	115	2981
SINGAPORE	98	25	35	44	59	61	97	100	136	152	242	304	421	460	485	2719
CHINA P.REP.	196	52	41	53	48	63	48	66	88	99	163	265	390	424	597	2593
NEW ZEALAND	794	50	60	51	54	60	78	109	145	134	136	160	173	165	192	2361
HUNGARY	1411	86	89	62	48	51	43	25	52	39	38	61	48	72	52	2177
INDIA	175	24	24	30	28	38	37	48	94	114	131	180	267	355	376	1921
IRELAND	414	57	56	50	49	55	86	76	78	100	137	164	142	182	197	1843
RUSSIAN FEDERATION				3	38	99	118	112	194	185	185	239	203	203	173	1752
BRAZIL	401	66	43	59	61	70	69	67	88	98	113	125	112	180	161	1713
MEXICO	567	42	45	50	52	45	46	57	77	94	100	87	105	92	102	1561
LUXEMBOURG	393	42	36	41	44	34	27	42	46	35	55	48	52	53	55	1003
ARGENTINA	284	19	23	25	37	32	32	38	46	46	63	58	58	70	50	881
CZECHOSLOVAKIA	695	27	18	15	20	15	9	10	9	5	10	7	2	1		843
VENEZUELA	193	25	24	34	28	31	30	26	29	39	32	28	32	20	23	594
MALAYSIA	37	13	11	19	16	8	24	29	35	34	47	56	62	63	93	547
Others ( 129 )	2387	166	155	165	207	180	211	260	351	391	428	482	511	530	465	6889
Ownership:																
U.S. Corporations	456209	42886	44043	46093	48750	49049	53540	55305	72358	75932	78822	82075	81112	82806	80013	1348993
U.S. Government	15710	1272	1225	1234	1310	1083	961	974	1039	1001	960	985	944	891	846	30435
U.S. Individuals	163908	16234	15650	16100	16527	16813	17415	16285	20765	20540	20352	18841	17497	16902	15182	409011
Foreign Corporations	358597	40323	40930	41078	41540	41353	44191	45641	61424	64225	68060	74033	76855	78686	78573	1155509
Foreign Government	5167	473	474	442	300	250	260	278	258	164	108	97	115	89	81	8556
Foreign Individuals	58995	5652	5189	4943	5277	5407	5438	5664	7362	7284	7781	8017	7902	7677	6627	149215

	----- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2004) -----															
	----- PERCENT OF PATENTS -----															
	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	58	54	55	56	57	57	57	56	56	56	55	54	53	53	52	56
Foreign Origin	42	46	45	44	43	43	43	44	44	44	45	46	47	47	48	44
JAPAN	16	21	22	21	21	20	20	19	20	19	19	19	20	20	20	19
GERMANY	9	7	7	7	6	6	6	6	6	6	6	6	6	6	6	7
FRANCE	3	3	3	3	3	3	2	3	2	2	2	2	2	2	2	3
UNITED KINGDOM	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3
CANADA	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAIWAN		1	1	1	2	2	2	2	2	3	3	4	4	4	4	2
ITALY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SWITZERLAND	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SOUTH KOREA			1	1	1	1	1	2	2	2	2	2	2	2	3	1
SWEDEN	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
AUSTRALIA	1	1							1			1	1	1	1	1
ISRAEL									1			1	1	1	1	0
BELGIUM																0
AUSTRIA																0
FINLAND														1	1	0
DENMARK																0
CHINA,HONG KONG S.A.R																0
SPAIN																0
NORWAY																0
U.S.S.R.																0
SOUTH AFRICA																0
SINGAPORE																0
CHINA P.REP.																0
NEW ZEALAND																0
HUNGARY																0
INDIA																0
IRELAND																0
RUSSIAN FEDERATION																0
BRAZIL																0
MEXICO																0
LUXEMBOURG																0
ARGENTINA																0
CZECHOSLOVAKIA																0
VENEZUELA																0
MALAYSIA																0
Others ( 129 )																0
Ownership:																
U.S. Corporations	43	40	41	42	43	43	44	45	44	45	45	45	44	44	44	43
U.S. Government	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
U.S. Individuals	15	15	15	15	15	15	14	13	13	12	12	10	9	9	8	13
Foreign Corporations	34	38	38	37	37	36	36	37	38	38	39	40	42	42	43	37
Foreign Government																0
Foreign Individuals	6	5	5	4	5	5	4	5	5	4	4	4	4	4	4	5

## Part A2

Patent Grants as Distributed By Year of Patent Application

	----- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2004) -----															
	NUMBER OF PATENTED APPLICATIONS															
	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Total
Total	1249716	109660	113440	118382	135095	156961	158004	183132	181085	187927	185252	164487	117281	39289	2008	3101719
U.S. Origin	712539	60637	63861	67763	76456	90159	86778	101008	99774	102333	98669	84347	59692	20526	1007	1725549
Foreign Origin	537177	49023	49579	50619	58639	66802	71226	82124	81311	85594	86583	80140	57589	18763	1001	1376170
JAPAN	209507	23787	23904	23366	27136	30186	32042	36924	34224	34200	35921	33613	22611	7149	295	574865
GERMANY	106043	7166	7225	7178	7943	8954	9193	10777	10760	12309	12121	11346	8026	1999	80	221120
FRANCE	39983	3185	3114	3134	3413	4004	3820	4365	4220	4563	4460	3607	2350	661	23	84902
UNITED KINGDOM	42269	2526	2478	2727	3172	3711	3654	4192	4273	4492	4097	3402	2338	639	21	83991
CANADA	24018	2296	2296	2609	2895	3542	3454	3980	4160	4106	3992	3345	2446	775	30	63944
TAIWAN	5103	1362	1543	1911	2344	2805	3518	4194	5336	6654	6169	6760	6492	3199	216	57606
ITALY	16378	1364	1404	1328	1486	1696	1689	1879	1832	1982	1986	1917	1372	523	47	36883
SWITZERLAND	20383	1235	1215	1232	1334	1437	1315	1457	1472	1542	1543	1387	943	299	8	36802
SOUTH KOREA	1904	836	963	1099	1699	2179	3592	3927	4053	3727	3931	3660	3047	1012	44	35673
SWEDEN	13742	785	798	946	1112	1238	1282	1841	1893	1889	1741	1354	855	202	18	29696
NETHERLANDS	12977	952	958	999	1052	1184	1343	1567	1398	1489	1593	1430	977	300	37	28256
AUSTRALIA	6457	499	534	584	634	747	827	837	1005	974	1020	853	677	210	18	15876
ISRAEL	3098	377	378	453	656	738	745	878	977	1222	1190	974	544	114	4	12348
BELGIUM	4592	363	381	437	548	747	748	748	778	808	747	648	460	130		12135
AUSTRIA	5073	357	334	355	417	478	424	493	553	599	601	554	457	123	1	10819
FINLAND	3251	366	355	384	501	561	720	783	750	912	909	727	476	104	3	10802
DENMARK	3131	257	243	325	391	570	470	552	603	583	531	532	334	113	14	8649
CHINA,HONG KONG S.A.R	1417	159	204	210	239	267	351	331	456	553	601	671	599	362	29	6449
SPAIN	1633	160	182	168	219	234	273	302	305	304	360	351	246	81	3	4821
NORWAY	1705	128	134	150	157	203	220	252	241	315	286	253	174	31	4	4253
U.S.S.R.	3721	82	53	20	10	9	2	3	2							3902
SOUTH AFRICA	1507	92	103	149	141	112	130	121	138	139	124	123	78	24		2981
SINGAPORE	148	37	67	64	103	107	147	189	235	354	421	410	340	77	20	2719
CHINA P.REP.	275	53	50	74	52	68	83	107	136	221	342	451	421	209	51	2593
NEW ZEALAND	901	52	55	57	109	107	133	169	132	141	180	159	112	53	1	2361
HUNGARY	1582	68	46	47	45	51	38	38	54	56	64	43	36	9		2177
INDIA	224	24	35	37	42	54	87	127	140	192	280	334	263	78	4	1921
IRELAND	516	53	49	58	107	82	87	113	170	140	174	156	113	23	2	1843
RUSSIAN FEDERATION		2	27	99	130	149	189	196	190	246	223	178	92	30	1	1752
BRAZIL	496	59	59	64	99	71	89	98	106	127	127	118	138	59	3	1713
MEXICO	642	51	56	42	57	54	80	99	99	99	93	109	52	28		1561
LUXEMBOURG	462	36	42	29	43	31	40	60	43	45	56	55	46	14	1	1003
ARGENTINA	324	27	24	42	39	37	50	46	63	49	66	68	37	9		881
CZECHOSLOVAKIA	736	15	21	21	11	11	8	4	7	9						843
VENEZUELA	235	31	37	30	28	27	28	35	31	36	30	28	18			594
MALAYSIA	57	23	11	11	20	31	44	45	30	55	66	73	55	25	1	547
Others ( 129 )	2687	158	201	180	255	320	311	395	446	462	538	451	364	99	22	6889
Ownership:																
U.S. Corporations	534037	45686	49137	52104	59243	72471	70237	82729	82382	85036	82116	69796	47624	15641	754	1348993
U.S. Government	18184	1247	1292	1274	1117	1194	951	979	935	829	901	820	551	159	2	30435
U.S. Individuals	191130	15862	15658	16919	18945	19737	18934	20796	19333	19262	18341	15821	12847	5140	286	409011
Foreign Corporations	432000	41406	42064	42393	49406	56914	60811	71044	71136	74699	75769	70661	50305	16058	843	1155509
Foreign Government	6029	434	347	267	294	298	249	171	114	109	115	66	49	13	1	8556
Foreign Individuals	68336	5025	4942	5425	6090	6347	6822	7413	7185	7992	8010	7323	5905	2278	122	149215

----- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2004) -----

	PERCENT OF PATENTED APPLICATIONS															
	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	57	55	56	57	57	57	55	55	55	54	53	51	51	52	50	56
Foreign Origin	43	45	44	43	43	43	45	45	45	46	47	49	49	48	50	44
JAPAN	17	22	21	20	20	19	20	20	19	18	19	20	19	18	15	19
GERMANY	8	7	6	6	6	6	6	6	6	7	7	7	7	5	4	7
FRANCE	3	3	3	3	3	3	2	2	2	2	2	2	2	2	1	3
UNITED KINGDOM	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	3
CANADA	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
TAIWAN		1	1	2	2	2	2	2	3	4	3	4	6	8	11	2
ITALY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
SWITZERLAND	2	1	1	1	1	1	1	1	1	1	1	1	1	1		1
SOUTH KOREA		1	1	1	1	1	2	2	2	2	2	2	3	3	2	1
SWEDEN	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	2	1
AUSTRALIA	1						1		1	1	1	1	1	1	1	1
ISRAEL									1	1	1	1				0
BELGIUM																0
AUSTRIA																0
FINLAND																0
DENMARK															1	0
CHINA,HONG KONG S.A.R													1	1	1	0
SPAIN																0
NORWAY																0
U.S.S.R.																0
SOUTH AFRICA																0
SINGAPORE															1	0
CHINA P.REP.														1	3	0
NEW ZEALAND																0
HUNGARY																0
INDIA																0
IRELAND																0
RUSSIAN FEDERATION																0
BRAZIL																0
MEXICO																0
LUXEMBOURG																0
ARGENTINA																0
CZECHOSLOVAKIA																0
VENEZUELA																0
MALAYSIA																0
Others ( 129 )															2	0
Ownership:																
U.S. Corporations	43	42	43	44	44	46	44	45	45	45	44	42	41	40	38	43
U.S. Government	1	1	1	1	1	1	1	1	1	1						1
U.S. Individuals	15	14	14	14	14	13	12	11	11	10	10	10	11	13	14	13
Foreign Corporations	35	38	37	36	37	36	38	39	39	40	41	43	43	41	42	37
Foreign Government																0
Foreign Individuals	5	5	4	5	5	4	4	4	4	4	4	4	5	6	6	5



## Part B

Ranked Listing of Organizations with Patent Grants

As Distributed By Year of Patent Grant

and As Distributed By Year of Patent Application

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 1000 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	7546	714	875	1139	1356	1468	1930	1781	2685	2778	2905	3429	3297	3438	3253	38594
Patents By Year of Application:	9213	1267	1551	1311	1917	2613	2767	3597	3704	4037	3182	2084	1026	316	9	38594
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	6624	916	1191	1108	1161	1164	1610	1458	2000	1864	1971	1976	1950	2051	1842	28886
Patents By Year of Application:	8467	1223	1330	1400	1971	2539	2065	2481	1754	1794	1452	1319	836	250	5	28886
HITACHI, LTD																
Patents By Year of Grant:	8747	953	969	950	989	924	970	914	1110	1024	1059	1297	1622	1907	1522	24957
Patents By Year of Application:	10937	1035	936	925	995	1146	1017	1081	986	1290	1475	1757	1101	267	9	24957
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	10905	840	952	943	977	765	824	669	738	702	790	1122	1423	1142	982	23774
Patents By Year of Application:	12451	897	957	874	896	846	738	780	919	1209	1320	1101	647	138	1	23774
TOSHIBA CORPORATION																
Patents By Year of Grant:	7206	1079	1089	1072	1002	1009	957	889	1237	1232	1271	1189	1181	1254	1364	23031
Patents By Year of Application:	9216	1206	969	915	1113	1131	1276	1383	1322	1146	1095	1096	862	287	14	23031
NEC CORPORATION																
Patents By Year of Grant:	2862	441	465	611	918	1009	1054	1105	1639	1850	2042	1970	1847	1200	829	19842
Patents By Year of Application:	3699	623	902	786	1362	1280	1690	2327	2340	2084	1556	846	290	56	1	19842
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	3564	485	627	762	800	921	887	784	1090	1107	1216	1500	1593	1903	2060	19299
Patents By Year of Application:	4593	776	819	907	974	1005	1102	1331	1402	1589	1697	1600	1074	411	19	19299
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	4413	950	979	939	982	974	938	900	1092	1073	1047	1208	1399	1264	787	18945
Patents By Year of Application:	6107	1091	987	949	983	1122	1088	1182	1053	1121	1203	1238	687	130	4	18945
SONY CORPORATION																
Patents By Year of Grant:	3047	354	463	637	747	805	945	944	1445	1641	1666	1546	1605	1470	1470	18785
Patents By Year of Application:	3833	632	807	796	995	1275	1559	2115	1780	1708	1374	1082	564	252	13	18785
MOTOROLA, INC.																
Patents By Year of Grant:	3793	637	691	791	960	1108	1163	1186	1542	1273	1267	811	729	668	629	17248
Patents By Year of Application:	4936	839	918	1078	1304	1499	1527	1497	1090	727	936	426	352	115	4	17248
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	4569	879	790	1011	900	784	796	802	1145	1012	894	733	703	757	717	16492
Patents By Year of Application:	5993	933	1045	793	786	792	1214	1112	1132	659	774	656	452	148	3	16492

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	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
FUJITSU LIMITED																
Patents By Year of Grant:	2110	368	418	454	595	732	872	908	1232	1200	1155	1176	1216	1306	1302	15044
Patents By Year of Application:	2853	548	606	691	1020	1232	1295	1463	1422	1161	1095	919	562	173	4	15044
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	6328	479	402	374	381	429	418	455	627	744	915	801	698	683	766	14500
Patents By Year of Application:	7087	380	411	413	469	518	625	842	945	921	710	622	427	129	1	14500
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	5135	762	671	660	571	523	524	481	560	550	552	605	709	845	1048	14196
Patents By Year of Application:	6438	672	591	529	544	560	638	680	555	650	809	779	559	190	2	14196
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	6777	693	554	462	429	527	501	499	760	764	723	754	267	4	2	13716
Patents By Year of Application:	7913	510	462	471	602	698	770	828	708	497	210	47	0	0	0	13716
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	112	148	255	358	419	439	495	591	1309	1557	1449	1449	1340	1316	1617	12854
Patents By Year of Application:	515	386	415	424	513	664	1540	1614	1834	1421	1166	1106	910	335	11	12854
XEROX CORPORATION																
Patents By Year of Grant:	3711	354	474	564	615	554	706	610	776	671	592	726	697	646	520	12216
Patents By Year of Application:	4454	572	590	656	709	727	693	650	861	817	650	398	331	105	3	12216
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	2718	376	400	370	481	529	603	607	611	599	689	800	717	765	898	11163
Patents By Year of Application:	3475	408	438	561	741	830	558	755	698	773	661	612	495	154	4	11163
AT&T CORP.																
Patents By Year of Grant:	6157	504	457	470	615	654	523	49	150	279	295	291	285	209	218	11156
Patents By Year of Application:	7036	475	590	702	488	214	219	488	338	272	178	107	40	9	0	11156
BAYER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	5798	493	475	443	345	328	323	357	382	342	306	364	399	348	330	11033
Patents By Year of Application:	6628	393	420	361	345	401	416	387	283	353	321	391	286	46	2	11033
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	5083	607	609	573	492	445	397	313	399	341	341	337	316	341	332	10926
Patents By Year of Application:	6150	555	510	460	428	429	368	409	336	338	364	313	208	57	1	10926
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	46	77	114	173	106	63	125	319	592	942	1312	1646	1837	1710	1760	10822
Patents By Year of Application:	174	143	175	76	96	394	700	1190	1491	1487	1679	1619	1225	353	20	10822

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	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	2713	469	451	424	494	435	378	422	584	554	625	573	579	526	556	9783
Patents By Year of Application:	3585	468	487	442	426	536	588	620	649	491	622	476	278	112	3	9783
ROBERT BOSCH GMBH																
Patents By Year of Grant:	3264	261	278	363	317	312	307	267	351	423	560	709	686	756	907	9761
Patents By Year of Application:	3695	332	374	305	338	312	389	494	518	756	704	748	652	144	0	9761
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	1308	328	352	351	438	492	523	554	827	880	968	1025	1113	424	0	9583
Patents By Year of Application:	1944	403	422	458	577	691	900	1033	971	917	690	536	41	0	0	9583
INTEL CORPORATION																
Patents By Year of Grant:	303	57	73	125	206	271	423	405	708	744	806	818	1095	1600	1605	9239
Patents By Year of Application:	422	113	211	324	455	615	841	1001	1038	1233	1211	945	629	200	1	9239
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	2963	259	209	260	247	254	302	353	416	487	493	612	720	703	810	9088
Patents By Year of Application:	3382	232	273	248	309	419	389	490	549	456	767	732	637	194	11	9088
BASF AKTIENGESELLSCHAFT																
Patents By Year of Grant:	3691	385	398	360	320	304	319	276	399	414	510	487	476	393	343	9075
Patents By Year of Application:	4365	347	316	332	330	385	363	478	512	492	457	396	248	54	0	9075
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	3999	396	314	360	395	347	294	299	345	358	365	326	386	365	322	8871
Patents By Year of Application:	4815	331	368	368	316	343	336	372	358	285	320	316	258	84	1	8871
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	4375	441	402	441	334	282	298	277	306	276	254	177	190	291	377	8721
Patents By Year of Application:	4910	456	443	341	326	312	312	265	278	171	212	258	334	101	2	8721
ADVANCED MICRO DEVICES, INC.																
Patents By Year of Grant:	463	83	71	85	86	129	179	271	557	824	1053	1086	1154	905	802	7748
Patents By Year of Application:	642	55	89	129	199	392	559	1114	1001	961	1157	808	521	117	4	7748
MINNESOTA MINING AND MANUFACTURING COMPANY																
Patents By Year of Grant:	3150	376	411	435	540	598	573	591	592	351	52	15	11	7	3	7705
Patents By Year of Application:	3850	425	482	555	676	730	554	355	60	9	5	3	0	1	0	7705
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	5809	356	370	306	262	196	136	74	82	12	4	0	1	0	0	7608
Patents By Year of Application:	6472	317	233	211	203	88	53	29	1	0	1	0	0	0	0	7608

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	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	0	0	0	0	0	0	300	816	948	1162	1426	1116	665	621	536	7590
Patents By Year of Application:	5	10	13	65	417	939	956	1270	1692	1331	587	185	92	27	1	7590
RICOH COMPANY, LTD.																
Patents By Year of Grant:	2252	328	374	294	312	282	300	348	411	417	432	392	338	417	540	7437
Patents By Year of Application:	2905	313	324	313	344	378	420	447	428	425	373	348	312	104	3	7437
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	4682	333	323	330	270	230	197	165	174	142	134	169	118	42	28	7337
Patents By Year of Application:	5272	292	275	269	232	225	176	156	121	132	120	52	15	0	0	7337
PROCTER + GAMBLE COMPANY																
Patents By Year of Grant:	1551	166	190	173	220	233	354	434	503	632	546	489	501	490	450	6932
Patents By Year of Application:	1861	171	190	262	349	493	618	637	488	500	529	475	277	80	2	6932
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	3802	334	343	216	141	120	103	139	164	211	251	261	252	265	268	6870
Patents By Year of Application:	4373	286	161	111	120	154	179	203	252	222	249	275	220	62	3	6870
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	3192	156	153	146	133	157	160	213	390	405	349	332	309	310	323	6728
Patents By Year of Application:	3437	141	155	158	165	212	398	499	340	311	282	303	196	124	7	6728
CIBA-GEIGY CORPORATION																
Patents By Year of Grant:	4300	417	319	332	302	277	273	239	17	4	3	0	2	0	0	6485
Patents By Year of Application:	4944	317	291	295	312	280	44	1	0	1	0	0	0	0	0	6485
HOECHST AKTIENGESELLSCHAFT																
Patents By Year of Grant:	3477	282	331	356	335	313	353	353	328	152	82	18	18	8	1	6407
Patents By Year of Application:	4051	297	369	331	372	496	226	203	39	13	5	4	1	0	0	6407
MOBIL OIL CORP.																
Patents By Year of Grant:	3834	368	301	292	295	204	167	91	67	72	71	52	14	5	4	5837
Patents By Year of Application:	4380	333	289	243	209	137	53	68	68	51	6	0	0	0	0	5837
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	2242	168	203	214	238	214	224	217	282	230	291	279	276	272	121	5471
Patents By Year of Application:	2568	236	229	280	255	266	240	249	278	279	277	212	89	13	0	5471
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	3105	201	168	184	203	191	155	170	166	142	147	165	149	131	135	5412
Patents By Year of Application:	3403	172	214	205	188	206	178	144	155	146	154	123	88	35	1	5412

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	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	220	122	160	188	166	162	200	239	327	316	422	530	648	797	858	5355
Patents By Year of Application:	517	165	186	199	232	317	326	382	491	570	640	684	499	142	5	5355
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	1775	320	283	241	162	115	166	160	308	369	346	313	240	223	211	5232
Patents By Year of Application:	2327	270	188	141	184	197	289	437	401	328	247	150	54	19	0	5232
SHELL OIL COMPANY																
Patents By Year of Grant:	2679	273	278	234	238	173	139	129	148	136	135	129	81	100	170	5042
Patents By Year of Application:	3093	261	246	213	180	161	163	146	128	106	105	157	64	19	0	5042
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	2665	250	321	246	274	198	190	119	140	147	187	162	68	39	13	5019
Patents By Year of Application:	3145	311	263	219	174	157	160	160	172	193	35	20	9	1	0	5019
NIKON CORPORATION																
Patents By Year of Grant:	954	87	109	136	122	231	433	495	599	371	301	303	251	311	235	4938
Patents By Year of Application:	1088	142	127	175	401	641	522	519	287	311	333	235	119	37	1	4938
RCA CORPORATION																
Patents By Year of Grant:	4937	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4938
Patents By Year of Application:	4938	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4938
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	647	85	79	118	162	205	257	265	390	434	434	404	436	445	424	4785
Patents By Year of Application:	852	118	133	247	322	475	375	407	441	431	413	357	175	38	1	4785
PHILLIPS PETROLEUM COMPANY																
Patents By Year of Grant:	3344	158	171	195	149	101	91	76	75	72	113	89	82	48	15	4779
Patents By Year of Application:	3629	170	173	121	99	126	65	70	120	90	74	28	9	5	0	4779
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
Patents By Year of Grant:	3185	215	250	182	205	119	71	69	62	53	57	69	45	42	40	4664
Patents By Year of Application:	3594	227	178	167	78	69	68	56	55	48	56	39	27	2	0	4664
CATERPILLAR INC.																
Patents By Year of Grant:	1904	81	63	117	109	149	209	213	197	267	354	268	255	221	174	4581
Patents By Year of Application:	2018	93	120	140	210	230	264	265	321	302	259	215	129	15	0	4581
FORD MOTOR COMPANY																
Patents By Year of Grant:	1925	181	231	291	327	338	383	266	147	151	103	27	18	46	58	4492
Patents By Year of Application:	2240	251	307	401	360	347	157	145	113	44	57	18	36	16	0	4492

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	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	2399	165	238	207	203	215	160	123	117	109	119	101	78	59	54	4347
Patents By Year of Application:	2757	229	220	200	208	141	111	116	118	95	45	65	35	7	0	4347
UNISYS CORPORATION																
Patents By Year of Grant:	2910	99	87	51	80	112	134	109	122	91	98	107	119	99	118	4336
Patents By Year of Application:	3098	63	74	117	134	136	120	138	144	144	88	47	22	11	0	4336
SUN MICROSYSTEMS, INC.																
Patents By Year of Grant:	33	24	57	72	73	70	113	162	440	578	480	444	508	584	689	4327
Patents By Year of Application:	129	58	83	71	120	318	616	689	492	532	480	415	283	41	0	4327
BOEING COMPANY																
Patents By Year of Grant:	1849	197	184	106	80	98	99	114	157	147	138	163	200	268	428	4228
Patents By Year of Application:	2232	131	88	97	69	212	149	119	140	129	180	298	293	85	6	4228
MERCK + CO., INC.																
Patents By Year of Grant:	1893	152	164	223	165	126	127	163	179	217	188	185	175	132	58	4147
Patents By Year of Application:	2150	203	232	131	164	164	146	229	210	181	159	127	38	12	1	4147
HUGHES AIRCRAFT COMPANY																
Patents By Year of Grant:	1891	350	296	329	412	326	273	130	50	6	1	0	0	0	0	4064
Patents By Year of Application:	2482	349	413	344	257	168	48	3	0	0	0	0	0	0	0	4064
EXXON RESEARCH + ENGINEERING CO.																
Patents By Year of Grant:	2924	136	111	109	127	90	72	74	106	122	101	73	10	1	1	4057
Patents By Year of Application:	3141	119	105	111	89	99	81	120	118	65	8	1	0	0	0	4057
KONICA CORPORATION																
Patents By Year of Grant:	1430	229	210	230	233	179	160	128	170	166	157	155	182	157	194	3980
Patents By Year of Application:	1817	224	201	188	191	165	164	183	188	159	165	141	137	56	1	3980
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	757	146	126	126	128	124	134	175	270	254	271	300	386	382	394	3973
Patents By Year of Application:	1009	119	108	149	171	180	285	289	336	314	407	323	218	63	2	3973
GOODYEAR TIRE + RUBBER COMPANY																
Patents By Year of Grant:	1443	115	103	129	150	109	113	235	206	153	181	229	282	260	226	3934
Patents By Year of Application:	1650	108	133	97	134	158	214	219	174	204	280	277	158	118	10	3934
TELEFONAKTIEBOLAGET LM ERICSSON																
Patents By Year of Grant:	398	29	36	46	66	81	153	116	224	385	491	522	523	473	390	3933
Patents By Year of Application:	466	56	58	98	139	224	269	606	656	598	524	187	38	14	0	3933

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	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
EATON CORPORATION																
Patents By Year of Grant:	1488	115	141	135	149	166	182	145	165	222	196	149	159	139	124	3675
Patents By Year of Application:	1678	135	156	185	188	144	176	187	196	175	185	127	107	34	2	3675
MICROSOFT CORPORATION																
Patents By Year of Grant:	8	2	8	18	26	53	104	206	343	356	359	455	511	519	661	3629
Patents By Year of Application:	32	10	70	70	163	275	383	504	616	641	523	209	93	40	0	3629
MURATA MANUFACTURING CO., LTD.																
Patents By Year of Grant:	487	91	84	66	103	118	151	150	217	268	302	321	444	446	373	3621
Patents By Year of Application:	628	70	97	120	170	169	242	293	282	357	465	395	261	70	2	3621
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	12	860	1423	1250	3545
Patents By Year of Application:	1	0	1	1	1	10	22	31	145	506	917	1181	634	93	2	3545
SUMITOMO CHEMICAL COMPANY, LIMITED																
Patents By Year of Grant:	1440	146	133	147	164	139	138	123	149	136	149	168	187	174	152	3545
Patents By Year of Application:	1694	136	159	149	188	159	143	151	136	168	162	179	96	24	1	3545
IMPERIAL CHEMICAL INDUSTRIES PLC																
Patents By Year of Grant:	2275	183	192	233	131	94	68	61	63	45	41	39	25	17	15	3482
Patents By Year of Application:	2643	197	170	92	75	86	62	41	34	39	20	13	9	1	0	3482
HONEYWELL INC.																
Patents By Year of Grant:	1918	171	138	145	171	185	129	103	139	144	129	48	26	21	13	3480
Patents By Year of Application:	2208	159	160	188	143	116	146	161	116	64	10	4	5	0	0	3480
UNITED STATES OF AMERICA, AIR FORCE																
Patents By Year of Grant:	2039	149	145	139	138	86	104	94	84	91	84	106	76	68	55	3458
Patents By Year of Application:	2325	135	131	112	101	106	94	83	91	85	74	66	42	13	0	3458
YAZAKI CORP.																
Patents By Year of Grant:	266	132	164	130	119	115	180	242	291	307	305	336	315	313	203	3418
Patents By Year of Application:	482	144	118	142	195	221	326	319	306	284	356	286	197	40	2	3418
AMERICAN CYANAMID COMPANY																
Patents By Year of Grant:	2143	107	133	136	149	106	108	108	114	112	66	69	32	10	3	3396
Patents By Year of Application:	2370	126	138	148	117	184	52	81	61	72	41	6	0	0	0	3396
SUMITOMO ELECTRIC INDUSTRIES CO., LTD.																
Patents By Year of Grant:	833	132	180	233	233	233	210	172	159	162	136	156	171	184	177	3371
Patents By Year of Application:	1094	204	271	208	263	249	146	162	135	142	177	177	113	30	0	3371



---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 1000 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	688	155	178	227	217	156	182	165	277	307	260	252	259	18	5	3346
Patents By Year of Application:	1001	218	219	161	207	196	241	308	263	258	182	85	7	0	0	3346
ROCKWELL INTERNATIONAL CORPORATION																
Patents By Year of Grant:	2232	154	126	137	151	117	122	75	77	68	11	6	1	1	0	3278
Patents By Year of Application:	2505	147	139	133	115	121	61	45	8	3	0	1	0	0	0	3278
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	666	263	217	167	156	123	137	157	217	265	233	189	115	105	165	3175
Patents By Year of Application:	1074	183	175	133	170	171	262	266	297	143	88	81	97	33	2	3175
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	1346	1821	3167
Patents By Year of Application:	0	0	0	1	0	2	7	19	71	254	626	1012	888	276	11	3167
APPLIED MATERIALS, INC.																
Patents By Year of Grant:	55	16	38	52	56	68	97	93	178	266	390	442	503	537	360	3151
Patents By Year of Application:	95	55	55	82	109	172	276	366	359	422	558	350	216	35	1	3151
UOP																
Patents By Year of Grant:	1840	99	103	115	103	109	97	60	88	107	104	84	95	67	68	3139
Patents By Year of Application:	2002	98	124	95	128	83	79	92	111	121	91	69	41	5	0	3139
ELI LILLY AND COMPANY																
Patents By Year of Grant:	1302	66	63	79	79	148	245	223	182	190	162	115	123	91	59	3127
Patents By Year of Application:	1426	65	100	160	158	383	112	219	160	113	91	77	45	18	0	3127
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION																
Patents By Year of Grant:	1484	151	151	166	160	122	104	97	95	93	97	92	85	80	102	3079
Patents By Year of Application:	1721	170	159	167	125	111	99	95	102	72	99	77	68	14	0	3079
OKI ELECTRIC INDUSTRY CO., LTD.																
Patents By Year of Grant:	554	109	125	129	106	91	81	72	130	202	224	298	326	294	306	3047
Patents By Year of Application:	747	156	97	90	97	114	109	253	301	260	311	223	215	72	2	3047
NIPPONDENSO CO., LTD.																
Patents By Year of Grant:	1310	76	86	123	165	189	311	313	309	100	34	19	6	1	1	3043
Patents By Year of Application:	1447	108	164	212	267	390	365	57	18	8	5	1	1	0	0	3043
MONSANTO COMPANY, INC.																
Patents By Year of Grant:	2016	129	129	104	77	75	82	99	77	83	78	63	11	11	6	3040
Patents By Year of Application:	2262	96	89	87	83	119	76	92	55	54	16	7	4	0	0	3040

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ----- Ranked List of Organizations with 1000 or More Patents -----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
FUJI XEROX CO., LTD.																
Patents By Year of Grant:	517	73	116	137	159	182	173	197	283	259	199	170	187	175	198	3025
Patents By Year of Application:	722	128	160	183	165	250	312	279	183	190	187	141	87	38	0	3025
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	1	4	5	8	12	25	74	130	220	290	385	529	448	431	463	3025
Patents By Year of Application:	7	9	9	13	32	107	250	311	384	581	342	418	470	92	0	3025
CORNING INCORPORATED																
Patents By Year of Grant:	1180	60	82	102	108	74	88	78	72	103	112	215	250	259	237	3020
Patents By Year of Application:	1293	92	109	98	107	95	55	106	125	265	252	248	148	25	2	3020
NATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	570	95	103	119	149	186	202	188	178	197	188	183	208	217	219	3002
Patents By Year of Application:	744	111	157	157	218	259	167	174	227	189	197	190	157	53	2	3002
L'OREAL S.A.																
Patents By Year of Grant:	670	86	78	86	76	79	126	169	191	262	251	275	287	219	136	2991
Patents By Year of Application:	826	81	75	83	142	222	226	270	209	310	281	185	72	9	0	2991
DENSO CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	7	124	307	371	437	482	552	647	2927
Patents By Year of Application:	0	0	0	1	1	5	115	346	387	438	427	553	457	184	13	2927
HON HAI PRECISION IND. CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	1	13	26	50	176	523	496	509	484	631	2909
Patents By Year of Application:	0	0	0	0	12	33	35	106	263	613	369	577	593	263	45	2909
TEXACO INC.																
Patents By Year of Grant:	2097	100	107	111	88	107	65	25	34	35	43	25	22	19	13	2891
Patents By Year of Application:	2269	112	102	95	86	46	31	32	48	23	16	21	8	2	0	2891
PIONEER ELECTRONIC CORPORATION																
Patents By Year of Grant:	1037	180	235	220	174	148	101	110	141	140	132	120	64	36	30	2868
Patents By Year of Application:	1422	207	192	149	124	114	152	171	156	136	17	17	9	2	0	2868
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	181	476	463	567	608	560	2855
Patents By Year of Application:	3	2	8	9	14	35	79	293	443	481	543	530	290	123	2	2855
TRW INC.																
Patents By Year of Grant:	909	40	50	82	104	96	98	101	144	200	275	309	227	134	51	2820
Patents By Year of Application:	993	85	112	90	83	132	177	221	268	284	220	135	20	0	0	2820

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ----- Ranked List of Organizations with 1000 or More Patents -----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
AISIN SEIKI KABUSHIKI KAISHA																
Patents By Year of Grant:	1300	162	131	94	71	62	91	74	116	137	110	110	131	109	115	2813
Patents By Year of Application:	1546	112	80	72	84	89	119	129	124	120	92	141	82	23	0	2813
PFIZER INC.																
Patents By Year of Grant:	1080	91	81	67	77	76	83	102	120	119	165	176	187	196	166	2786
Patents By Year of Application:	1237	70	89	83	118	114	76	133	108	229	212	176	104	37	0	2786
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	948	86	80	48	36	44	42	82	99	154	194	264	211	253	239	2780
Patents By Year of Application:	1076	62	46	41	53	81	115	180	196	251	263	239	124	50	3	2780
LSI LOGIC CORPORATION																
Patents By Year of Grant:	23	10	20	39	45	78	127	168	229	339	325	289	308	375	378	2753
Patents By Year of Application:	54	27	59	91	114	232	307	397	382	216	258	366	191	59	0	2753
UNION CARBIDE CORPORATION																
Patents By Year of Grant:	2693	8	0	0	0	0	0	0	0	0	0	0	2	0	0	2703
Patents By Year of Application:	2701	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2703
ABBOTT LABORATORIES																
Patents By Year of Grant:	779	87	138	140	149	119	191	200	175	159	135	129	115	115	67	2698
Patents By Year of Application:	987	143	138	140	166	304	174	163	130	128	99	80	33	13	0	2698
AMP INCORPORATED																
Patents By Year of Grant:	2029	267	236	132	3	0	1	0	0	0	0	0	0	0	0	2668
Patents By Year of Application:	2342	213	112	0	1	0	0	0	0	0	0	0	0	0	0	2668
NCR CORPORATION																
Patents By Year of Grant:	977	103	89	101	95	54	39	83	176	192	143	140	164	168	129	2653
Patents By Year of Application:	1179	116	95	67	49	120	177	234	171	171	140	92	36	6	0	2653
PPG INDUSTRIES INC.																
Patents By Year of Grant:	2017	94	70	84	61	53	52	74	97	44	0	0	0	0	0	2646
Patents By Year of Application:	2180	82	48	67	66	78	71	53	1	0	0	0	0	0	0	2646
HOFFMANN-LA ROCHE INC.																
Patents By Year of Grant:	1522	78	73	88	89	104	106	79	72	70	62	77	73	84	63	2640
Patents By Year of Application:	1692	61	93	89	119	98	58	66	57	64	81	85	55	22	0	2640
THOMSON-CSF																
Patents By Year of Grant:	1693	138	107	90	84	90	52	52	66	67	47	46	46	21	12	2611
Patents By Year of Application:	1927	100	94	74	70	72	55	63	55	41	41	19	0	0	0	2611

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	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
<b>DAIMLER-BENZ AKTIENGESELLSCHAFT</b>																
Patents By Year of Grant:	1175	110	104	125	96	108	144	172	279	218	38	18	2	1	0	2590
Patents By Year of Application:	1342	110	113	110	158	183	228	237	105	3	0	1	0	0	0	2590
<b>DEERE + COMPANY</b>																
Patents By Year of Grant:	1183	95	73	90	64	72	65	59	71	99	82	146	145	178	166	2588
Patents By Year of Application:	1305	81	84	72	66	71	66	88	86	134	159	184	152	38	2	2588
<b>AMOCO CORPORATION</b>																
Patents By Year of Grant:	1718	158	187	147	88	58	67	56	67	16	0	0	0	0	0	2562
Patents By Year of Application:	2045	155	90	71	65	71	42	22	1	0	0	0	0	0	0	2562
<b>UNITED MICROELECTRONICS CORPORATION</b>																
Patents By Year of Grant:	1	0	5	10	48	150	170	149	174	266	430	584	278	188	77	2530
Patents By Year of Application:	5	5	8	71	224	188	205	226	521	483	275	211	89	19	0	2530
<b>RAYTHEON COMPANY</b>																
Patents By Year of Grant:	918	85	86	72	52	45	10	20	117	219	205	182	158	184	176	2529
Patents By Year of Application:	1122	94	48	57	30	54	145	237	143	135	148	144	134	36	2	2529
<b>LG ELECTRONICS INC.</b>																
Patents By Year of Grant:	0	0	0	0	0	1	21	119	227	244	234	290	381	441	551	2509
Patents By Year of Application:	0	0	1	2	1	172	233	311	307	313	397	382	248	130	12	2509
<b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b>																
Patents By Year of Grant:	814	101	126	112	100	105	119	102	139	145	114	128	136	127	132	2500
Patents By Year of Application:	1068	109	98	116	152	141	118	126	148	146	127	90	50	11	0	2500
<b>COLGATE-PALMOLIVE COMPANY</b>																
Patents By Year of Grant:	904	82	67	84	80	84	84	95	141	164	137	128	181	157	84	2472
Patents By Year of Application:	1060	93	58	75	93	87	139	141	104	124	126	145	142	83	2	2472
<b>HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.</b>																
Patents By Year of Grant:	5	14	19	24	54	79	138	154	212	244	298	539	392	180	107	2459
Patents By Year of Application:	34	30	31	71	127	173	257	305	330	462	425	160	42	12	0	2459
<b>BRIDGESTONE CORPORATION</b>																
Patents By Year of Grant:	834	96	97	126	109	95	85	85	94	112	108	163	143	112	120	2379
Patents By Year of Application:	1023	114	119	77	89	113	109	129	151	133	140	102	52	27	1	2379
<b>MAZDA MOTOR CORPORATION</b>																
Patents By Year of Grant:	962	204	204	180	135	109	59	62	66	60	91	73	53	58	53	2369
Patents By Year of Application:	1280	215	147	132	108	54	62	61	75	52	65	52	50	14	2	2369

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	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
MEDTRONIC INC.																
Patents By Year of Grant:	380	32	70	65	114	93	79	92	243	208	233	188	173	195	179	2344
Patents By Year of Application:	468	63	90	120	96	121	203	248	231	232	204	189	63	16	0	2344
NORTEL NETWORKS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	94	396	465	420	435	498	2308
Patents By Year of Application:	0	0	0	0	1	7	72	438	638	601	375	98	66	12	0	2308
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																
Patents By Year of Grant:	83	51	56	106	120	145	112	156	220	210	199	221	218	207	197	2301
Patents By Year of Application:	171	92	117	143	125	190	196	227	212	253	209	177	144	44	1	2301
DIGITAL EQUIPMENT CORPORATION																
Patents By Year of Grant:	462	149	227	281	276	190	167	133	169	133	93	15	0	0	0	2295
Patents By Year of Application:	908	235	268	211	173	152	154	139	50	5	0	0	0	0	0	2295
YAMAHA CORPORATION																
Patents By Year of Grant:	207	121	120	157	136	140	162	151	208	224	149	124	133	126	125	2283
Patents By Year of Application:	496	117	134	148	144	180	211	218	157	129	134	111	72	32	0	2283
NORTHERN TELECOM LIMITED																
Patents By Year of Grant:	1131	82	73	75	90	83	106	68	209	249	72	19	11	2	1	2271
Patents By Year of Application:	1266	73	67	117	93	110	253	226	63	3	0	0	0	0	0	2271
SHIN ETSU CHEMICAL CO., LTD.																
Patents By Year of Grant:	448	114	134	166	161	142	134	97	96	97	111	128	134	136	166	2264
Patents By Year of Application:	665	123	158	144	163	141	102	91	116	108	164	159	101	28	1	2264
WARNER-LAMBERT COMPANY																
Patents By Year of Grant:	1051	125	103	86	85	85	69	91	67	85	95	85	80	74	75	2256
Patents By Year of Application:	1259	83	74	90	102	108	47	72	103	93	68	71	63	22	1	2256
DELPHI TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	94	327	644	638	547	2252
Patents By Year of Application:	0	0	0	0	0	0	3	4	44	371	609	674	421	123	3	2252
GTE PRODUCTS CORPORATION																
Patents By Year of Grant:	1837	155	94	86	41	8	2	0	3	1	2	0	0	0	0	2229
Patents By Year of Application:	2044	108	68	7	2	0	0	0	0	0	0	0	0	0	0	2229
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																
Patents By Year of Grant:	191	58	54	70	58	43	90	98	127	185	155	210	246	275	336	2196
Patents By Year of Application:	308	67	71	62	118	164	168	223	174	210	206	220	171	31	3	2196

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	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
FMC CORPORATION																
Patents By Year of Grant:	1272	81	77	82	71	54	70	72	99	81	75	52	47	17	17	2167
Patents By Year of Application:	1407	97	58	73	72	76	93	96	69	49	55	15	6	0	1	2167
INFINEON TECHNOLOGIES AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	42	219	453	642	785	2141
Patents By Year of Application:	0	0	0	0	0	1	5	8	83	161	418	679	607	176	3	2141
PITNEY-BOWES, INC.																
Patents By Year of Grant:	849	75	102	92	82	98	73	85	124	98	83	81	83	91	117	2133
Patents By Year of Application:	1019	93	87	96	124	105	115	102	77	120	53	69	57	15	1	2133
DOW CORNING CORPORATION																
Patents By Year of Grant:	822	136	144	93	133	107	108	89	108	106	76	58	51	47	47	2125
Patents By Year of Application:	1043	114	108	127	127	110	112	88	88	64	44	50	45	5	0	2125
ILLINOIS TOOL WORKS INC.																
Patents By Year of Grant:	542	47	53	76	36	60	72	93	125	99	143	184	154	215	226	2125
Patents By Year of Application:	618	53	63	53	83	101	106	112	138	171	199	205	173	50	0	2125
AIR PRODUCTS AND CHEMICALS, INC.																
Patents By Year of Grant:	827	119	91	110	125	73	78	72	80	86	104	84	74	98	72	2093
Patents By Year of Application:	993	102	125	92	91	81	76	87	97	100	70	83	72	24	0	2093
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN(HENKEL KGAA)																
Patents By Year of Grant:	937	85	50	69	101	100	108	73	88	86	70	104	76	69	73	2089
Patents By Year of Application:	1070	59	94	91	123	93	113	88	78	101	71	49	46	11	2	2089
INSTITUT FRANCAIS DU PETROLE																
Patents By Year of Grant:	678	82	56	72	90	75	69	86	143	112	161	154	119	113	79	2089
Patents By Year of Application:	811	64	84	90	77	114	120	156	147	147	146	88	38	7	0	2089
KIMBERLY-CLARK WORLDWIDE, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	100	173	188	272	338	284	417	313	2085
Patents By Year of Application:	0	1	0	8	28	122	187	283	204	347	418	327	140	20	0	2085
TDK CORPORATION																
Patents By Year of Grant:	365	51	58	60	62	67	81	76	83	104	163	217	258	233	206	2084
Patents By Year of Application:	479	42	65	71	90	85	75	109	203	248	265	229	86	36	1	2084
VICTOR COMPANY OF JAPAN, LIMITED																
Patents By Year of Grant:	1058	91	82	79	68	51	62	64	77	79	82	63	62	65	89	2072
Patents By Year of Application:	1226	73	74	53	64	72	94	89	93	67	52	73	24	18	0	2072

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	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
COMMISSARIAT A L'ENERGIE ATOMIQUE																
Patents By Year of Grant:	1071	49	70	52	62	40	69	79	88	81	62	83	86	82	89	2063
Patents By Year of Application:	1172	61	55	51	71	85	94	93	63	97	83	78	50	10	0	2063
POLAROID CORPORATION																
Patents By Year of Grant:	1464	40	39	42	40	56	62	63	64	55	36	28	14	28	18	2049
Patents By Year of Application:	1531	52	30	48	76	70	68	60	30	18	38	13	12	3	0	2049
CHRYSLER MOTORS CORPORATION																
Patents By Year of Grant:	602	93	52	75	130	130	189	147	188	240	156	35	6	0	0	2043
Patents By Year of Application:	721	59	111	138	181	183	215	218	197	15	5	0	0	0	0	2043
COMPAQ COMPUTER CORPORATION, INC.																
Patents By Year of Grant:	38	30	63	71	77	121	118	132	250	267	321	365	166	24	0	2043
Patents By Year of Application:	134	81	90	122	133	161	330	373	407	131	68	12	1	0	0	2043
CHEVRON RESEARCH & TECHNOLOGY CO.																
Patents By Year of Grant:	1668	77	85	74	64	24	5	5	0	2	0	2	0	0	0	2006
Patents By Year of Application:	1819	65	72	36	10	2	1	0	0	0	1	0	0	0	0	2006
BECTON, DICKINSON AND COMPANY																
Patents By Year of Grant:	540	65	58	58	87	72	100	155	164	137	126	128	99	121	86	1996
Patents By Year of Application:	653	53	74	108	112	137	156	159	108	134	104	108	70	20	0	1996
NGK INSULATORS LTD.																
Patents By Year of Grant:	502	79	92	111	73	65	67	81	92	123	116	132	162	148	144	1987
Patents By Year of Application:	651	97	95	69	74	102	100	136	136	140	136	125	105	21	0	1987
UPJOHN COMPANY																
Patents By Year of Grant:	1797	23	31	30	24	24	33	21	1	1	0	1	0	0	1	1987
Patents By Year of Application:	1844	32	29	30	26	23	2	0	0	0	0	0	1	0	0	1987
BAXTER INTERNATIONAL INC.																
Patents By Year of Grant:	955	78	63	68	79	62	74	68	99	102	78	79	56	71	50	1982
Patents By Year of Application:	1096	64	73	91	90	107	84	99	86	64	50	42	31	5	0	1982
BLACK & DECKER INC.																
Patents By Year of Grant:	502	57	49	37	46	66	112	126	141	118	122	158	135	151	129	1949
Patents By Year of Application:	596	33	37	55	78	159	129	153	112	140	118	155	128	48	8	1949
ROHM AND HAAS COMPANY																
Patents By Year of Grant:	733	49	65	118	131	117	97	63	71	86	78	95	76	83	86	1948
Patents By Year of Application:	856	100	111	124	103	102	59	79	84	93	86	82	56	13	0	1948

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	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
HOECHST CELANESE CORPORATION																
Patents By Year of Grant:	1144	128	134	114	93	78	72	75	69	25	10	3	0	0	0	1945
Patents By Year of Application:	1371	120	100	78	79	92	61	39	3	2	0	0	0	0	0	1945
HARRIS CORP.																
Patents By Year of Grant:	747	60	60	62	69	71	93	118	126	123	70	94	82	71	89	1935
Patents By Year of Application:	855	73	84	54	114	122	131	98	98	86	82	70	55	13	0	1935
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	528	58	50	57	66	50	56	48	46	80	122	161	178	196	207	1903
Patents By Year of Application:	629	61	53	55	66	56	63	100	128	136	211	169	156	18	2	1903
BRISTOL-MYERS SQUIBB COMPANY																
Patents By Year of Grant:	586	71	61	54	59	73	76	109	125	138	110	104	102	136	97	1901
Patents By Year of Application:	712	47	65	104	102	119	113	110	107	115	103	112	75	17	0	1901
DAIMLER-CHRYSLER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	89	387	485	362	293	283	1899
Patents By Year of Application:	1	0	0	1	2	5	22	125	277	501	371	298	214	71	11	1899
UNITED STATES OF AMERICA, HEALTH & HUMAN SERVICES																
Patents By Year of Grant:	404	50	76	85	108	97	117	150	169	139	97	103	91	87	118	1891
Patents By Year of Application:	595	98	131	129	190	217	72	103	69	85	82	91	25	4	0	1891
W. R. GRACE & CO.-CONN.																
Patents By Year of Grant:	937	122	132	123	116	87	86	74	56	28	16	30	28	23	23	1881
Patents By Year of Application:	1159	135	102	112	71	118	43	34	20	19	23	25	16	4	0	1881
TEKTRONIX INC.																
Patents By Year of Grant:	961	80	67	60	43	63	72	57	73	105	60	57	61	55	58	1872
Patents By Year of Application:	1094	65	61	55	63	83	58	102	113	31	65	49	27	5	1	1872
FORD GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	86	315	259	260	364	397	151	7	1839
Patents By Year of Application:	0	0	3	11	21	75	239	293	265	279	412	188	51	2	0	1839
CASIO COMPUTER CO. LTD.																
Patents By Year of Grant:	544	143	111	87	114	115	126	86	125	86	86	73	64	38	37	1835
Patents By Year of Application:	798	86	134	87	120	118	103	141	93	54	61	24	12	4	0	1835
APPLE COMPUTER, INC.																
Patents By Year of Grant:	84	33	47	69	66	124	185	230	261	181	126	107	96	100	122	1831
Patents By Year of Application:	167	65	112	158	202	345	221	135	117	94	64	68	69	14	0	1831



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	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
AGILENT TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	124	338	314	388	647	1811
Patents By Year of Application:	0	0	1	0	2	5	9	29	233	345	341	368	351	123	4	1811
OLIN CORPORATION																
Patents By Year of Grant:	1229	106	118	73	74	47	57	28	23	17	17	4	5	4	7	1809
Patents By Year of Application:	1416	83	73	64	53	44	18	22	14	8	5	6	2	1	0	1809
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	29	25	35	47	73	77	91	90	101	176	193	204	238	191	229	1799
Patents By Year of Application:	75	51	46	103	107	95	116	190	205	169	273	213	107	47	2	1799
HEIDELBERGER DRUCKMASCHINEN AG																
Patents By Year of Grant:	220	64	62	47	64	97	88	88	129	96	122	94	158	248	205	1782
Patents By Year of Application:	330	39	55	105	94	119	117	108	138	143	199	203	111	21	0	1782
ATLANTIC RICHFIELD COMPANY																
Patents By Year of Grant:	1244	62	59	67	70	61	38	29	34	42	36	19	3	1	0	1765
Patents By Year of Application:	1349	61	67	71	46	46	31	31	36	21	5	1	0	0	0	1765
ERICSSON, INC.																
Patents By Year of Grant:	5	0	0	0	0	4	29	70	211	297	332	272	254	181	109	1764
Patents By Year of Application:	5	2	3	9	38	97	339	369	372	326	137	53	12	2	0	1764
ITT CORPORATION																
Patents By Year of Grant:	1267	63	64	61	81	85	69	36	24	11	2	0	0	0	0	1763
Patents By Year of Application:	1372	71	71	91	75	63	14	5	1	0	0	0	0	0	0	1763
TAKEDA CHEMICAL INDUSTRIES LTD.																
Patents By Year of Grant:	755	50	66	93	68	70	99	77	73	80	71	102	64	46	39	1753
Patents By Year of Application:	891	76	72	86	93	101	85	70	47	90	63	46	30	3	0	1753
LUCAS INDUSTRIES PUBLIC LTD. COMPANY																
Patents By Year of Grant:	1084	74	40	40	33	48	52	54	58	50	45	67	44	26	16	1731
Patents By Year of Application:	1183	44	35	39	58	61	59	53	55	55	45	29	15	0	0	1731
NOKIA MOBILE PHONES LTD.																
Patents By Year of Grant:	0	10	21	34	60	66	45	52	138	204	219	235	265	204	166	1719
Patents By Year of Application:	34	30	65	49	65	83	186	269	258	265	267	134	12	2	0	1719
WHITAKER CORPORATION																
Patents By Year of Grant:	0	0	0	61	195	201	212	198	222	231	258	79	39	8	3	1707
Patents By Year of Application:	3	11	115	233	246	221	243	278	230	102	21	4	0	0	0	1707

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	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
AGFA-GEVAERT N.V.																
Patents By Year of Grant:	353	40	36	54	67	95	104	114	141	127	174	140	104	81	71	1701
Patents By Year of Application:	418	53	50	82	116	136	170	132	164	132	102	78	52	16	0	1701
NIPPON STEEL CORP.																
Patents By Year of Grant:	692	63	75	80	79	85	72	89	94	67	56	51	62	59	41	1665
Patents By Year of Application:	810	90	77	79	81	101	101	83	52	55	51	48	33	4	0	1665
SUMITOMO WIRING SYSTEMS, LTD., CO.																
Patents By Year of Grant:	18	31	48	30	63	116	133	122	132	143	154	152	192	167	164	1665
Patents By Year of Application:	86	28	46	88	196	136	118	155	116	136	163	176	134	82	5	1665
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.																
Patents By Year of Grant:	506	81	90	86	55	57	73	76	131	102	104	94	74	62	54	1645
Patents By Year of Application:	651	77	86	61	87	87	127	125	97	88	68	43	37	9	2	1645
CARRIER CORPORATION																
Patents By Year of Grant:	632	75	61	55	64	67	51	41	69	66	109	98	84	90	77	1639
Patents By Year of Application:	736	63	54	66	68	57	71	66	105	73	89	91	76	23	1	1639
AGENCY OF INDUSTRIAL SCIENCE & TECHNOLOGY																
Patents By Year of Grant:	724	97	72	62	49	57	57	73	71	57	71	65	55	53	23	1586
Patents By Year of Application:	871	66	50	51	69	78	78	72	55	61	113	7	12	2	1	1586
FANUC LTD.																
Patents By Year of Grant:	608	129	125	102	87	70	73	51	71	51	47	53	38	27	29	1561
Patents By Year of Application:	849	103	84	64	87	91	36	69	61	52	23	22	15	4	1	1561
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	61	222	351	380	536	1550
Patents By Year of Application:	1	2	0	0	2	4	9	33	112	183	421	378	324	80	1	1550
FUJI ELECTRIC CO., LTD.																
Patents By Year of Grant:	400	67	70	64	77	100	124	95	92	110	72	53	57	77	74	1532
Patents By Year of Application:	509	79	74	102	126	120	90	92	71	50	75	81	50	13	0	1532
KAO KABUSHIKI KAISHA (KAO CORPORATION)																
Patents By Year of Grant:	267	76	88	69	78	82	70	109	131	98	84	94	94	92	96	1528
Patents By Year of Application:	404	94	80	67	92	113	126	112	113	64	92	114	49	8	0	1528
NIKE, INC.																
Patents By Year of Grant:	48	57	109	122	111	57	42	173	220	123	101	65	86	82	129	1525
Patents By Year of Application:	137	110	111	83	61	73	171	163	126	92	98	68	108	83	41	1525

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	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
AMERICAN HOME PRODUCTS CORPORATION																
Patents By Year of Grant:	809	48	56	68	31	60	96	34	50	47	48	85	82	3	1	1518
Patents By Year of Application:	875	62	60	47	72	96	39	37	44	75	93	15	3	0	0	1518
LEVER BROTHERS COMPANY, DIVISION OF CONOPCO, INC.																
Patents By Year of Grant:	825	62	63	54	67	76	81	57	68	72	47	30	10	2	2	1516
Patents By Year of Application:	944	64	45	78	59	97	82	74	50	14	8	1	0	0	0	1516
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	59	286	323	399	428	1495
Patents By Year of Application:	0	0	0	2	5	13	10	29	185	307	365	409	154	15	1	1495
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	92	43	57	70	83	68	70	79	98	108	134	160	141	162	124	1489
Patents By Year of Application:	164	71	82	69	80	111	87	147	136	132	150	145	104	11	0	1489
ROHM COMPANY LIMITED																
Patents By Year of Grant:	15	21	15	55	158	152	102	96	112	95	116	132	150	128	135	1482
Patents By Year of Application:	43	35	181	134	141	108	103	115	116	130	154	114	80	27	1	1482
MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG																
Patents By Year of Grant:	423	34	51	78	59	65	54	63	99	56	75	79	107	129	107	1479
Patents By Year of Application:	532	66	57	59	70	87	91	58	66	81	105	115	77	15	0	1479
ASAHI KASEI KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	759	33	35	57	54	35	29	30	50	61	69	66	79	62	57	1476
Patents By Year of Application:	838	52	41	33	43	30	46	79	64	56	79	62	48	5	0	1476
UNIVERSITY OF TEXAS																
Patents By Year of Grant:	223	84	73	86	97	89	87	81	96	91	89	89	91	94	99	1469
Patents By Year of Application:	417	78	102	105	110	124	67	93	81	89	89	74	35	5	0	1469
AGFA-GEVAERT, AG																
Patents By Year of Grant:	1049	53	33	36	40	39	20	39	50	54	13	6	14	6	7	1459
Patents By Year of Application:	1117	35	42	35	39	49	40	51	20	13	11	3	1	3	0	1459
ALCATEL																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	61	248	315	277	269	288	1458
Patents By Year of Application:	0	0	0	0	0	1	7	123	380	407	281	150	94	14	1	1458
HALLIBURTON CO.																
Patents By Year of Grant:	853	60	61	74	162	88	94	39	25	1	0	0	0	0	0	1457
Patents By Year of Application:	937	76	131	131	82	65	28	7	0	0	0	0	0	0	0	1457

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	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
SCI-MED LIFE SYSTEMS, INC.																
Patents By Year of Grant:	10	8	15	21	22	40	47	32	54	83	148	180	222	312	252	1446
Patents By Year of Application:	33	18	26	33	50	57	54	113	170	228	263	280	93	28	0	1446
OWENS-CORNING FIBERGLAS CORPORATION																
Patents By Year of Grant:	912	15	15	14	20	11	35	65	68	67	55	44	49	38	36	1444
Patents By Year of Application:	942	13	14	17	39	67	80	67	57	49	41	32	21	5	0	1444
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE																
Patents By Year of Grant:	684	47	55	54	38	49	41	49	75	71	55	67	51	63	41	1440
Patents By Year of Application:	791	58	39	49	51	67	74	65	52	51	56	62	23	2	0	1440
E. R. SQUIBB + SONS, INC.																
Patents By Year of Grant:	1070	53	71	70	44	27	28	29	19	11	4	2	2	3	0	1433
Patents By Year of Application:	1189	76	59	33	22	33	11	7	2	1	0	0	0	0	0	1433
SUMITOMO RUBBER INDUSTRIES, LTD.																
Patents By Year of Grant:	247	63	61	79	79	76	76	69	83	71	84	91	88	130	129	1426
Patents By Year of Application:	372	81	71	76	93	65	77	93	95	97	106	115	68	16	1	1426
ALCOA INC.																
Patents By Year of Grant:	736	67	52	65	58	51	53	33	57	49	35	41	38	42	42	1419
Patents By Year of Application:	854	62	51	57	55	51	52	47	36	31	43	40	29	11	0	1419
B. F. GOODRICH CO.																
Patents By Year of Grant:	948	73	69	59	47	30	33	17	29	28	24	39	17	5	1	1419
Patents By Year of Application:	1083	43	60	39	33	32	22	36	23	30	15	2	1	0	0	1419
EXXON CHEMICALS PATENTS INC.																
Patents By Year of Grant:	211	116	93	115	113	124	103	115	119	112	111	69	6	6	3	1416
Patents By Year of Application:	429	82	96	137	108	174	98	166	84	38	4	0	0	0	0	1416
NIPPON TELEGRAPH & TELEPHONE CORP.																
Patents By Year of Grant:	560	42	48	54	47	54	61	66	88	58	67	79	56	65	65	1410
Patents By Year of Application:	639	49	52	54	74	77	89	89	87	74	59	35	26	6	0	1410
SEIKO INSTRUMENTS INC.																
Patents By Year of Grant:	97	53	63	55	51	62	56	60	67	79	98	151	192	184	142	1410
Patents By Year of Application:	220	58	45	70	85	76	66	76	113	150	167	164	92	28	0	1410
EMERSON ELECTRIC CO.																
Patents By Year of Grant:	577	44	46	53	46	36	52	43	62	73	83	83	63	60	80	1401
Patents By Year of Application:	640	55	46	50	64	39	65	70	86	81	66	55	62	21	1	1401

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	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
SUNDSTRAND CORPORATION																
Patents By Year of Grant:	747	196	120	66	57	31	45	29	45	35	8	2	0	0	0	1381
Patents By Year of Application:	1063	70	50	52	38	28	41	29	10	0	0	0	0	0	0	1381
CALIFORNIA INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	307	36	32	29	47	37	24	46	94	100	103	125	111	138	138	1367
Patents By Year of Application:	376	28	44	51	42	72	95	96	128	126	123	120	53	13	0	1367
STANFORD UNIVERSITY, LELAND JUNIOR, THE BOARD OF TRUSTEES OF																
Patents By Year of Grant:	363	57	42	50	63	55	56	64	79	84	103	85	102	86	76	1365
Patents By Year of Application:	466	47	63	68	79	87	63	92	106	105	79	66	41	3	0	1365
DEGUSSA AKTIENGESELLSCHAFT																
Patents By Year of Grant:	504	68	52	61	62	42	50	48	63	49	21	39	86	102	117	1364
Patents By Year of Application:	608	48	69	54	49	55	61	64	33	44	63	135	68	13	0	1364
SMITHKLINE BEECHAM CORPORATION																
Patents By Year of Grant:	12	15	10	16	7	24	24	72	98	191	197	256	211	140	90	1363
Patents By Year of Application:	40	7	15	20	44	93	69	260	217	219	151	122	88	17	1	1363
MITA INDUSTRIAL COMPANY LTD.																
Patents By Year of Grant:	397	89	105	128	95	89	94	73	169	81	32	3	0	0	0	1355
Patents By Year of Application:	585	98	113	104	81	104	101	111	42	15	1	0	0	0	0	1355
DANA CORPORATION																
Patents By Year of Grant:	380	44	40	47	59	42	59	79	82	88	103	97	77	70	86	1353
Patents By Year of Application:	447	57	58	39	68	86	101	88	80	108	61	94	52	13	1	1353
CITIZEN WATCH CO., LTD.																
Patents By Year of Grant:	670	28	23	31	27	34	35	34	44	71	82	89	65	56	56	1345
Patents By Year of Application:	720	29	19	32	46	43	45	85	82	93	76	47	21	7	0	1345
CISCO TECHNOLOGY, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	19	45	109	165	224	342	434	1338
Patents By Year of Application:	0	0	0	0	1	14	35	113	267	430	294	90	73	20	1	1338
MITSUI TOATSU CHEMICALS INC.																
Patents By Year of Grant:	562	88	130	139	118	96	79	72	45	2	2	0	0	0	0	1333
Patents By Year of Application:	773	107	118	105	87	97	39	7	0	0	0	0	0	0	0	1333
QUALCOMM, INC.																
Patents By Year of Grant:	8	4	9	8	9	23	51	46	84	120	109	175	196	180	284	1306
Patents By Year of Application:	20	9	9	22	56	79	126	135	182	274	146	156	75	17	0	1306

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	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
TOYODA JIDOSHOKKI SEISAKUSHO KABUSHIKI KAISHA																
Patents By Year of Grant:	341	46	26	40	53	51	51	49	80	88	118	133	141	67	15	1299
Patents By Year of Application:	401	27	51	58	52	62	70	118	113	117	143	85	2	0	0	1299
TORAY INDUSTRIES INC.																
Patents By Year of Grant:	573	39	39	41	41	44	37	62	48	61	70	72	65	62	44	1298
Patents By Year of Application:	650	34	41	54	52	47	73	67	80	72	49	54	22	3	0	1298
ETHYL CORPORATION																
Patents By Year of Grant:	856	118	95	88	51	8	12	14	10	8	11	8	4	8	4	1295
Patents By Year of Application:	1027	93	71	27	6	17	10	11	9	10	5	3	6	0	0	1295
NORTHROP GRUMMAN CORPORATION																
Patents By Year of Grant:	0	0	0	0	8	55	106	104	198	164	132	88	97	152	175	1279
Patents By Year of Application:	30	2	8	39	82	169	139	183	145	107	127	130	79	38	1	1279
MOLEX INCORPORATED																
Patents By Year of Grant:	180	52	76	83	89	56	63	72	81	93	111	108	72	42	92	1270
Patents By Year of Application:	244	73	95	102	73	72	88	106	104	98	83	52	42	36	2	1270
ZENITH ELECTRONICS CORPORATION																
Patents By Year of Grant:	835	59	61	46	36	31	33	33	28	25	24	17	8	16	14	1266
Patents By Year of Application:	934	59	51	29	30	34	37	32	20	20	10	6	1	3	0	1266
LOCKHEED MARTIN CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	20	49	109	121	178	159	193	224	203	1256
Patents By Year of Application:	31	2	0	7	23	68	107	107	162	184	188	201	146	28	2	1256
INTERNATIONAL FLAVORS + FRAGRANCES INC																
Patents By Year of Grant:	952	39	25	26	30	27	19	12	17	4	20	21	20	13	8	1233
Patents By Year of Application:	991	31	17	37	29	18	18	11	11	26	20	16	7	1	0	1233
G. D. SEARLE & CO.																
Patents By Year of Grant:	395	40	47	92	58	90	66	75	60	62	61	39	74	46	27	1232
Patents By Year of Application:	472	67	88	75	90	122	56	45	47	50	50	42	26	2	0	1232
DAEWOO ELECTRONICS COMPANY, LTD.																
Patents By Year of Grant:	9	0	3	1	19	47	131	216	320	279	123	55	15	4	7	1229
Patents By Year of Application:	11	2	6	44	151	215	305	282	175	20	7	5	4	2	0	1229
BASF CORP.																
Patents By Year of Grant:	187	46	57	91	63	73	101	92	97	89	82	58	83	55	45	1219
Patents By Year of Application:	272	76	80	69	76	153	106	107	68	60	68	49	27	8	0	1219

----- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2004)										----- Ranked List of Organizations with 1000 or More Patents -----				
	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
ROLLS-ROYCE PLC																
Patents By Year of Grant:	600	48	67	47	41	47	35	34	26	36	43	42	42	56	54	1218
Patents By Year of Application:	703	48	27	52	44	41	26	48	35	42	44	48	50	10	0	1218
KAWASAKI STEEL CORPORATION																
Patents By Year of Grant:	401	52	44	59	83	54	62	70	59	64	60	86	77	42	3	1216
Patents By Year of Application:	483	63	75	68	73	61	72	61	72	68	63	46	10	1	0	1216
SCHERING AKTIENGESELLSCHAFT																
Patents By Year of Grant:	618	41	54	40	31	49	31	44	52	45	61	35	33	41	38	1213
Patents By Year of Application:	725	40	39	46	46	67	37	37	47	36	45	27	17	4	0	1213
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	344	45	48	50	42	36	47	47	64	68	54	85	82	106	93	1211
Patents By Year of Application:	430	40	45	40	49	50	73	83	66	79	73	93	73	16	1	1211
KIMBERLY-CLARK CORPORATION																
Patents By Year of Grant:	594	50	59	49	65	84	146	111	23	9	8	6	3	2	0	1209
Patents By Year of Application:	706	43	61	82	125	138	41	4	1	6	1	1	0	0	0	1209
KOBE STEEL LTD.																
Patents By Year of Grant:	485	61	74	36	58	43	46	42	67	59	49	46	45	45	48	1204
Patents By Year of Application:	590	55	58	41	61	46	67	74	39	47	40	45	35	6	0	1204
YOSHIDA KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	828	92	73	50	68	66	15	2	1	0	1	0	0	0	0	1196
Patents By Year of Application:	957	57	49	92	35	6	0	0	0	0	0	0	0	0	0	1196
FUJI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	429	137	60	39	29	33	34	37	40	32	44	56	51	85	87	1193
Patents By Year of Application:	610	37	35	35	38	40	36	42	46	51	52	88	56	26	1	1193
MITSUBISHI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	588	62	86	85	69	65	61	57	59	32	14	4	1	4	3	1190
Patents By Year of Application:	695	101	81	58	61	73	76	30	5	3	4	1	2	0	0	1190
SCHERING CORP.																
Patents By Year of Grant:	436	52	32	32	33	50	29	71	78	81	53	72	63	64	44	1190
Patents By Year of Application:	524	30	43	47	56	111	48	67	55	67	53	54	34	1	0	1190
FUJINON CORPORATION (FORMERLY FUJI PHOTO OPTICAL CO. LTD.)																
Patents By Year of Grant:	178	7	8	22	44	26	44	76	102	86	114	96	126	130	125	1184
Patents By Year of Application:	185	21	27	45	40	67	86	107	93	130	119	112	102	50	0	1184

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	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
LITTON SYSTEMS INC.																
Patents By Year of Grant:	425	42	33	39	63	73	67	35	59	78	73	92	42	36	27	1184
Patents By Year of Application:	514	38	55	68	72	35	45	84	84	89	50	30	14	6	0	1184
SANDOZ LTD.																
Patents By Year of Grant:	778	52	41	47	44	45	85	57	20	10	0	0	0	0	0	1179
Patents By Year of Application:	871	49	40	47	67	81	16	8	0	0	0	0	0	0	0	1179
3COM CORPORATION																
Patents By Year of Grant:	4	1	0	2	9	18	20	22	37	93	161	229	196	200	182	1174
Patents By Year of Application:	5	3	14	15	19	36	40	151	274	326	206	61	17	7	0	1174
BRUNSWICK CORPORATION																
Patents By Year of Grant:	641	30	38	14	23	26	17	24	50	52	61	55	52	45	41	1169
Patents By Year of Application:	688	29	9	31	24	28	35	66	42	56	53	51	43	13	1	1169
STAUFFER CHEMICAL COMPANY																
Patents By Year of Grant:	1163	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1166
Patents By Year of Application:	1166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1166
DRESSER INDUSTRIES, INC.																
Patents By Year of Grant:	851	37	28	20	22	12	15	25	27	46	44	23	7	2	0	1159
Patents By Year of Application:	905	24	18	13	22	26	27	38	59	21	4	2	0	0	0	1159
MANNESMANN AG																
Patents By Year of Grant:	423	63	63	85	61	52	54	47	59	65	69	62	24	24	3	1154
Patents By Year of Application:	539	80	59	57	56	58	56	70	64	79	24	11	1	0	0	1154
MATSUSHITA ELECTRIC WORKS, LTD.																
Patents By Year of Grant:	433	34	46	48	53	37	46	25	54	69	65	56	54	66	68	1154
Patents By Year of Application:	508	45	50	42	43	36	47	76	68	48	72	62	44	11	2	1154
WISCONSIN ALUMNI RESEARCH FOUNDATION																
Patents By Year of Grant:	257	44	39	53	50	44	64	62	83	86	64	74	80	85	64	1149
Patents By Year of Application:	340	41	50	55	59	88	69	84	69	92	85	79	33	5	0	1149
SINGER COMPANY																
Patents By Year of Grant:	1148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1148
Patents By Year of Application:	1148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1148
UNITED STATES SURGICAL CORPORATION																
Patents By Year of Grant:	171	33	50	57	118	160	141	97	93	98	46	33	17	16	14	1144
Patents By Year of Application:	244	61	113	164	143	128	98	89	39	24	14	20	6	1	0	1144



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	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
WHIRLPOOL CORPORATION																
Patents By Year of Grant:	523	65	41	42	45	35	46	21	43	38	39	24	53	78	51	1144
Patents By Year of Application:	624	25	34	62	44	31	27	53	19	33	35	66	60	29	2	1144
PORSCHKE AG																
Patents By Year of Grant:	363	53	49	33	31	43	50	53	42	70	49	67	85	75	80	1143
Patents By Year of Application:	436	44	30	49	50	57	48	79	46	46	67	94	75	21	1	1143
SMITHKLINE BECKMAN CORPORATION																
Patents By Year of Grant:	918	14	31	19	27	37	27	21	24	21	0	0	1	0	0	1140
Patents By Year of Application:	957	30	34	23	28	33	17	15	3	0	0	0	0	0	0	1140
MEAD CORPORATION																
Patents By Year of Grant:	703	56	38	38	37	27	20	32	54	40	29	25	22	16	0	1137
Patents By Year of Application:	786	32	38	35	24	30	46	43	32	19	35	10	7	0	0	1137
NATIONAL RESEARCH DEVELOPMENT CORPORATION																
Patents By Year of Grant:	977	58	60	19	3	1	0	1	1	1	2	3	3	1	0	1130
Patents By Year of Application:	1088	27	2	2	1	2	0	0	4	1	2	1	0	0	0	1130
NESTEC, S.A.																
Patents By Year of Grant:	201	41	56	69	47	64	50	45	67	108	76	97	67	73	59	1120
Patents By Year of Application:	282	61	73	55	62	63	78	85	84	70	95	70	34	8	0	1120
AMERICAN STANDARD, INC.																
Patents By Year of Grant:	516	75	43	51	37	42	53	31	47	79	87	18	16	18	6	1119
Patents By Year of Application:	633	45	29	36	49	57	46	44	74	71	5	11	19	0	0	1119
MCDONNELL DOUGLAS CORP.																
Patents By Year of Grant:	446	45	34	38	26	40	43	52	111	138	77	41	15	3	8	1117
Patents By Year of Application:	533	41	27	22	55	53	115	154	80	20	6	6	5	0	0	1117
DART INDUSTRIES INC.																
Patents By Year of Grant:	568	33	21	22	39	26	32	41	57	60	48	43	35	62	28	1115
Patents By Year of Application:	625	20	31	19	25	50	45	48	56	41	38	39	53	23	2	1115
NALCO CHEMICAL COMPANY																
Patents By Year of Grant:	553	49	71	59	71	69	30	34	33	34	41	38	31	0	0	1113
Patents By Year of Application:	635	66	65	77	48	48	35	32	40	35	28	4	0	0	0	1113
DAIKIN INDUSTRIES LIMITED																
Patents By Year of Grant:	351	45	57	50	37	30	32	52	60	43	60	83	68	66	78	1112
Patents By Year of Application:	446	48	39	30	46	62	46	59	73	71	63	69	51	9	0	1112

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	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
VLSI TECHNOLOGY, INC.																
Patents By Year of Grant:	18	26	44	68	89	112	100	94	150	158	135	88	27	0	0	1109
Patents By Year of Application:	98	77	90	89	102	116	162	186	108	69	11	1	0	0	0	1109
CASE CORPORATION																
Patents By Year of Grant:	497	29	24	36	17	21	26	23	37	67	79	73	51	77	49	1106
Patents By Year of Application:	543	24	31	17	29	37	53	53	67	78	52	68	41	13	0	1106
SEAGATE TECHNOLOGY, INCORPORATED																
Patents By Year of Grant:	50	39	52	62	48	40	65	98	164	193	237	29	15	8	3	1103
Patents By Year of Application:	149	44	43	47	88	122	142	246	162	46	9	5	0	0	0	1103
UNION OIL COMPANY OF CALIFORNIA																
Patents By Year of Grant:	707	91	88	54	47	28	11	15	14	8	13	8	4	5	3	1096
Patents By Year of Application:	866	64	51	34	19	16	6	9	13	6	5	4	2	1	0	1096
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	4	57	145	237	268	219	165	1095
Patents By Year of Application:	0	0	1	1	1	13	18	48	158	235	261	227	111	21	0	1095
HALLIBURTON ENERGY SERVICES, INC.																
Patents By Year of Grant:	0	0	0	1	0	2	0	25	75	115	140	170	167	186	212	1093
Patents By Year of Application:	0	0	2	2	3	16	72	128	153	159	160	183	185	29	1	1093
TEIJIN LIMITED																
Patents By Year of Grant:	489	26	29	53	44	43	38	47	37	37	43	55	57	45	41	1084
Patents By Year of Application:	552	42	34	38	56	57	33	35	46	53	49	57	25	7	0	1084
GOLDSTAR COMPANY, LTD.																
Patents By Year of Grant:	166	67	89	96	155	183	182	85	36	13	1	2	1	0	0	1076
Patents By Year of Application:	309	119	141	178	217	61	40	10	0	1	0	0	0	0	0	1076
DELL PRODUCTS, L.P.																
Patents By Year of Grant:	0	0	2	9	18	66	88	96	109	85	95	132	109	131	134	1074
Patents By Year of Application:	10	15	4	63	87	127	89	118	94	196	117	93	39	22	0	1074
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	321	48	42	39	50	34	32	22	45	64	57	68	59	92	100	1073
Patents By Year of Application:	395	43	51	31	47	36	31	75	61	72	65	79	65	20	2	1073
CONOCO, INC.																
Patents By Year of Grant:	824	55	50	37	19	13	11	7	7	7	2	9	21	5	3	1070
Patents By Year of Application:	899	52	28	15	13	7	8	8	4	11	14	8	3	0	0	1070

----- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2004)										----- Ranked List of Organizations with 1000 or More Patents -----				
	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
TOYODA GOSEI KABUSHIKI KAISHA																
Patents By Year of Grant:	255	37	47	41	42	48	39	52	75	67	58	50	84	87	88	1070
Patents By Year of Application:	305	64	38	51	45	65	77	69	67	45	82	79	69	14	0	1070
ETHICON, INC.																
Patents By Year of Grant:	220	23	35	53	71	72	45	61	55	61	75	73	70	90	62	1066
Patents By Year of Application:	261	40	70	84	57	55	74	62	87	84	80	84	21	7	0	1066
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE																
Patents By Year of Grant:	230	29	44	42	45	58	52	35	50	76	75	130	81	80	39	1066
Patents By Year of Application:	286	38	51	47	63	49	56	71	79	113	102	74	28	9	0	1066
COMBUSTION ENGINEERING INC.																
Patents By Year of Grant:	782	18	19	48	59	26	19	15	39	22	14	3	0	0	0	1064
Patents By Year of Application:	816	22	65	45	29	17	28	24	14	3	1	0	0	0	0	1064
BRITISH TELECOMMUNICATION, PLC																
Patents By Year of Grant:	251	52	60	42	50	64	49	37	74	80	72	94	58	48	32	1063
Patents By Year of Application:	359	47	56	64	73	48	91	81	173	20	27	18	6	0	0	1063
BABCOCK & WILCOX COMPANY																
Patents By Year of Grant:	575	43	45	69	42	53	71	56	38	9	14	16	15	7	7	1060
Patents By Year of Application:	638	58	56	50	80	67	38	22	12	12	10	8	9	0	0	1060
CYPRESS SEMICONDUCTOR CORP.																
Patents By Year of Grant:	18	5	3	4	6	20	21	51	105	116	113	107	123	185	175	1052
Patents By Year of Application:	23	5	8	13	32	71	115	152	98	119	162	167	77	10	0	1052
BENDIX CORPORATION(NOW ALLIED-SIGNAL INC.)																
Patents By Year of Grant:	1048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1048
Patents By Year of Application:	1048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1048
RAYCHEM CORPORATION																
Patents By Year of Grant:	649	57	55	41	37	40	34	35	51	36	5	0	0	0	0	1040
Patents By Year of Application:	755	39	46	38	31	50	42	35	4	0	0	0	0	0	0	1040
LG SEMICON CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	32	119	235	312	255	42	30	8	4	1037
Patents By Year of Application:	0	0	0	2	10	140	230	328	237	69	10	7	3	1	0	1037
SANSKIN KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	223	73	49	57	57	32	74	58	83	70	87	63	72	35	2	1035
Patents By Year of Application:	326	49	54	62	48	72	99	79	85	64	63	30	4	0	0	1035

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	Pre																
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL	
XILINX, INC.																	
Patents By Year of Grant:	16	2	4	4	24	21	56	60	78	93	115	126	146	137	137	1019	
Patents By Year of Application:	23	9	10	23	37	83	81	110	108	112	169	112	106	34	2	1019	
HERCULES INCORPORATED																	
Patents By Year of Grant:	566	67	39	31	34	26	42	37	32	22	32	36	29	17	7	1017	
Patents By Year of Application:	672	39	32	24	47	38	33	34	31	22	29	10	6	0	0	1017	
GILLETTE COMPANY																	
Patents By Year of Grant:	347	41	24	32	52	36	31	29	60	55	72	69	62	53	50	1013	
Patents By Year of Application:	410	36	48	35	36	37	56	56	50	72	82	44	30	19	2	1013	
FURUKAWA ELECTRIC CO., LTD.																	
Patents By Year of Grant:	160	19	32	55	61	47	44	26	41	53	41	52	85	134	162	1012	
Patents By Year of Application:	203	42	63	56	45	39	44	61	40	50	98	159	93	17	2	1012	
STANDARD OIL COMPANY																	
Patents By Year of Grant:	823	33	41	20	11	9	7	15	10	11	11	8	9	2	2	1012	
Patents By Year of Application:	887	30	11	3	10	16	10	11	12	11	6	5	0	0	0	1012	
MILES INC.																	
Patents By Year of Grant:	597	37	103	109	90	62	6	7	0	0	0	0	0	0	0	1011	
Patents By Year of Application:	717	105	85	66	33	5	0	0	0	0	0	0	0	0	0	1011	
CIBA SPECIALTY CHEMICALS CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	23	164	182	158	114	142	124	99	1006	
Patents By Year of Application:	0	2	2	9	5	39	120	190	176	100	132	138	74	18	1	1006	
MITSUBISHI GAS-CHEMICAL COMPANY, INC.																	
Patents By Year of Grant:	349	49	47	44	51	51	40	33	47	66	43	51	48	46	38	1003	
Patents By Year of Application:	435	44	42	51	45	40	54	53	52	53	46	44	35	8	1	1003	
Other Organizations (206193)																	
Patents By Year of Grant:	479694	48336	49035	49680	51504	51923	55817	58865	77502	81373	85156	91744	93175	96424	95364	1465592	
Patents By Year of Application:	566889	49132	51529	54650	62449	75252	73527	85610	86828	93445	95114	86244	62533	21230	1160	1465592	