

TECHNOLOGY ASSESSMENT AND FORECAST REPORT

MECHANICAL CLASSES

1/1992 – 12/2011



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U.S. PATENT AND TRADEMARK OFFICE
ELECTRONIC INFORMATION PRODUCTS DIVISION- PTMT
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A PATENT TECHNOLOGY MONITORING TEAM REPORT

Technology Profile Report - MECHANICAL Classes

Explanation of Data

This Technology Profile Report profiles the patent activity for U.S. utility patents granted between **1992** and **December 2011** in MECHANICAL technology discipline classes within the U.S. Patent Classification System (USPCS).

The report is generated by identifying appropriate Patent and Trademark Office (PTO) classes, i.e., those entirely or substantially pertinent to the technology discipline of interest. The patents in these classes are then included in the profile. This procedure results, in most cases, in the inclusion of the majority of patents relevant to the technology discipline and few, if any, patents which are not relevant. However, any patent listing provided should not be considered to be inclusive of all relevant patents, nor exclusive of all irrelevant patents.

Data Distribution By Date of Grant and By Date of Application

Parts A1 and A2

Part A1 distributes utility patent GRANT data by year of patent grant ("Patents Granted By Date of Patent Grant"). Part A2 distributes patent 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, as shown in the "**Pre 1998**" column, correspond to selected patents in the database which were granted during the period **1992 to 1997**.

Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since 1992. Data are presented by the year in which the patent was granted ("Patents By Year of Grant") and the year the patented application was filed ("Patents by Year of Application").

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

Since the average time period between filing for a utility patent and the issuing of the patent (i.e., the patent's "pendency") is now about **34** months, the patented application data for applications filed in the most recent years are incomplete.* This is because the patents included in this report are limited to those granted during the specified time period. However, a significant number of the applications filed during the most recent years of this time period were still pending at the end of the period. While many of these applications eventually will be patented, they will not be patented until sometime following the end of the period displayed in this report.

Patented application data are of significant value since the date an application was filed more accurately reflects when the technology was developed. Additionally, fluctuations in data based on application date are much more likely to reflect changes in technological activity since, for the

most part, such fluctuations would be immune from changes in PTO processing such as occurred in 1986 and 2005 when the PTO issued fewer patents than would normally have been expected because of administrative reasons. Note that a patent's "pendency" can be quite variable from one patent to another thereby affecting the date of patent grant. Such variation in pendency is determined by many factors, including PTO workload (which varies between technologies), budget and manpower levels, patent printing schedules, etc.

"Patents Granted By Date of Patent Application", as shown in the "**Pre 1998**" column, correspond to patent grants in the report which were filed prior to **1998**.

Parts of the Report

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

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

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

Part B is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) that have received 200 or more U.S. utility patents since 1992. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by year in which the patented applications were filed. Information regarding patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

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

CHEMICAL, ELECTRICAL, MECHANICAL CLASSES

DECEMBER 2011

CHEMICAL	8	23	44	48	51	55	65	71	75	95	96	106	117	127	136	148
	149	156	159	162	196	201	202	203	204	205	208	210	216	252	260	264
	376	419	420	422	423	424	426	427	428	429	430	435	436	438	442	501
	502	503	504	507	508	510	512	514	516	518	520	521	522	523	524	525
	526	527	528	530	532	534	536	540	544	546	548	549	552	554	556	558
	560	562	564	568	570	585	588	800	930	976	977	987				

The following subclasses are also Chemical: 29/2, 25.01-25.03, 623.1-623.5; 118/47, 715-733; 131/274 279; 134/1 42; 505/100-126, 300-512, 725-785, 800-824, 951

ELECTRICAL	174	177	178	191	200	218	219	235	250	257	290	307	310	313	314	315
	318	320	322	323	324	326	327	329	330	331	332	333	334	335	336	337
	338	340	341	342	343	345	346	347	348	349	352	355	356	358	359	360
	361	362	363	365	367	368	369	370	372	373	375	377	378	379	380	381
	382	385	386	388	392	396	398	399	455	505	700	701	702	703	704	705
	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	725
	726	850	902													

The following subclasses are also Electrical: 84/600-746; 204/157.2-157.22; 209/ 127.1-131, 511, 524-528, 536, 563-590; 244/3.1-3.14; 434/1-10, 307R-321, 350-362; 600/310-361, 372-397, 407-436, 473-480, 509-525, 544-548; 604/20-21; 607/2-76, 98-103, 115-156; 968/446-604, 783, 802, 820-830, 837-856, 876-977; 977/720-723, 839, 849-881, 901, 932-960; 984/300-398

MECHANICAL	2	4	5	7	12	14	15	16	19	24	26	27	28	29	30	33
	34	36	37	38	40	42	43	47	49	52	53	54	56	57	59	60
	62	63	66	68	69	70	72	73	74	76	79	81	82	83	84	86
	87	89	91	92	99	100	101	102	104	105	108	109	110	111	112	114
	116	118	119	122	123	124	125	126	128	131	132	134	135	137	138	139
	140	141	142	144	147	150	152	157	160	163	164	165	166	168	169	171
	172	173	175	180	181	182	184	185	186	187	188	190	192	193	194	198
	199	206	209	211	212	213	215	217	220	221	222	223	224	225	226	227
	228	229	231	232	234	236	237	238	239	241	242	244	245	246	248	249
	251	254	256	258	261	266	267	269	270	271	273	276	277	278	279	280
	281	283	285	289	291	292	293	294	295	296	297	298	299	300	301	303
	305	312	351	353	366	374	383	384	400	401	402	403	404	405	406	407
	408	409	410	411	412	413	414	415	416	417	418	425	431	432	433	434
	439	440	441	445	446	449	450	451	452	453	454	460	462	463	464	470
	472	473	474	475	476	477	482	483	492	493	494	600	601	602	604	606
	607	623	901	903	968	984										

The following subclasses are also Mechanical: 8/147-159; 156/349-584; 210/348-540; 346/139R-145; 347/1-109; 352/143-197, 204-243; 359/503-553, 600-617, 838-883; 368/89-106, 124-154, 168-202, 206-216, 276-326; 378/167-209; 385/53-99; 396/341-372, 411-428, 439-543, 564-660; 588/249-250, 252-260; 726/35; 977/724-733, 904-913, 919, 962

TECHNOLOGY ASSESSMENT AND FORECAST PROGRAM TECHNOLOGY DISCIPLINES FOR
U.S. PATENT CLASSIFICATION SYSTEM CLASSES AS OF DECEMBER 2011
CHEMICAL, ELECTRICAL, MECHANICAL

Class	Class	Class	Class	Class	Class	Class	Class	Class	Class	Class
2M	66M	124M	181M	228M	289M	343E	398E	441M	522C	707E
4M	68M	125M	182M	229M	290E	345E	399E	442C	523C	708E
5M	69M	126M	184M	231M	291M	346E*	400M	445M	524C	709E
7M	70M	127C	185M	232M	292M	347E*	401M	446M	525C	710E
8C*	71C	128M	186M	234M	293M	348E	402M	449M	526C	711E
12M	72M	131M*	187M	235E	294M	349E	403M	450M	527C	712E
14M	73M	132M	188M	236M	295M	351M	404M	451M	528C	713E
15M	74M	134M*	190M	237M	296M	352E*	405M	452M	530C	714E
16M	75C	135M	191E	238M	297M	353M	406M	453M	532C	715E
19M	76M	136C	192M	239M	298M	355E	407M	454M	534C	716E
23C	79M	137M	193M	241M	299M	356E	408M	455E	536C	717E
24M	81M	138M	194M	242M	300M	358E	409M	460M	540C	718E
26M	82M	139M	196C	244M*	301M	359E*	410M	462M	544C	719E
27M	83M	140M	198M	245M	303M	360E	411M	463M	546C	720E
28M	84M*	141M	199M	246M	305M	361E	412M	464M	548C	725E
29M*	86M	142M	200E	248M	307E	362E	413M	470M	549C	726E*
30M	87M	144M	201C	249M	310E	363E	414M	472M	552C	800C
33M	89M	147M	202C	250E	312M	365E	415M	473M	554C	850E
34M	91M	148C	203C	251M	313E	366M	416M	474M	556C	901M
36M	92M	149C	204C*	252C	314E	367E	417M	475M	558C	902E
37M	95C	150M	205C	254M	315E	368E*	418M	476M	560C	903M
38M	96C	152M	206M	256M	318E	369E	419C	477M	562C	930C
40M	99M	156C*	208C	257E	320E	370E	420C	482M	564C	968M*
42M	100M	157M	209M*	258M	322E	372E	422C	483M	568C	976C
43M	101M	159C	210C*	260C	323E	373E	423C	492M	570C	977C*
44C	102M	160M	211M	261M	324E	374M	424C	493M	585C	984M*
47M	104M	162C	212M	264C	326E	375E	425M	494M	588C*	987C
48C	105M	163M	213M	266M	327E	376C	426C	501C	600M*	
49M	106C	164M	215M	267M	329E	377E	427C	502C	601M	
51C	108M	165M	216C	269M	330E	378E*	428C	503C	602M	
52M	109M	166M	217M	270M	331E	379E	429C	504C	604M*	
53M	110M	168M	218E	271M	332E	380E	430C	505E*	606M	
54M	111M	169M	219E	273M	333E	381E	431M	507C	607M*	
55C	112M	171M	220M	276M	334E	382E	432M	508C	623M	
56M	114M	172M	221M	277M	335E	383M	433M	510C	700E	
57M	116M	173M	222M	278M	336E	384M	434M*	512C	701E	
59M	117C	174E	223M	279M	337E	385E*	435C	514C	702E	
60M	118M*	175M	224M	280M	338E	386E	436C	516C	703E	
62M	119M	177E	225M	281M	340E	388E	438C	518C	704E	
63M	122M	178E	226M	283M	341E	392E	439M	520C	705E	
65C	123M	180M	227M	285M	342E	396E*	440M	521C	706E	

*8/147-159 are mechanical

*29/2, 25.01-25.03, 623.1-623.5 are chemical

*84/600-746 are electrical

*118/47, 715-733 are chemical

*131/274-279 are chemical

*134/1-42 are chemical

*156/349-584 are mechanical

*204/157.2-157.22 are electrical

*209/127.1-131, 511, 524-528, 536, 563-590 are electrical

*210/348-540 are mechanical

*244/3.1-3.14 are electrical

*346/139R-145 are mechanical

*347/1-109 are mechanical

*352/143-197, 204-243 are mechanical

*359/503-553, 600-617, 838-883 are mechanical

*368/89-106, 124-154, 168-202, 206-216, 276-326 are mechanical

*378/167-209 are mechanical

*385/53-99 are mechanical

*396/341-372, 411-428, 439-543, 564-660 are mechanical

*434/1-10, 307R-321, 350-362 are electrical

*505/100-126, 300-512, 725-785, 800-824, 951 are chemical

*588/249-250, 252-260 are mechanical

*600/310-361, 372-397, 407-436, 473-480, 509-525, 544-548 are electrical

*604/20-21 are electrical

*607/2-76, 98-103, 115-156 are electrical

*726/35 is mechanical

*968/446-604, 783, 802, 820-830, 837-856, 876-977 are electrical

*977/720-723, 839, 849-881, 901, 932-960 are electrical

*977/724-733, 904-913, 919, 962 are mechanical

*984/300-398 are electrical

Part A1

Patent Grants as Distributed By Year of Patent Grant

	Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1992 - Dec 31, 2011)															
	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
Total	251181	53825	55975	58887	60102	58338	58654	53054	46521	51520	44548	42603	42569	57145	58050	992972
U.S. Origin	151496	31665	32730	33431	32833	31652	31977	28463	25261	27776	23645	21895	22268	30363	30861	556316
Foreign Origin	99685	22160	23245	25456	27269	26686	26677	24591	21260	23744	20903	20708	20301	26782	27189	436656
JAPAN	34588	7481	7946	8398	8983	9114	9136	8393	7411	8316	7559	7465	7207	9189	9117	150303
GERMANY	19201	4077	4322	4858	5169	4997	4946	4461	3720	3889	3375	3296	3205	4289	4267	78072
TAIWAN	5751	1557	1794	2212	2460	2469	2367	2540	2069	2340	1987	1894	1826	2148	2171	35585
CANADA	6799	1413	1468	1594	1663	1474	1521	1340	1199	1325	1153	1065	1086	1412	1424	25936
FRANCE	6673	1272	1342	1404	1485	1413	1364	1197	921	1096	932	924	922	1274	1317	23536
UNITED KINGDOM	5400	1144	1128	1314	1388	1292	1187	1057	986	1052	892	806	788	1163	1197	20794
ITALY	3566	753	704	860	757	794	835	789	624	670	591	588	555	753	783	13622
KOREA, SOUTH	1500	732	744	592	611	731	747	772	801	928	927	945	1007	1239	1291	13567
SWITZERLAND	3036	587	534	638	667	609	599	529	395	497	401	443	444	572	589	10540
SWEDEN	2255	591	590	706	741	646	625	520	443	450	405	377	332	450	515	9646
AUSTRALIA	1563	397	374	391	468	456	495	460	474	648	620	674	593	892	903	9408
NETHERLANDS	1495	314	335	365	408	386	318	304	254	293	238	258	243	349	346	5906
AUSTRIA	1191	192	252	287	316	260	309	257	221	250	198	183	192	266	267	4641
ISRAEL	879	247	217	223	313	292	311	240	201	239	201	191	226	337	360	4477
CHINA, PEOPLE'S REPUB	108	13	34	56	102	137	138	148	174	249	215	343	442	643	770	3572
FINLAND	891	208	213	204	213	196	206	195	151	177	110	122	126	171	131	3314
BELGIUM	626	177	162	173	187	169	146	145	144	165	101	124	141	190	174	2824
DENMARK	604	149	163	145	180	149	198	155	118	141	115	123	103	165	238	2746
SPAIN	517	123	126	162	157	164	179	136	137	130	106	99	98	160	167	2461
NORWAY	425	116	132	143	164	132	141	104	96	111	88	85	104	160	131	2132
CHINA, HONG KONG S.A.	244	86	81	85	127	131	149	145	114	110	135	116	99	163	135	1920
SOUTH AFRICA	387	63	64	60	55	48	64	54	45	59	40	47	47	56	56	1145
NEW ZEALAND	181	60	61	47	70	74	70	80	75	65	49	43	40	70	63	1048
BRAZIL	239	44	57	62	76	53	78	55	40	65	42	51	29	58	93	1042
SINGAPORE	111	26	30	40	60	67	72	80	66	74	66	56	71	95	78	992
IRELAND	132	35	42	54	49	38	50	48	54	55	33	26	42	66	86	810
RUSSIAN FEDERATION	112	50	37	52	70	50	53	47	30	45	45	34	36	47	57	765
MEXICO	127	33	36	39	49	59	41	43	39	31	22	27	22	35	33	636
ARGENTINA	114	28	35	35	38	38	44	27	20	14	18	21	18	22	17	489
INDIA	22	7	13	13	11	15	21	38	23	29	43	30	36	47	74	422
LUXEMBOURG	106	11	15	25	27	19	22	26	23	15	14	17	18	19	19	376
MALAYSIA	37	15	12	18	8	23	15	27	21	18	23	22	15	29	22	305
HUNGARY	63	11	14	11	14	9	12	13	9	12	7	7	6	17	16	221
THAILAND	27	9	10	7	17	17	12	8	9	14	2	6	10	21	21	190
CZECH REPUBLIC	15	5	9	14	8	8	14	8	10	12	8	12	8	18	18	167
GREECE	32	6	10	9	12	7	6	8	4	3	5	8	12	16	23	161
Others (116)	668	128	139	160	146	150	186	142	139	157	137	180	152	181	220	2885
Ownership:																
U.S. Corporations	94739	20304	21330	22427	22857	22055	22873	20429	18458	20354	17637	16400	16960	23605	24347	384775
U.S. Government	1733	238	226	239	253	286	263	219	175	183	159	174	153	172	200	4673
U.S. Individuals	58257	11885	12062	11661	10678	10035	9499	8442	7233	7941	6490	5849	5607	7322	7016	179977
Foreign Corporations	76838	17220	18191	20165	21885	21717	21971	20375	17773	20092	17736	17984	17885	23550	24063	357445
Foreign Government	589	48	27	14	17	16	14	18	8	10	2	7	11	16	16	813
Foreign Individuals	19025	4130	4139	4381	4412	4229	4034	3571	2874	2940	2524	2189	1953	2480	2408	65289

	----- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1992 - Dec 31, 2011) -----															
	----- PERCENT OF PATENTS -----															
	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	60	59	58	57	55	54	55	54	54	54	53	51	52	53	53	56
Foreign Origin	40	41	42	43	45	46	45	46	46	46	47	49	48	47	47	44
JAPAN	14	14	14	14	15	16	16	16	16	16	17	18	17	16	16	15
GERMANY	8	8	8	8	9	9	8	8	8	8	8	8	8	8	7	8
TAIWAN	2	3	3	4	4	4	4	5	4	5	4	4	4	4	4	4
CANADA	3	3	3	3	3	3	3	3	3	3	3	2	3	2	2	3
FRANCE	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
UNITED KINGDOM	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
KOREA, SOUTH	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
SWITZERLAND	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	2	1	2	2	1
NETHERLANDS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
AUSTRIA					1		1									0
ISRAEL					1	1	1						1	1	1	0
CHINA, PEOPLE'S REPUB												1	1	1	1	0
FINLAND																0
BELGIUM																0
DENMARK																0
SPAIN																0
NORWAY																0
CHINA, HONG KONG S.A.																0
SOUTH AFRICA																0
NEW ZEALAND																0
BRAZIL																0
SINGAPORE																0
IRELAND																0
RUSSIAN FEDERATION																0
MEXICO																0
ARGENTINA																0
INDIA																0
LUXEMBOURG																0
MALAYSIA																0
HUNGARY																0
THAILAND																0
CZECH REPUBLIC																0
GREECE																0
Others (116)																0
Ownership:																
U.S. Corporations	38	38	38	38	38	38	39	39	40	40	40	38	40	41	42	39
U.S. Government	1															0
U.S. Individuals	23	22	22	20	18	17	16	16	16	15	15	14	13	13	12	18
Foreign Corporations	31	32	32	34	36	37	37	38	38	39	40	42	42	41	41	36
Foreign Government																0
Foreign Individuals	8	8	7	7	7	7	7	7	6	6	6	5	5	4	4	7

Part A2

Patent Grants as Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1992 - Dec 31, 2011) ----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
Total	362104	58149	60120	62742	64675	67336	64865	59009	53798	48227	41523	29205	15111	5651	457	992972
U.S. Origin	216054	33223	33470	34537	34142	35163	34452	31036	28280	25115	22645	15970	8458	3456	315	556316
Foreign Origin	146050	24926	26650	28205	30533	32173	30413	27973	25518	23112	18878	13235	6653	2195	142	436656
JAPAN	51293	8258	8292	9260	10206	10128	10036	9886	9414	8736	7027	4872	2242	608	45	150303
GERMANY	27705	4670	5376	5408	5759	6013	5380	4631	4273	3448	2733	1725	723	217	11	78072
TAIWAN	8196	1920	2546	2425	2592	2678	2794	2471	2147	2281	2023	1796	1228	460	28	35585
CANADA	9613	1624	1616	1620	1640	1692	1616	1549	1328	1222	1087	765	407	147	10	25936
FRANCE	9384	1379	1476	1483	1610	1741	1512	1346	1224	1070	739	408	129	35		23536
UNITED KINGDOM	7834	1362	1403	1420	1526	1587	1506	1132	935	782	651	379	205	66	6	20794
ITALY	5049	797	786	892	985	1066	986	787	737	598	527	276	120	16		13622
KOREA, SOUTH	2934	607	602	687	800	1160	1282	1268	1251	1068	898	634	291	79	6	13567
SWITZERLAND	4206	638	630	703	703	720	648	590	492	471	413	204	94	27	1	10540
SWEDEN	3499	716	724	705	760	841	644	476	441	369	285	112	53	20	1	9646
AUSTRALIA	2390	451	437	516	572	748	681	873	716	532	509	562	273	133	15	9408
NETHERLANDS	2212	330	383	451	424	457	402	365	277	257	174	107	49	18		5906
AUSTRIA	1607	295	297	303	326	425	333	286	216	220	173	110	41	9		4641
ISRAEL	1369	255	301	365	370	348	292	278	274	241	193	101	60	29	1	4477
CHINA, PEOPLE'S REPUB	156	45	86	111	166	216	211	311	317	420	455	482	397	194	5	3572
FINLAND	1323	211	223	229	236	268	213	167	144	140	72	53	21	12	2	3314
BELGIUM	972	174	190	178	189	225	233	143	168	171	98	44	30	9		2824
DENMARK	925	168	163	201	215	241	227	177	145	108	66	50	44	16		2746
SPAIN	786	148	142	176	222	187	186	152	142	131	90	64	25	9	1	2461
NORWAY	683	130	164	156	171	205	156	146	104	110	58	35	9	5		2132
CHINA, HONG KONG S.A.	381	95	123	133	157	179	170	157	149	108	125	91	38	13	1	1920
SOUTH AFRICA	510	65	60	61	85	84	68	81	41	35	27	11	11	5	1	1145
NEW ZEALAND	316	56	59	88	104	103	109	64	53	45	25	17	5	3	1	1048
BRAZIL	347	58	72	60	84	95	68	76	39	50	33	36	16	7	1	1042
SINGAPORE	166	33	73	77	83	114	85	87	81	67	52	42	24	7	1	992
IRELAND	221	57	43	40	71	91	68	45	53	44	34	25	10	8		810
RUSSIAN FEDERATION	214	37	76	54	62	78	68	36	28	41	33	27	7	3	1	765
MEXICO	200	45	40	54	57	46	49	31	31	34	15	29	5			636
ARGENTINA	177	44	29	46	46	29	23	27	14	23	15	11	2	3		489
INDIA	42	12	14	10	24	50	46	46	39	36	46	31	16	10		422
LUXEMBOURG	136	23	24	25	26	33	29	19	20	14	16	9	2			376
MALAYSIA	70	13	13	21	27	25	29	25	18	23	18	8	11	4		305
HUNGARY	84	17	9	17	17	19	13	12	16	7	5	1	3	1		221
THAILAND	45	7	13	25	14	8	10	6	14	11	17	9	8	2	1	190
CZECH REPUBLIC	28	15	9	9	18	9	19	17	11	11	11	6	1	3		167
GREECE	49	10	13	11	9	8	8	16	9	9	13	4		2		161
Others (116)	928	161	143	185	177	256	213	194	157	179	122	99	53	15	3	2885
Ownership:																
U.S. Corporations	138107	22326	23059	24418	24797	25564	25602	23038	21270	19132	16927	11664	5960	2657	254	384775
U.S. Government	2222	225	212	268	277	262	243	229	216	166	157	106	75	14	1	4673
U.S. Individuals	80622	11537	11112	10808	9957	10244	9514	8463	7474	6394	5902	4466	2559	860	65	179977
Foreign Corporations	113860	19944	21198	22622	25111	26566	25467	24065	22215	20234	16709	11723	5719	1886	126	357445
Foreign Government	665	19	14	23	4	20	22	10	10	10	5	6	4	1		813
Foreign Individuals	26628	4098	4525	4603	4529	4680	4017	3204	2613	2291	1823	1240	794	233	11	65289

----- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1992 - Dec 31, 2011) -----

	PERCENT OF PATENTED APPLICATIONS															
	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	60	57	56	55	53	52	53	53	53	52	55	55	56	61	69	56
Foreign Origin	40	43	44	45	47	48	47	47	47	48	45	45	44	39	31	44
JAPAN	14	14	14	15	16	15	15	17	17	18	17	17	15	11	10	15
GERMANY	8	8	9	9	9	9	8	8	8	7	7	6	5	4	2	8
TAIWAN	2	3	4	4	4	4	4	4	4	5	5	6	8	8	6	4
CANADA	3	3	3	3	3	3	2	3	2	3	3	3	3	3	2	3
FRANCE	3	2	2	2	2	3	2	2	2	2	2	1	1	1		2
UNITED KINGDOM	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
ITALY	1	1	1	1	2	2	2	1	1	1	1	1	1			1
KOREA, SOUTH	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1
SWITZERLAND	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	2	2	2	3	1
NETHERLANDS	1	1	1	1	1	1	1	1	1	1						1
AUSTRIA		1			1	1	1									0
ISRAEL			1	1	1	1			1					1		0
CHINA, PEOPLE'S REPUB								1	1	1	1	2	3	3	1	0
FINLAND																0
BELGIUM																0
DENMARK																0
SPAIN																0
NORWAY																0
CHINA, HONG KONG S.A.																0
SOUTH AFRICA																0
NEW ZEALAND																0
BRAZIL																0
SINGAPORE																0
IRELAND																0
RUSSIAN FEDERATION																0
MEXICO																0
ARGENTINA																0
INDIA																0
LUXEMBOURG																0
MALAYSIA																0
HUNGARY																0
THAILAND																0
CZECH REPUBLIC																0
GREECE																0
Others (116)															1	0
Ownership:																
U.S. Corporations	38	38	38	39	38	38	39	39	40	40	41	40	39	47	56	39
U.S. Government	1															0
U.S. Individuals	22	20	18	17	15	15	15	14	14	13	14	15	17	15	14	18
Foreign Corporations	31	34	35	36	39	39	39	41	41	42	40	40	38	33	28	36
Foreign Government																0
Foreign Individuals	7	7	8	7	7	7	6	5	5	5	4	4	5	4	2	7

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, 1992 - Dec 31, 2011) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	1037	240	306	295	368	465	468	493	458	500	412	444	455	599	562	7102
Patents By Year of Application:	1570	338	277	474	508	630	542	591	549	497	508	427	151	37	3	7102
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	1543	206	171	264	342	503	403	317	307	338	294	320	359	465	541	6373
Patents By Year of Application:	1963	264	367	443	441	394	407	442	494	498	292	217	95	52	4	6373
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	1051	259	331	423	427	456	445	356	331	340	257	310	336	388	433	6143
Patents By Year of Application:	2253	273	310	348	353	379	395	340	379	350	342	242	137	36	6	6143
ROBERT BOSCH GMBH																
Patents By Year of Grant:	1208	212	225	311	380	371	425	513	445	356	262	199	222	246	304	5679
Patents By Year of Application:	1692	255	406	382	556	662	561	338	294	202	170	111	43	5	2	5679
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	662	264	251	210	220	191	180	174	180	265	242	248	267	380	428	4162
Patents By Year of Application:	1194	211	196	192	215	187	220	317	403	449	340	156	72	10	0	4162
HON HAI PRECISION IND. CO., LTD.																
Patents By Year of Grant:	33	36	94	366	394	315	294	326	208	274	194	285	354	485	464	4122
Patents By Year of Application:	143	177	468	220	346	366	236	318	190	275	328	460	393	194	8	4122
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	264	105	115	161	204	227	215	229	235	298	326	299	332	412	498	3920
Patents By Year of Application:	589	150	192	217	225	283	351	388	330	395	348	252	160	31	9	3920
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	1478	238	213	191	110	112	200	255	240	291	176	66	21	2	0	3593
Patents By Year of Application:	1866	218	108	120	158	330	311	346	116	17	2	1	0	0	0	3593
DENSO CORPORATION																
Patents By Year of Grant:	7	74	144	177	197	215	263	298	303	319	344	267	253	259	216	3336
Patents By Year of Application:	231	180	178	191	281	298	360	374	367	319	297	187	65	8	0	3336
HITACHI, LTD																
Patents By Year of Grant:	816	121	94	118	217	230	268	183	202	241	181	149	125	155	140	3240
Patents By Year of Application:	1065	119	156	217	341	236	222	247	175	160	149	102	33	17	1	3240
SILVERBROOK RESEARCH PTY. LTD																
Patents By Year of Grant:	0	0	0	5	72	98	93	93	167	317	331	422	314	498	480	2890
Patents By Year of Application:	0	71	24	96	68	144	207	489	406	268	326	457	212	109	13	2890

---- Organizational Patenting (Granted: Jan 01, 1992 - Dec 31, 2011) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	334	207	232	187	125	137	115	133	157	237	218	214	170	202	199	2867
Patents By Year of Application:	765	228	106	109	125	193	290	291	258	216	147	84	38	17	0	2867
CATERPILLAR INC.																
Patents By Year of Grant:	622	148	183	274	200	201	188	131	108	91	122	119	100	146	172	2805
Patents By Year of Application:	970	233	236	212	198	179	113	90	148	151	142	119	7	6	1	2805
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	576	167	185	221	222	200	209	157	123	104	97	144	117	154	128	2804
Patents By Year of Application:	940	243	217	225	202	150	152	107	113	104	138	169	33	10	1	2804
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	510	112	148	197	180	137	161	164	156	207	150	156	160	158	147	2743
Patents By Year of Application:	742	214	168	164	181	228	236	298	221	120	81	53	30	6	1	2743
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	854	215	201	189	162	207	199	148	127	86	65	48	36	71	73	2681
Patents By Year of Application:	1269	241	135	212	181	196	104	121	52	51	49	37	25	6	2	2681
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	426	109	149	131	99	58	50	88	83	132	182	221	253	344	355	2680
Patents By Year of Application:	697	163	73	45	56	94	156	217	274	354	293	188	66	3	1	2680
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	679	105	146	160	168	141	156	149	156	176	155	112	125	110	75	2613
Patents By Year of Application:	921	162	154	147	156	181	164	227	208	117	101	66	6	3	0	2613
BOEING COMPANY																
Patents By Year of Grant:	310	85	75	77	83	109	134	212	202	206	192	171	205	255	263	2579
Patents By Year of Application:	489	79	67	92	163	241	265	288	263	245	199	114	50	22	2	2579
YAZAKI CORP.																
Patents By Year of Grant:	645	202	218	221	222	194	169	104	85	86	79	100	79	94	57	2555
Patents By Year of Application:	1054	211	190	214	191	135	77	87	74	95	81	90	48	8	0	2555
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	901	117	128	130	174	171	145	133	106	106	84	70	89	106	94	2554
Patents By Year of Application:	1147	124	143	159	194	171	111	161	88	122	62	39	26	4	3	2554
DELPHI TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	62	222	407	390	298	234	199	187	174	150	98	64	2485
Patents By Year of Application:	0	22	234	346	456	350	299	202	204	156	124	71	16	5	0	2485

----- Organizational Patenting (Granted: Jan 01, 1992 - Dec 31, 2011) ----- Ranked List of Organizations with 200 or More Patents -----

	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	526	132	121	164	194	165	183	218	168	178	159	120	10	5	1	2344
Patents By Year of Application:	830	158	187	172	235	228	226	169	103	30	4	2	0	0	0	2344
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	352	428	368	289	191	162	172	190	159	2311
Patents By Year of Application:	6	3	13	60	355	461	542	294	245	112	147	49	14	9	1	2311
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	615	196	225	268	361	381	165	0	1	1	0	0	0	0	0	2213
Patents By Year of Application:	1147	227	298	291	234	15	0	1	0	0	0	0	0	0	0	2213
XEROX CORPORATION																
Patents By Year of Grant:	553	114	86	95	144	170	137	90	80	75	59	75	106	161	179	2124
Patents By Year of Application:	774	113	143	145	105	126	103	92	136	114	97	92	74	10	0	2124
LG ELECTRONICS INC.																
Patents By Year of Grant:	45	49	52	30	41	81	96	145	139	152	222	223	245	299	248	2067
Patents By Year of Application:	147	25	44	62	130	204	299	311	345	204	161	102	28	4	1	2067
FORD GLOBAL TECHNOLOGIES, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	0	148	204	164	229	234	238	212	279	265	1973
Patents By Year of Application:	0	1	4	40	100	229	211	248	263	309	261	171	67	66	3	1973
ILLINOIS TOOL WORKS INC.																
Patents By Year of Grant:	297	98	70	88	120	92	137	139	194	111	135	124	111	117	125	1958
Patents By Year of Application:	447	88	113	138	152	196	182	139	152	125	119	68	35	4	0	1958
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	306	75	78	88	119	84	99	81	77	92	94	114	173	243	220	1943
Patents By Year of Application:	488	100	75	101	99	121	104	96	131	158	184	197	68	19	2	1943
DEERE + COMPANY																
Patents By Year of Grant:	368	63	77	65	108	106	141	139	119	110	112	112	122	153	145	1940
Patents By Year of Application:	479	71	108	125	156	151	137	121	153	140	111	117	53	18	0	1940
HALLIBURTON ENERGY SERVICES, INC.																
Patents By Year of Grant:	23	60	93	114	131	129	122	144	133	205	214	154	119	156	138	1935
Patents By Year of Application:	168	132	111	126	141	197	202	258	180	121	122	93	57	22	5	1935
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	670	88	62	84	70	51	34	31	55	110	92	94	105	155	178	1879
Patents By Year of Application:	853	76	66	30	46	57	94	170	134	167	122	37	14	13	0	1879

---- Organizational Patenting (Granted: Jan 01, 1992 - Dec 31, 2011) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	577	93	103	118	107	141	137	86	75	72	69	56	61	74	95	1864
Patents By Year of Application:	782	113	101	121	123	109	100	101	74	63	78	44	49	5	1	1864
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	129	17	39	51	93	112	96	113	91	119	129	154	144	277	276	1840
Patents By Year of Application:	197	57	72	129	118	153	141	161	150	199	201	175	62	23	2	1840
GM Global Technology Operations, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	25	143	205	319	541	603	1836
Patents By Year of Application:	0	0	0	0	0	2	2	17	267	368	519	444	175	33	9	1836
PROCTER + GAMBLE COMPANY																
Patents By Year of Grant:	383	106	138	113	102	128	127	100	84	89	63	62	64	129	146	1834
Patents By Year of Application:	694	112	109	150	119	109	118	95	100	92	62	40	23	9	2	1834
TOSHIBA CORPORATION																
Patents By Year of Grant:	620	77	71	72	91	84	62	59	53	64	83	72	66	133	153	1760
Patents By Year of Application:	782	77	92	66	78	65	76	85	89	92	69	115	49	22	3	1760
SUMITOMO WIRING SYSTEMS, LTD.																
Patents By Year of Grant:	375	91	106	114	122	144	131	127	90	114	88	55	61	60	40	1718
Patents By Year of Application:	583	85	101	124	141	123	127	92	80	77	60	66	43	16	0	1718
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	0	12	48	94	117	134	159	197	162	191	174	192	187	1667
Patents By Year of Application:	12	16	41	107	119	156	217	256	239	191	169	110	27	7	0	1667
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.																
Patents By Year of Grant:	401	117	92	95	77	58	44	34	36	55	73	86	127	146	150	1591
Patents By Year of Application:	650	78	73	52	36	57	50	64	119	125	130	101	54	2	0	1591
SCI-MED LIFE SYSTEMS, INC.																
Patents By Year of Grant:	165	50	77	131	158	191	273	207	108	95	49	21	14	7	13	1559
Patents By Year of Application:	338	152	200	247	288	176	101	38	9	4	4	2	0	0	0	1559
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	405	89	74	78	86	126	138	176	139	147	64	6	6	2	1	1537
Patents By Year of Application:	578	72	95	108	159	200	188	90	34	10	1	2	0	0	0	1537
HEIDELBERGER DRUCKMASCHINEN AG																
Patents By Year of Grant:	402	114	89	111	87	122	186	160	63	31	37	39	33	28	35	1537
Patents By Year of Application:	610	126	129	155	168	114	60	38	49	28	31	16	13	0	0	1537

---- Organizational Patenting

(Granted: Jan 01, 1992 - Dec 31, 2011) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
FORD MOTOR COMPANY																
Patents By Year of Grant:	1170	63	85	59	10	10	16	17	17	19	15	16	14	15	9	1535
Patents By Year of Application:	1291	73	24	12	9	27	19	24	13	18	21	4	0	0	0	1535
SONY CORPORATION																
Patents By Year of Grant:	348	85	89	104	70	81	90	67	70	80	77	67	65	97	88	1478
Patents By Year of Application:	546	89	83	83	99	71	89	91	96	78	70	50	29	4	0	1478
AISIN SEIKI KABUSHIKI KAISHA																
Patents By Year of Grant:	423	101	101	84	78	91	70	73	59	56	58	64	72	76	60	1466
Patents By Year of Application:	620	93	88	57	100	76	65	72	72	88	61	40	30	4	0	1466
HYUNDAI MOTOR COMPANY																
Patents By Year of Grant:	132	79	81	42	76	113	85	78	82	91	81	80	104	133	189	1446
Patents By Year of Application:	307	27	76	113	68	121	107	88	108	106	97	148	71	8	1	1446
DAIMLER-CHRYSLER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	62	240	293	197	169	153	96	119	82	31	1	0	0	1443
Patents By Year of Application:	93	186	304	211	194	187	103	75	65	24	1	0	0	0	0	1443
KIMBERLY-CLARK WORLDWIDE, INC.																
Patents By Year of Grant:	36	60	79	96	100	107	171	144	115	101	62	61	89	126	96	1443
Patents By Year of Application:	253	72	139	155	201	174	117	96	93	70	39	25	7	2	0	1443
EATON CORPORATION																
Patents By Year of Grant:	512	61	100	91	60	65	66	52	61	59	55	43	52	62	59	1398
Patents By Year of Application:	645	87	71	78	62	77	63	68	84	62	56	30	14	1	0	1398
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	74	41	70	101	168	190	164	121	115	131	74	42	27	21	19	1358
Patents By Year of Application:	211	98	161	180	226	165	107	69	59	46	16	14	2	4	0	1358
BOSTON SCIENTIFIC SCIMED, INC.																
Patents By Year of Grant:	0	0	0	0	0	3	7	5	66	109	120	134	198	333	367	1342
Patents By Year of Application:	4	2	5	24	52	145	270	237	226	159	90	59	39	26	4	1342
WHITAKER CORPORATION																
Patents By Year of Grant:	700	166	183	212	49	25	4	1	0	1	0	0	0	0	0	1341
Patents By Year of Application:	1059	187	76	15	3	0	1	0	0	0	0	0	0	0	0	1341
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	0	52	102	95	102	106	105	100	130	130	95	82	133	98	1330
Patents By Year of Application:	87	107	91	111	137	137	142	124	142	92	78	47	23	11	1	1330

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	344	53	45	44	52	53	44	54	47	64	46	61	42	41	43	1033
Patents By Year of Application:	441	45	33	55	58	52	67	77	72	61	31	27	8	6	0	1033
FUJITSU LIMITED																
Patents By Year of Grant:	246	52	68	80	66	71	63	45	33	53	48	55	45	39	46	1010
Patents By Year of Application:	397	75	73	66	48	59	40	62	47	55	34	23	16	15	0	1010
RICOH COMPANY, LTD.																
Patents By Year of Grant:	142	31	37	33	46	44	43	41	40	66	41	82	86	122	156	1010
Patents By Year of Application:	218	38	39	46	48	59	75	60	89	116	92	82	40	7	1	1010
ZF FRIEDRICHSHAFEN, AG																
Patents By Year of Grant:	112	32	27	33	37	30	38	51	50	72	87	89	85	123	118	984
Patents By Year of Application:	165	29	42	29	47	83	94	115	107	112	110	37	12	2	0	984
SUMITOMO RUBBER INDUSTRIES, LTD.																
Patents By Year of Grant:	262	53	34	50	58	60	85	89	54	46	44	30	34	33	31	963
Patents By Year of Application:	368	52	72	75	81	80	58	45	54	45	22	9	2	0	0	963
ROLLS-ROYCE PLC																
Patents By Year of Grant:	213	20	27	35	34	33	50	37	40	74	60	62	48	93	97	923
Patents By Year of Application:	279	29	31	35	44	51	63	88	107	74	75	23	19	5	0	923
GOODYEAR TIRE + RUBBER COMPANY																
Patents By Year of Grant:	172	40	21	39	53	111	91	70	66	62	30	33	46	32	41	907
Patents By Year of Application:	252	42	46	114	100	87	77	48	51	21	36	21	11	1	0	907
ADVANCED CARDIOVASCULAR SYSTEMS, INC.																
Patents By Year of Grant:	112	27	36	51	72	86	154	85	57	47	38	33	32	43	33	906
Patents By Year of Application:	202	55	128	133	128	83	69	28	22	25	9	15	4	5	0	906
CHRYSLER MOTORS CORPORATION																
Patents By Year of Grant:	484	107	157	121	27	4	0	0	0	0	0	0	0	0	0	900
Patents By Year of Application:	733	153	11	3	0	0	0	0	0	0	0	0	0	0	0	900
MITSUBISHI HEAVY INDUSTRIES, LTD.																
Patents By Year of Grant:	2	9	54	118	109	90	92	82	69	37	39	38	43	55	63	900
Patents By Year of Application:	58	117	117	82	101	133	58	47	36	62	37	42	6	4	0	900
SHELL OIL COMPANY																
Patents By Year of Grant:	216	12	19	30	30	32	42	87	66	114	58	58	57	43	34	898
Patents By Year of Application:	266	26	20	47	126	140	50	71	41	46	42	18	1	4	0	898

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
ETHICON ENDO-SURGERY, INC.																
Patents By Year of Grant:	88	49	69	32	29	29	30	12	15	45	38	63	79	180	137	895
Patents By Year of Application:	195	33	43	31	49	22	65	63	135	126	89	37	6	1	0	895
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	126	34	42	69	63	81	63	62	37	42	31	42	54	68	78	892
Patents By Year of Application:	215	60	59	101	85	52	58	54	46	60	58	33	7	4	0	892
WEATHERFORD/LAMB, INC.																
Patents By Year of Grant:	20	22	11	29	27	53	68	93	82	141	87	66	48	69	64	880
Patents By Year of Application:	64	24	44	62	89	115	143	99	69	61	48	32	22	7	1	880
TYCO ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	25	35	63	82	60	86	66	73	100	135	153	878
Patents By Year of Application:	0	4	11	41	53	101	72	62	67	65	115	128	116	43	0	878
DAIMLER-BENZ AKTIENGESELLSCHAFT																
Patents By Year of Grant:	545	176	119	24	8	2	0	0	0	0	0	0	0	0	0	874
Patents By Year of Application:	818	55	1	0	0	0	0	0	0	0	0	0	0	0	0	874
DANA CORPORATION																
Patents By Year of Grant:	281	60	66	84	75	63	57	56	46	39	29	11	0	0	0	867
Patents By Year of Application:	429	61	86	47	81	54	67	18	22	2	0	0	0	0	0	867
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	153	60	51	58	39	48	44	38	35	66	56	57	53	44	56	858
Patents By Year of Application:	268	49	32	56	40	63	61	75	83	47	39	35	7	3	0	858
LOCKHEED MARTIN CORPORATION																
Patents By Year of Grant:	18	39	26	59	51	79	93	63	52	56	61	50	54	75	77	853
Patents By Year of Application:	89	53	53	90	85	90	78	60	76	66	41	44	24	4	0	853
BRIDGESTONE CORPORATION																
Patents By Year of Grant:	286	48	50	51	64	53	43	39	29	24	20	27	26	35	53	848
Patents By Year of Application:	402	64	65	55	51	41	35	34	41	35	20	4	0	1	0	848
NEC CORPORATION																
Patents By Year of Grant:	203	62	77	133	112	98	45	19	28	15	16	10	7	14	7	846
Patents By Year of Application:	377	120	107	81	53	29	18	24	12	12	5	5	2	1	0	846
PORSCHE AG																
Patents By Year of Grant:	201	26	45	35	42	51	46	54	51	42	33	46	49	56	66	843
Patents By Year of Application:	274	39	34	44	51	69	58	46	44	34	63	45	38	4	0	843

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
TAKATA CORPORATION																
Patents By Year of Grant:	199	8	11	24	40	48	45	52	37	51	59	80	68	73	43	838
Patents By Year of Application:	213	26	43	55	56	53	74	65	58	104	36	38	14	3	0	838
LEAR CORPORATION																
Patents By Year of Grant:	18	52	64	42	35	36	61	86	72	124	76	37	36	46	48	833
Patents By Year of Application:	131	32	36	50	48	95	102	138	68	29	35	43	14	12	0	833
VISTEON GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	15	107	113	165	165	101	63	39	21	18	17	7	831
Patents By Year of Application:	4	13	104	114	187	173	108	53	29	19	18	8	1	0	0	831
UNITED STATES SURGICAL CORPORATION																
Patents By Year of Grant:	526	85	81	39	25	13	13	14	6	9	10	4	2	2	0	829
Patents By Year of Application:	713	29	19	14	21	9	10	3	5	2	3	1	0	0	0	829
BECTON, DICKINSON AND COMPANY																
Patents By Year of Grant:	200	66	64	52	48	35	60	45	32	44	28	31	27	44	50	826
Patents By Year of Application:	328	63	54	53	48	56	83	31	26	14	37	16	11	6	0	826
TOYODA GOSEI KABUSHIKI KAISHA																
Patents By Year of Grant:	157	47	37	32	30	48	44	40	46	45	62	46	52	62	60	808
Patents By Year of Application:	235	40	28	38	62	55	51	68	59	46	52	38	29	6	1	808
LEXMARK INTERNATIONAL, INC.																
Patents By Year of Grant:	34	19	38	65	68	57	65	53	43	46	70	56	41	80	62	797
Patents By Year of Application:	121	40	60	62	55	66	74	97	64	45	71	33	3	6	0	797
INTEL CORPORATION																
Patents By Year of Grant:	52	17	17	36	33	49	83	71	80	90	83	65	46	49	22	793
Patents By Year of Application:	98	38	50	58	93	80	111	81	69	44	44	20	4	3	0	793
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	518	58	53	68	62	15	6	2	1	1	1	0	0	0	0	785
Patents By Year of Application:	639	62	69	5	8	2	0	0	0	0	0	0	0	0	0	785
ETHICON, INC.																
Patents By Year of Grant:	271	35	43	52	54	40	65	43	25	44	32	12	26	22	20	784
Patents By Year of Application:	351	55	56	55	83	57	54	27	24	9	8	3	2	0	0	784
OTIS ELEVATOR COMPANY																
Patents By Year of Grant:	306	76	68	30	36	58	25	15	11	16	15	24	33	34	31	778
Patents By Year of Application:	450	38	34	56	37	24	52	40	29	12	4	0	0	2	0	778

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
TRW INC.																
Patents By Year of Grant:	241	61	72	105	118	67	52	26	15	7	1	1	0	0	0	766
Patents By Year of Application:	392	105	88	82	67	31	1	0	0	0	0	0	0	0	0	766
NIPPONDENSO CO., LTD.																
Patents By Year of Grant:	607	107	28	13	7	2	0	0	0	0	0	0	0	0	0	764
Patents By Year of Application:	749	8	5	2	0	0	0	0	0	0	0	0	0	0	0	764
NTN CORPORATION																
Patents By Year of Grant:	92	37	31	39	35	41	49	47	39	60	38	36	58	78	84	764
Patents By Year of Application:	162	37	34	52	57	60	59	87	64	70	29	27	19	7	0	764
Fujifilm Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	109	166	176	173	135	759
Patents By Year of Application:	0	0	0	0	3	6	26	97	197	190	115	72	49	4	0	759
HILTI AKTIENGESELLSCHAFT																
Patents By Year of Grant:	127	38	26	48	30	49	67	62	51	65	40	32	29	36	48	748
Patents By Year of Application:	185	32	41	48	72	80	66	65	41	32	36	40	10	0	0	748
L'OREAL S.A.																
Patents By Year of Grant:	141	35	59	58	67	53	44	38	26	43	29	35	39	46	35	748
Patents By Year of Application:	240	54	47	65	86	55	49	52	45	36	10	5	1	3	0	748
MOTOROLA, INC.																
Patents By Year of Grant:	349	66	64	62	35	37	29	18	19	22	5	21	7	5	0	739
Patents By Year of Application:	495	46	27	58	17	25	17	15	22	8	7	1	1	0	0	739
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
Patents By Year of Grant:	0	0	0	0	1	100	163	112	52	40	32	34	51	63	82	730
Patents By Year of Application:	2	5	14	108	164	146	85	72	45	53	27	6	3	0	0	730
SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "S.N.E.C.M.A."																
Patents By Year of Grant:	230	33	34	33	27	10	3	0	0	1	19	54	86	98	98	726
Patents By Year of Application:	295	28	30	15	2	0	3	14	91	91	100	49	8	0	0	726
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	153	33	44	50	42	35	31	38	39	30	41	48	39	56	46	725
Patents By Year of Application:	241	55	30	36	46	44	71	67	33	42	31	16	11	2	0	725
ACUSHNET COMPANY																
Patents By Year of Grant:	30	15	15	9	22	27	57	56	52	65	57	52	62	89	113	721
Patents By Year of Application:	55	16	26	31	53	69	64	68	69	41	53	83	57	33	3	721

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
TOYODA JIDOSHOKKI SEISAKUSHO KABUSHIKI KAISHA																
Patents By Year of Grant:	216	69	68	87	105	105	55	9	2	1	0	0	0	0	0	717
Patents By Year of Application:	361	96	81	101	76	2	0	0	0	0	0	0	0	0	0	717
SANSHIN KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	308	83	68	82	62	69	33	2	1	1	0	0	0	0	0	709
Patents By Year of Application:	471	80	62	61	30	5	0	0	0	0	0	0	0	0	0	709
DAIMLERCHRYSLER CORPORATION																
Patents By Year of Grant:	0	0	22	126	161	112	50	69	65	67	34	0	0	0	0	706
Patents By Year of Application:	21	41	230	127	46	67	84	52	34	4	0	0	0	0	0	706
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																
Patents By Year of Grant:	124	33	30	35	60	51	53	35	30	47	41	24	42	51	43	699
Patents By Year of Application:	186	33	62	55	46	49	56	51	33	47	36	25	20	0	0	699
BAXTER INTERNATIONAL INC.																
Patents By Year of Grant:	259	45	58	43	31	25	34	27	32	29	15	9	14	26	39	686
Patents By Year of Application:	383	46	39	22	31	59	24	7	10	26	22	6	5	6	0	686
PITNEY-BOWES, INC.																
Patents By Year of Grant:	257	42	40	25	33	30	40	45	21	21	20	22	34	24	32	686
Patents By Year of Application:	347	22	41	28	41	42	34	25	33	24	23	16	10	0	0	686
BRUNSWICK CORPORATION																
Patents By Year of Grant:	118	41	42	54	47	45	34	37	39	49	45	33	34	32	34	684
Patents By Year of Application:	197	38	45	45	48	42	39	56	45	37	47	29	12	4	0	684
WHIRLPOOL CORPORATION																
Patents By Year of Grant:	168	22	26	19	12	23	31	21	17	26	45	49	59	66	97	681
Patents By Year of Application:	214	13	19	17	36	35	45	50	75	53	56	35	22	10	1	681
SUMITOMO ELECTRIC INDUSTRIES, LTD.																
Patents By Year of Grant:	238	24	34	29	57	28	35	31	34	34	38	27	21	24	16	670
Patents By Year of Application:	303	40	45	29	33	42	42	28	32	28	28	13	4	3	0	670
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	262	55	50	58	47	50	78	26	14	13	7	2	1	4	0	667
Patents By Year of Application:	377	61	61	47	57	36	22	3	0	1	1	1	0	0	0	667
EBARA CORPORATION																
Patents By Year of Grant:	127	43	46	36	54	73	49	41	36	43	31	17	14	18	24	652
Patents By Year of Application:	227	42	45	75	65	44	48	31	22	14	17	13	6	3	0	652

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
UNI-CHARM CORPORATION																
Patents By Year of Grant:	58	25	14	21	28	71	77	47	23	47	57	40	39	60	41	648
Patents By Year of Application:	108	25	49	68	94	49	38	62	69	42	22	17	4	1	0	648
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	261	40	37	38	33	31	22	32	26	39	16	15	16	14	23	643
Patents By Year of Application:	355	28	23	40	30	36	27	33	24	14	21	6	2	3	1	643
CNH AMERICA LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	19	80	83	102	72	96	100	90	642
Patents By Year of Application:	0	0	0	1	3	30	80	108	92	84	94	75	49	24	2	642
KOMATSU LTD.																
Patents By Year of Grant:	25	51	49	35	54	50	57	41	49	46	38	26	25	44	42	632
Patents By Year of Application:	109	53	52	56	63	50	60	69	45	37	18	12	7	1	0	632
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	76	50	115	194	111	39	12	12	6	5	6	6	0	0	0	632
Patents By Year of Application:	211	212	127	36	16	8	10	6	2	4	0	0	0	0	0	632
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION																
Patents By Year of Grant:	286	28	35	26	31	34	28	32	20	12	17	26	22	18	17	632
Patents By Year of Application:	358	25	25	27	33	39	28	12	27	18	28	9	3	0	0	632
SOUTHPAC TRUST INTERNATIONAL, INC.																
Patents By Year of Grant:	120	80	52	69	72	101	87	43	3	0	0	0	0	0	0	627
Patents By Year of Application:	235	71	65	70	82	73	31	0	0	0	0	0	0	0	0	627
MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	180	52	51	26	23	22	23	35	47	28	27	22	22	35	28	621
Patents By Year of Application:	281	36	13	25	19	34	52	47	19	27	14	44	7	2	1	621
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	297	27	21	33	18	24	22	28	19	19	15	20	26	21	30	620
Patents By Year of Application:	354	27	22	27	22	27	25	22	32	15	14	18	13	2	0	620
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	100	50	64	50	34	59	46	32	43	31	30	12	15	21	30	617
Patents By Year of Application:	233	42	48	45	45	58	45	34	17	19	17	5	8	1	0	617
NIKE, INC.																
Patents By Year of Grant:	32	10	9	13	5	16	15	16	35	53	34	39	62	109	156	604
Patents By Year of Application:	54	11	7	13	20	31	51	67	59	68	89	55	41	35	3	604

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	Pre																
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL	
OLYMPUS CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	50	54	76	67	63	67	113	114	604	
Patents By Year of Application:	0	1	0	3	28	73	108	128	78	100	51	18	13	3	0	604	
Warsaw Orthopedic, Inc.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	6	48	51	102	175	219	601	
Patents By Year of Application:	4	0	2	5	6	27	85	101	111	161	40	17	19	23	0	601	
BRIDGESTONE SPORTS CO., LTD.																	
Patents By Year of Grant:	25	50	27	32	36	39	45	38	25	41	47	43	58	55	39	600	
Patents By Year of Application:	104	40	44	43	39	39	32	38	54	53	59	31	19	5	0	600	
TRW VEHICLE SAFETY SYSTEMS, INC.																	
Patents By Year of Grant:	275	36	32	44	50	39	18	21	12	21	8	9	13	15	6	599	
Patents By Year of Application:	350	46	39	40	28	23	20	12	16	10	11	0	3	1	0	599	
TYCO HEALTHCARE GROUP LP																	
Patents By Year of Grant:	0	0	0	2	1	7	7	9	9	18	37	45	66	130	255	586	
Patents By Year of Application:	3	1	3	14	15	23	59	31	62	66	89	91	79	44	6	586	
CALLAWAY GOLF COMPANY																	
Patents By Year of Grant:	39	9	5	8	21	66	61	41	50	70	50	57	45	34	28	584	
Patents By Year of Application:	55	9	26	40	55	62	55	57	46	42	59	25	29	20	4	584	
M.A.N. ROLAND DRUCKMASCHINEN AG																	
Patents By Year of Grant:	213	49	32	32	19	29	31	32	25	27	17	20	24	12	18	580	
Patents By Year of Application:	296	33	29	30	37	26	34	15	36	23	9	9	3	0	0	580	
MURATA MANUFACTURING CO., LTD.																	
Patents By Year of Grant:	141	29	25	43	38	32	65	64	32	31	7	15	16	19	21	578	
Patents By Year of Application:	209	38	53	52	61	43	26	32	12	7	11	18	12	4	0	578	
MATTEL INC.																	
Patents By Year of Grant:	88	11	21	41	28	36	45	41	34	28	30	27	43	51	52	576	
Patents By Year of Application:	115	30	39	40	47	51	43	45	34	56	45	19	10	2	0	576	
FUJI JUKOGYO KABUSHIKI KAISHA																	
Patents By Year of Grant:	162	24	24	32	35	25	61	56	33	29	23	13	17	12	14	560	
Patents By Year of Application:	210	31	29	26	71	53	40	34	22	17	9	12	6	0	0	560	
FUJI XEROX CO., LTD.																	
Patents By Year of Grant:	57	15	27	20	11	25	30	32	28	30	43	54	49	64	73	558	
Patents By Year of Application:	116	17	4	25	31	32	54	43	69	70	42	29	21	5	0	558	

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE																
Patents By Year of Grant:	153	21	33	38	69	41	39	24	14	10	18	16	13	6	13	508
Patents By Year of Application:	206	34	64	49	46	29	29	31	8	5	1	5	0	1	0	508
INVENTIO AG																
Patents By Year of Grant:	77	13	26	26	24	36	33	24	27	34	39	47	33	40	25	504
Patents By Year of Application:	114	27	27	32	29	44	39	64	46	29	44	6	2	1	0	504
PRAXAIR TECHNOLOGY, INC.																
Patents By Year of Grant:	163	36	35	26	47	39	40	18	13	14	22	14	12	13	10	502
Patents By Year of Application:	216	42	21	40	38	43	25	22	18	17	11	6	2	1	0	502
KOYO SEIKO COMPANY, LTD.																
Patents By Year of Grant:	98	23	27	32	36	35	44	44	46	51	47	7	5	1	0	496
Patents By Year of Application:	145	38	33	41	48	54	75	37	22	2	1	0	0	0	0	496
SALOMON S.A.																
Patents By Year of Grant:	176	25	51	36	41	33	21	18	17	15	17	10	6	14	15	495
Patents By Year of Application:	264	32	40	25	33	23	12	22	11	17	10	6	0	0	0	495
TOKAI RIKI DENKI SEISAKUSHO K.K.																
Patents By Year of Grant:	119	28	19	21	22	36	43	34	24	29	21	16	26	28	25	491
Patents By Year of Application:	170	15	20	37	49	43	32	18	32	24	26	17	3	5	0	491
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	48	24	36	48	53	35	40	33	30	32	20	18	23	28	17	485
Patents By Year of Application:	115	52	42	57	49	33	44	23	17	14	24	8	7	0	0	485
UNISIA JECS CORPORATION																
Patents By Year of Grant:	167	44	47	52	51	50	46	23	4	0	1	0	0	0	0	485
Patents By Year of Application:	247	61	42	47	54	32	1	1	0	0	0	0	0	0	0	485
BAYERISCHE MOTOREN WERKE AG																
Patents By Year of Grant:	49	22	27	29	46	44	33	27	29	27	20	36	34	29	30	482
Patents By Year of Application:	103	32	37	47	44	34	19	20	22	46	34	22	16	6	0	482
MANNESMANN AG																
Patents By Year of Grant:	273	44	47	53	39	11	14	1	0	0	0	0	0	0	0	482
Patents By Year of Application:	359	50	52	16	4	1	0	0	0	0	0	0	0	0	0	482
SANDEN CORPORATION																
Patents By Year of Grant:	173	24	40	41	35	29	23	21	17	17	20	14	5	12	9	480
Patents By Year of Application:	236	35	38	25	26	19	38	24	17	12	7	3	0	0	0	480

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
PRATT & WHITNEY CANADA CORP.																
Patents By Year of Grant:	19	4	9	26	26	15	25	22	26	46	50	35	64	65	44	476
Patents By Year of Application:	34	24	25	19	28	30	38	64	59	95	44	10	5	1	0	476
CASE CORPORATION																
Patents By Year of Grant:	138	30	45	55	58	41	65	35	1	1	0	0	0	0	0	469
Patents By Year of Application:	217	52	59	42	55	35	9	0	0	0	0	0	0	0	0	469
L&P PROPERTY MANAGEMENT COMPANY																
Patents By Year of Grant:	65	18	23	27	36	27	37	44	36	43	21	26	22	23	18	466
Patents By Year of Application:	100	25	28	46	45	50	41	39	27	25	21	12	6	1	0	466
NORDSON CORPORATION																
Patents By Year of Grant:	134	25	29	25	27	33	19	30	22	25	16	11	18	26	26	466
Patents By Year of Application:	189	29	27	36	32	36	26	22	22	12	17	7	7	3	1	466
CORDIS CORPORATION																
Patents By Year of Grant:	169	50	21	21	23	18	27	19	21	13	26	14	12	16	11	461
Patents By Year of Application:	244	20	25	35	32	29	32	18	13	7	3	3	0	0	0	461
LUCAS INDUSTRIES PUBLIC LTD. COMPANY																
Patents By Year of Grant:	215	45	35	38	56	36	21	11	0	0	1	0	0	0	0	458
Patents By Year of Application:	297	48	42	35	24	12	0	0	0	0	0	0	0	0	0	458
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	409	35	3	1	0	1	0	0	0	0	0	0	0	0	0	449
Patents By Year of Application:	448	0	0	1	0	0	0	0	0	0	0	0	0	0	0	449
YKK CORPORATION																
Patents By Year of Grant:	72	32	44	28	32	42	28	21	16	22	22	28	19	25	18	449
Patents By Year of Application:	128	42	39	39	26	28	29	24	22	32	19	18	2	1	0	449
AISIN AW CO., LTD.																
Patents By Year of Grant:	110	50	32	14	11	11	22	30	16	25	26	21	17	19	44	448
Patents By Year of Application:	191	12	16	14	30	27	32	27	19	28	17	26	5	4	0	448
TDK CORPORATION																
Patents By Year of Grant:	75	9	9	16	30	23	31	28	24	31	36	30	35	39	31	447
Patents By Year of Application:	92	22	26	48	35	23	22	58	27	35	36	12	6	4	1	447
AUTOLIV ASP, INC.																
Patents By Year of Grant:	0	22	32	24	25	9	23	34	58	23	34	38	29	55	35	441
Patents By Year of Application:	60	25	14	22	39	47	56	33	33	35	26	37	10	4	0	441

Ranked List of Organizations with 200 or More Patents ----

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
NGK INSULATORS LTD.																
Patents By Year of Grant:	90	23	35	26	33	33	25	36	20	24	20	17	9	18	14	423
Patents By Year of Application:	152	34	29	34	27	40	19	29	25	5	14	6	9	0	0	423
INSTITUT FRANCAIS DU PETROLE																
Patents By Year of Grant:	151	44	22	32	36	25	23	14	6	21	12	8	6	10	10	420
Patents By Year of Application:	221	33	37	19	23	22	17	20	9	14	5	0	0	0	0	420
KENNAMETAL INC.																
Patents By Year of Grant:	98	26	19	19	8	11	23	20	18	37	26	32	23	19	41	420
Patents By Year of Application:	142	20	7	23	26	26	32	27	25	30	29	16	11	5	1	420
NORTHROP GRUMMAN CORPORATION																
Patents By Year of Grant:	65	51	49	39	30	33	26	28	21	15	29	20	11	3	0	420
Patents By Year of Application:	163	41	39	18	36	26	24	25	32	12	4	0	0	0	0	420
DAIKIN INDUSTRIES LIMITED																
Patents By Year of Grant:	53	9	9	22	22	14	23	18	18	26	21	26	39	59	60	419
Patents By Year of Application:	72	22	12	18	32	32	56	51	54	39	21	9	1	0	0	419
TOKAI RUBBER INDUSTRIES, LTD.																
Patents By Year of Grant:	77	10	17	22	37	32	35	25	20	37	27	32	17	22	9	419
Patents By Year of Application:	110	16	24	29	37	37	41	26	38	27	21	9	3	1	0	419
INGERSOLL-RAND COMPANY																
Patents By Year of Grant:	220	31	20	27	18	21	16	9	9	6	11	3	10	6	9	416
Patents By Year of Application:	269	25	20	19	22	8	13	11	4	11	7	3	4	0	0	416
C. R. BARD, INC.																
Patents By Year of Grant:	123	28	29	14	21	19	15	22	13	10	10	13	21	28	48	414
Patents By Year of Application:	189	22	28	17	23	23	18	35	16	12	9	7	13	2	0	414
ALSTOM TECHNOLOGY LTD																
Patents By Year of Grant:	0	0	0	0	0	0	0	48	40	57	44	44	58	61	61	413
Patents By Year of Application:	0	0	0	1	20	40	50	83	42	68	61	30	15	3	0	413
DAEWOO ELECTRONICS COMPANY, LTD.																
Patents By Year of Grant:	116	125	99	35	5	4	3	3	1	1	4	4	5	4	4	413
Patents By Year of Application:	320	56	4	3	5	2	2	5	3	4	3	6	0	0	0	413
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	68	18	22	40	44	31	39	28	31	20	16	22	15	13	4	411
Patents By Year of Application:	106	31	49	34	39	30	31	28	20	17	11	8	5	2	0	411

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
JAPAN AVIATION ELECTRONICS INDUSTRY LTD.																
Patents By Year of Grant:	36	11	13	13	14	17	15	21	55	42	45	30	29	36	33	410
Patents By Year of Application:	56	14	15	18	24	10	43	41	40	38	36	33	30	11	1	410
MICHELIN RECHERCHE ET TECHNIQUE S.A.																
Patents By Year of Grant:	21	5	7	4	15	20	38	30	45	47	42	43	21	34	32	404
Patents By Year of Application:	34	6	14	23	39	47	54	54	52	44	21	13	2	1	0	404
BOSCH SIEMENS HAUSGERATE GMBH																
Patents By Year of Grant:	16	4	18	17	11	16	20	25	34	47	40	21	20	47	64	400
Patents By Year of Application:	39	21	2	11	19	40	76	93	42	38	11	2	4	2	0	400
KUBOTA CORPORATION																
Patents By Year of Grant:	109	13	14	17	11	17	18	15	28	17	18	37	27	26	32	399
Patents By Year of Application:	140	13	12	18	15	24	29	20	28	34	28	21	14	3	0	399
SANDVIK AKTIEBOLAG																
Patents By Year of Grant:	107	28	46	48	35	28	37	31	30	5	0	0	0	1	0	396
Patents By Year of Application:	178	40	42	34	41	36	18	6	1	0	0	0	0	0	0	396
PARKER-HANNIFIN CORPORATION																
Patents By Year of Grant:	53	10	13	20	18	32	26	33	25	25	18	26	30	36	27	392
Patents By Year of Application:	75	18	20	33	23	33	41	34	29	42	29	11	2	2	0	392
HITACHI KOKI COMPANY, LIMITED																
Patents By Year of Grant:	64	21	14	14	15	11	28	19	23	25	36	37	24	29	31	391
Patents By Year of Application:	97	13	18	12	27	23	25	36	51	38	24	23	3	1	0	391
VOLKSWAGEN AKTIENGESELLSCHAFT																
Patents By Year of Grant:	90	13	31	29	32	22	33	20	21	11	21	19	13	21	15	391
Patents By Year of Application:	127	31	29	29	31	34	17	13	38	17	17	3	4	1	0	391
YOKOHAMA RUBBER CO., LTD.																
Patents By Year of Grant:	103	15	14	18	17	13	24	12	20	23	23	25	26	32	26	391
Patents By Year of Application:	135	17	21	14	21	22	38	43	31	13	17	9	8	2	0	391
FCI AMERICAS TECHNOLOGY, INC.																
Patents By Year of Grant:	0	0	1	0	11	47	33	38	36	39	50	60	36	26	12	389
Patents By Year of Application:	4	6	20	36	38	33	33	41	42	58	44	20	11	3	0	389
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)																
Patents By Year of Grant:	132	33	22	21	20	23	17	19	7	19	8	14	11	16	26	388
Patents By Year of Application:	194	13	23	22	23	20	19	14	19	12	13	7	7	2	0	388

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
ADC TELECOMMUNICATIONS, INC.																
Patents By Year of Grant:	29	4	9	9	8	19	37	34	30	32	37	33	35	39	29	384
Patents By Year of Application:	40	7	16	21	42	38	19	25	34	44	45	34	13	6	0	384
RISO KAGAKU CORPORATION																
Patents By Year of Grant:	113	25	28	27	30	38	39	24	10	6	7	11	5	7	12	382
Patents By Year of Application:	155	34	29	42	48	12	20	12	8	4	3	6	8	1	0	382
SEIKO INSTRUMENTS INC.																
Patents By Year of Grant:	34	10	12	11	25	57	53	37	14	22	25	18	23	16	25	382
Patents By Year of Application:	61	16	37	41	53	33	24	22	27	24	23	11	4	6	0	382
SIEMENS AUTOMOTIVE CORPORATION																
Patents By Year of Grant:	141	26	15	27	38	49	48	37	0	1	0	0	0	0	0	382
Patents By Year of Application:	179	24	48	79	40	9	3	0	0	0	0	0	0	0	0	382
LAM RESEARCH CORPORATION																
Patents By Year of Grant:	1	7	2	13	32	48	59	40	43	45	17	22	17	17	13	376
Patents By Year of Application:	18	11	38	64	51	48	49	36	24	14	14	6	2	1	0	376
TERUMO KABUSHIKI KAISHA (TERUMO CORPORATION)																
Patents By Year of Grant:	132	6	9	9	12	18	17	12	9	14	14	14	22	38	44	370
Patents By Year of Application:	152	10	15	21	19	18	28	23	28	19	21	9	4	3	0	370
NIKON CORPORATION																
Patents By Year of Grant:	136	61	23	25	24	19	17	7	12	5	10	5	5	8	10	367
Patents By Year of Application:	228	22	18	20	18	11	9	11	12	6	4	6	2	0	0	367
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	13	10	19	35	42	38	45	63	45	16	9	9	2	10	11	367
Patents By Year of Application:	43	30	55	38	51	77	25	18	10	5	7	5	0	3	0	367
ISUZU MOTORS LIMITED																
Patents By Year of Grant:	60	19	16	31	36	24	27	25	33	22	18	10	5	13	27	366
Patents By Year of Application:	96	21	33	30	31	34	30	30	29	18	13	1	0	0	0	366
LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG																
Patents By Year of Grant:	0	0	0	0	0	14	49	32	22	40	33	44	30	60	31	355
Patents By Year of Application:	1	0	0	23	47	37	37	48	43	48	39	24	8	0	0	355
DELAWARE CAPITAL FORMATION, INC.																
Patents By Year of Grant:	68	19	13	20	19	27	42	35	34	28	14	7	5	12	11	354
Patents By Year of Application:	108	13	18	30	39	43	32	28	15	12	7	6	2	1	0	354

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
FUJINON CORPORATION (FORMERLY FUJI PHOTO OPTICAL CO. LTD.)																
Patents By Year of Grant:	55	27	19	20	16	45	38	30	15	14	14	13	18	17	13	354
Patents By Year of Application:	94	20	26	31	45	30	25	23	30	17	7	5	1	0	0	354
SYNTHESE (U.S.A.)																
Patents By Year of Grant:	34	10	15	15	24	17	28	14	14	16	20	15	42	44	46	354
Patents By Year of Application:	55	16	26	28	37	27	27	46	39	30	10	4	9	0	0	354
CARL FREUDENBERG KG																
Patents By Year of Grant:	168	6	18	19	10	18	30	18	9	15	13	11	3	6	9	353
Patents By Year of Application:	200	12	19	20	32	21	14	14	7	6	6	1	1	0	0	353
CHENG UEI PRECISION INDUSTRY CO., LTD.																
Patents By Year of Grant:	0	0	0	0	1	2	0	5	12	32	23	49	58	85	85	352
Patents By Year of Application:	0	0	0	2	1	0	6	11	30	46	54	70	65	63	4	352
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	95	24	35	60	62	33	15	13	5	3	2	2	1	1	1	352
Patents By Year of Application:	191	60	47	18	14	11	6	1	1	1	1	1	0	0	0	352
BOSTON SCIENTIFIC CORPORATION																
Patents By Year of Grant:	115	33	54	44	37	19	10	10	3	10	7	0	2	5	2	351
Patents By Year of Application:	224	37	27	24	9	8	7	8	1	3	1	0	2	0	0	351
FMC CORPORATION																
Patents By Year of Grant:	183	50	41	33	17	20	1	1	0	1	0	0	1	2	1	351
Patents By Year of Application:	269	27	23	26	1	0	0	1	0	1	1	2	0	0	0	351
ANDREAS STIHL AG & CO.																
Patents By Year of Grant:	3	5	11	24	25	22	38	31	45	25	30	26	19	17	19	340
Patents By Year of Application:	21	15	28	22	41	40	39	37	27	32	18	14	6	0	0	340
WESTINGHOUSE AIR BRAKE COMPANY																
Patents By Year of Grant:	148	44	50	50	36	7	2	2	1	0	0	0	0	0	0	340
Patents By Year of Application:	242	57	30	10	0	0	1	0	0	0	0	0	0	0	0	340
BREED AUTOMOTIVE TECHNOLOGY, INC.																
Patents By Year of Grant:	22	16	52	57	68	57	46	21	0	0	0	0	0	0	0	339
Patents By Year of Application:	79	56	65	57	40	42	0	0	0	0	0	0	0	0	0	339
TRW OCCUPANT RESTRAINT SYSTEMS GMBH & CO., KG																
Patents By Year of Grant:	14	42	54	49	56	49	27	20	12	9	2	0	1	0	0	335
Patents By Year of Application:	115	50	56	49	25	20	18	2	0	0	0	0	0	0	0	335

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
KANZAKI KOKYUKOKI MFG. CO. LTD.																
Patents By Year of Grant:	57	14	17	17	21	27	22	11	7	2	5	48	39	23	24	334
Patents By Year of Application:	89	22	17	25	18	17	5	10	23	41	35	18	11	3	0	334
CUMMINS ENGINE CO., INC.																
Patents By Year of Grant:	127	34	53	50	40	13	12	1	0	1	1	0	1	0	0	333
Patents By Year of Application:	208	60	27	24	10	3	1	0	0	0	0	0	0	0	0	333
HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	7	12	25	46	58	56	55	43	30	332
Patents By Year of Application:	0	1	1	4	10	17	51	72	75	46	46	9	0	0	0	332
MITSUBISHI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	275	33	13	5	3	0	1	0	0	0	0	0	0	0	0	330
Patents By Year of Application:	326	1	1	2	0	0	0	0	0	0	0	0	0	0	0	330
AUTOLIV DEVELOPMENT AB																
Patents By Year of Grant:	21	13	12	20	15	20	12	20	10	12	14	28	26	66	40	329
Patents By Year of Application:	43	15	21	17	19	32	33	40	30	30	23	17	6	3	0	329
FICHTEL + SACHS AG																
Patents By Year of Grant:	209	72	40	7	0	0	0	0	0	0	0	0	0	0	0	328
Patents By Year of Application:	327	0	1	0	0	0	0	0	0	0	0	0	0	0	0	328
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	91	25	22	13	13	19	12	19	15	16	16	14	12	21	20	328
Patents By Year of Application:	140	19	13	23	13	20	30	15	14	15	14	6	4	1	1	328
NEW HOLLAND NORTH AMERICA, INC.																
Patents By Year of Grant:	74	28	40	34	34	35	51	29	1	1	0	0	0	0	0	327
Patents By Year of Application:	124	38	39	28	43	40	14	1	0	0	0	0	0	0	0	327
AIRBUS DEUTSCHLAND GMBH																
Patents By Year of Grant:	0	0	0	0	0	19	20	8	11	23	21	27	41	78	78	326
Patents By Year of Application:	0	0	0	9	31	10	20	60	81	53	32	21	7	2	0	326
S. C. JOHNSON + SON, INC.																
Patents By Year of Grant:	29	11	15	5	7	21	17	25	25	22	29	23	30	36	29	324
Patents By Year of Application:	52	6	9	26	17	33	37	32	41	24	25	11	6	5	0	324
SDGI HOLDINGS, INC.																
Patents By Year of Grant:	1	14	25	24	36	27	45	41	19	60	21	8	1	1	1	324
Patents By Year of Application:	49	19	36	61	43	59	35	14	6	2	0	0	0	0	0	324

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
MANNESMANN SACHS AG																
Patents By Year of Grant:	0	5	41	84	51	60	59	19	2	1	0	0	0	0	0	322
Patents By Year of Application:	31	79	73	64	66	7	2	0	0	0	0	0	0	0	0	322
AGILENT TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	21	42	34	45	54	42	28	19	14	12	4	6	321
Patents By Year of Application:	8	19	37	35	57	56	40	20	18	22	5	2	2	0	0	321
ALCOA INC.																
Patents By Year of Grant:	116	27	21	15	20	11	18	21	16	13	11	11	4	6	11	321
Patents By Year of Application:	168	18	10	19	17	22	19	12	12	10	6	7	1	0	0	321
MORTON INTERNATIONAL, INC.																
Patents By Year of Grant:	275	40	6	0	0	0	0	0	0	0	0	0	0	0	0	321
Patents By Year of Application:	321	0	0	0	0	0	0	0	0	0	0	0	0	0	0	321
AMP INCORPORATED																
Patents By Year of Grant:	319	0	0	0	0	0	0	0	0	0	0	0	0	0	0	319
Patents By Year of Application:	319	0	0	0	0	0	0	0	0	0	0	0	0	0	0	319
HIROSE ELECTRIC CO., LTD.																
Patents By Year of Grant:	76	13	24	12	26	21	16	12	14	27	16	26	16	12	8	319
Patents By Year of Application:	111	14	21	20	13	21	9	17	18	26	20	14	11	4	0	319
DAIWA SEIKO INC																
Patents By Year of Grant:	145	33	33	31	19	13	12	5	6	3	5	5	2	4	2	318
Patents By Year of Application:	228	19	25	11	8	6	4	0	5	3	3	4	2	0	0	318
BERG TECHNOLOGY, INC.																
Patents By Year of Grant:	68	49	45	56	56	25	12	3	1	0	0	0	0	0	0	315
Patents By Year of Application:	181	49	46	26	9	1	2	1	0	0	0	0	0	0	0	315
TECUMSEH PRODUCTS COMPANY																
Patents By Year of Grant:	99	8	13	16	23	23	20	26	24	22	20	6	5	4	4	313
Patents By Year of Application:	120	11	20	26	21	25	43	21	13	7	4	2	0	0	0	313
SMC CORPORATION																
Patents By Year of Grant:	44	15	25	18	36	34	21	24	13	25	13	12	12	9	11	312
Patents By Year of Application:	73	30	13	46	29	22	26	21	19	18	4	10	1	0	0	312
UNITED STATES OF AMERICA, AIR FORCE																
Patents By Year of Grant:	146	18	18	16	22	17	16	10	10	5	6	8	8	4	8	312
Patents By Year of Application:	185	11	17	24	18	12	10	6	14	6	2	4	3	0	0	312

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
ACUSON CORPORATION																
Patents By Year of Grant:	43	26	49	42	50	38	40	14	8	1	0	0	0	0	0	311
Patents By Year of Application:	115	43	65	45	22	19	2	0	0	0	0	0	0	0	0	311
KONAMI CO., LTD.																
Patents By Year of Grant:	18	13	17	30	29	40	52	29	35	21	7	11	3	5	0	310
Patents By Year of Application:	66	34	29	57	68	31	10	12	3	0	0	0	0	0	0	310
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
Patents By Year of Grant:	196	20	5	15	16	10	7	9	6	5	5	3	2	5	6	310
Patents By Year of Application:	226	10	11	12	11	12	7	5	2	1	8	2	3	0	0	310
JTEKT Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	27	38	71	78	90	306
Patents By Year of Application:	0	0	0	0	0	2	13	35	64	64	76	41	10	1	0	306
W. SCHLAFHORST AG & CO.																
Patents By Year of Grant:	142	31	35	22	27	15	14	12	8	0	0	0	0	0	0	306
Patents By Year of Application:	194	28	27	20	20	11	6	0	0	0	0	0	0	0	0	306
AVERY DENNISON CORPORATION																
Patents By Year of Grant:	59	24	27	23	26	22	19	17	20	10	10	11	8	13	15	304
Patents By Year of Application:	110	23	27	24	28	21	16	13	15	7	14	4	1	1	0	304
NEWFREY LLC																
Patents By Year of Grant:	0	0	0	0	0	0	26	19	37	60	46	29	22	33	31	303
Patents By Year of Application:	0	1	0	7	29	33	57	59	29	38	22	15	7	5	1	303
SMS SCHLOEMANN-SIEMAG AG																
Patents By Year of Grant:	87	25	44	61	47	20	13	4	0	2	0	0	0	0	0	303
Patents By Year of Application:	146	58	56	26	14	3	0	0	0	0	0	0	0	0	0	303
DAINIPPON SCREEN MFG. CO., LTD.																
Patents By Year of Grant:	50	16	21	18	6	10	8	30	24	30	11	28	19	11	18	300
Patents By Year of Application:	91	21	4	4	8	33	39	30	26	16	20	4	4	0	0	300
FOCKE & CO.																
Patents By Year of Grant:	127	14	24	24	18	19	22	10	1	6	8	5	7	6	9	300
Patents By Year of Application:	166	26	23	22	19	12	9	7	7	1	4	1	3	0	0	300
NIFCO INC.																
Patents By Year of Grant:	72	15	12	5	12	19	16	18	33	18	26	19	13	9	13	300
Patents By Year of Application:	96	6	8	9	24	25	44	16	48	8	7	7	1	1	0	300

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	Pre																
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL	
HUSKY INJECTION MOLDING SYSTEMS LIMITED																	
Patents By Year of Grant:	54	10	8	20	21	18	16	5	9	12	28	37	28	27	6	299	
Patents By Year of Application:	71	22	20	23	15	12	13	27	17	26	44	6	2	1	0	299	
FERAG AG																	
Patents By Year of Grant:	105	23	9	8	24	18	14	23	10	7	3	12	7	19	16	298	
Patents By Year of Application:	141	9	16	23	17	20	21	8	9	12	9	8	4	1	0	298	
DELTA ELECTRONICS INC.																	
Patents By Year of Grant:	5	0	5	5	12	14	29	27	29	31	20	27	23	25	45	297	
Patents By Year of Application:	10	6	10	14	25	26	44	34	27	44	26	22	6	3	0	297	
EXEDY CORPORATION																	
Patents By Year of Grant:	23	32	75	50	34	9	17	15	9	3	10	6	3	4	7	297	
Patents By Year of Application:	113	51	41	15	13	17	15	9	8	8	3	4	0	0	0	297	
KABUSHIKI KAISHA TOYOTA JIDOSHOKKI																	
Patents By Year of Grant:	0	0	0	0	0	2	55	55	21	27	31	29	31	20	24	295	
Patents By Year of Application:	0	0	1	1	37	88	23	40	29	39	27	7	3	0	0	295	
MURATA KIKAI KABUSHIKI KAISHA																	
Patents By Year of Grant:	139	10	16	21	15	15	14	6	4	11	8	15	8	9	4	295	
Patents By Year of Application:	165	23	11	16	15	12	8	11	12	12	10	0	0	0	0	295	
SMC KABUSHIKI KAISHA																	
Patents By Year of Grant:	44	12	21	20	27	33	34	16	17	14	13	11	11	14	8	295	
Patents By Year of Application:	68	28	20	40	32	28	20	12	11	15	13	7	1	0	0	295	
TRUTZSCHLER GMBH & CO. KG																	
Patents By Year of Grant:	95	8	13	13	21	15	16	14	9	8	7	12	14	29	21	295	
Patents By Year of Application:	112	12	18	9	18	24	13	16	15	20	9	29	0	0	0	295	
HUGHES AIRCRAFT COMPANY																	
Patents By Year of Grant:	284	9	0	0	0	0	0	0	0	1	0	0	0	0	0	294	
Patents By Year of Application:	294	0	0	0	0	0	0	0	0	0	0	0	0	0	0	294	
SCA HYGIENE PRODUCTS AB																	
Patents By Year of Grant:	0	1	12	20	22	37	38	26	26	13	11	16	13	29	30	294	
Patents By Year of Application:	35	21	37	22	47	52	16	25	8	15	13	2	1	0	0	294	
NINTENDO CO., LTD.																	
Patents By Year of Grant:	15	3	5	9	29	22	14	12	11	13	11	14	25	54	56	293	
Patents By Year of Application:	31	10	18	33	24	13	21	39	35	49	9	6	4	1	0	293	

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
CONTINENTAL TEVES AG & CO., OHG																
Patents By Year of Grant:	0	0	1	9	56	44	27	33	26	20	15	17	10	14	18	290
Patents By Year of Application:	1	6	53	43	40	52	51	12	16	11	3	2	0	0	0	290
GILLETTE COMPANY																
Patents By Year of Grant:	71	17	20	18	27	12	15	8	10	12	10	8	15	25	22	290
Patents By Year of Application:	115	25	16	19	12	8	12	18	16	18	13	9	7	2	0	290
MCDONNELL DOUGLAS CORP.																
Patents By Year of Grant:	99	45	83	40	15	4	0	3	0	0	0	1	0	0	0	290
Patents By Year of Application:	239	36	8	3	2	2	0	0	0	0	0	0	0	0	0	290
KABUSHIKI KAISHA TOPCON																
Patents By Year of Grant:	58	13	21	16	14	15	12	21	11	7	20	17	26	25	10	286
Patents By Year of Application:	83	20	20	15	21	20	25	7	9	15	32	13	6	0	0	286
MATSUSHITA ELECTRIC WORKS, LTD.																
Patents By Year of Grant:	63	15	18	18	15	12	15	12	17	28	18	34	12	7	0	284
Patents By Year of Application:	100	16	13	14	17	22	23	26	23	17	12	1	0	0	0	284
VALEO S.A.																
Patents By Year of Grant:	110	51	16	21	34	21	10	14	3	0	1	0	0	0	0	281
Patents By Year of Application:	182	18	20	30	16	14	1	0	0	0	0	0	0	0	0	281
PANDUIT CORPORATION																
Patents By Year of Grant:	32	5	5	0	9	18	14	13	7	17	26	23	34	32	45	280
Patents By Year of Application:	46	5	1	14	17	13	11	20	23	21	41	30	20	15	3	280
ZEXEL CORPORATION																
Patents By Year of Grant:	155	25	54	25	13	6	0	1	0	0	0	0	0	0	0	279
Patents By Year of Application:	223	35	9	12	0	0	0	0	0	0	0	0	0	0	0	279
FURUKAWA ELECTRIC CO., LTD.																
Patents By Year of Grant:	64	8	9	13	19	25	29	39	21	6	9	9	7	9	11	278
Patents By Year of Application:	85	13	16	30	38	32	20	5	5	9	9	12	2	2	0	278
HONEYWELL INC.																
Patents By Year of Grant:	175	26	33	30	6	3	3	1	0	0	0	0	0	0	0	277
Patents By Year of Application:	237	25	13	0	1	1	0	0	0	0	0	0	0	0	0	277
KONICA CORPORATION																
Patents By Year of Grant:	110	12	11	16	11	14	24	33	23	13	6	2	1	1	0	277
Patents By Year of Application:	134	18	12	20	18	27	40	3	3	2	0	0	0	0	0	277

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
SMITH & NEPHEW, INC.																
Patents By Year of Grant:	24	29	29	30	12	11	14	13	8	12	16	8	19	21	31	277
Patents By Year of Application:	84	28	16	17	19	28	20	24	9	8	13	6	1	4	0	277
SRI SPORTS LIMITED																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	6	56	47	38	37	49	43	276
Patents By Year of Application:	0	1	0	2	3	16	32	40	53	33	35	40	12	8	1	276
HITACHI CONSTRUCTION MACHINERY CO., LTD.																
Patents By Year of Grant:	79	9	17	15	19	21	14	12	8	11	9	11	19	18	13	275
Patents By Year of Application:	100	26	15	16	18	25	16	20	16	9	7	5	2	0	0	275
CALSONIC KANSEI CORPORATION																
Patents By Year of Grant:	0	0	0	3	25	40	24	28	30	33	27	31	16	7	9	273
Patents By Year of Application:	5	6	21	26	42	25	35	58	22	23	6	3	1	0	0	273
SOCIETE NATIONALE INDUSTRIELLE AEROSPATIALE																
Patents By Year of Grant:	179	31	19	16	21	4	2	0	0	0	0	0	0	0	1	273
Patents By Year of Application:	228	19	24	1	0	1	0	0	0	0	0	0	0	0	0	273
STRYKER CORPORATION																
Patents By Year of Grant:	46	12	15	14	14	9	14	17	10	11	10	13	17	28	38	268
Patents By Year of Application:	72	15	17	14	9	18	16	29	14	28	14	17	1	4	0	268
BABCOCK & WILCOX COMPANY																
Patents By Year of Grant:	184	27	9	10	11	9	4	5	3	2	3	0	0	0	0	267
Patents By Year of Application:	223	9	9	7	5	8	2	3	1	0	0	0	0	0	0	267
ADVANCED MICRO DEVICES, INC.																
Patents By Year of Grant:	27	14	17	35	54	50	35	14	5	6	2	3	2	0	2	266
Patents By Year of Application:	62	41	37	76	25	9	5	2	3	2	2	2	0	0	0	266
INTERNATIONAL PAPER CO.																
Patents By Year of Grant:	81	17	11	8	16	14	12	9	11	11	7	13	28	18	9	265
Patents By Year of Application:	108	7	13	14	19	10	19	12	10	24	18	7	3	1	0	265
TOSHIBA TEC KABUSHIKI KAISHA																
Patents By Year of Grant:	0	0	2	15	23	24	26	19	13	21	24	23	16	32	26	264
Patents By Year of Application:	6	15	31	14	26	12	31	28	22	31	28	9	4	7	0	264
HUBBELL INCORPORATED																
Patents By Year of Grant:	61	19	17	26	19	14	11	11	4	12	12	6	12	15	24	263
Patents By Year of Application:	99	19	23	15	16	9	9	10	4	14	12	14	13	5	1	263

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
KABUSHIKI KAISHA KOMATSU SEISAKUSHO																
Patents By Year of Grant:	248	13	2	0	0	0	0	0	0	0	0	0	0	0	0	263
Patents By Year of Application:	263	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
SCHAEFFLER KG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	28	40	44	70	79	262
Patents By Year of Application:	0	0	0	0	0	0	4	28	72	74	48	29	7	0	0	262
FANUC LTD.																
Patents By Year of Grant:	79	8	8	7	10	8	5	5	6	22	28	28	13	20	14	261
Patents By Year of Application:	97	9	8	8	7	2	15	27	29	20	19	15	3	2	0	261
KELSEY-HAYES CO.																
Patents By Year of Grant:	72	10	18	21	26	29	17	14	8	14	10	5	4	7	5	260
Patents By Year of Application:	107	13	31	29	14	15	11	14	12	8	3	1	2	0	0	260
GAS RESEARCH INSTITUTE																
Patents By Year of Grant:	162	30	31	16	8	3	4	3	2	0	0	0	0	0	0	259
Patents By Year of Application:	218	15	14	3	6	2	1	0	0	0	0	0	0	0	0	259
METSO PAPER, INC.																
Patents By Year of Grant:	0	0	0	0	8	19	40	41	27	36	19	19	18	19	12	258
Patents By Year of Application:	0	2	7	30	51	51	52	17	20	16	7	4	1	0	0	258
EMHART INC.																
Patents By Year of Grant:	133	17	27	28	25	26	1	0	0	0	0	0	0	0	0	257
Patents By Year of Application:	170	32	23	25	6	1	0	0	0	0	0	0	0	0	0	257
RESMED LIMITED																
Patents By Year of Grant:	0	2	2	12	13	19	24	22	20	28	17	11	18	18	51	257
Patents By Year of Application:	20	11	14	26	19	26	32	35	26	20	12	4	7	4	1	257
STEELCASE DEVELOPMENT CORPORATION																
Patents By Year of Grant:	0	0	15	38	45	49	36	21	21	10	11	3	2	4	2	257
Patents By Year of Application:	10	47	49	63	23	23	13	11	11	3	4	0	0	0	0	257
COOK INC.																
Patents By Year of Grant:	56	8	2	7	10	11	12	11	8	6	10	11	29	58	17	256
Patents By Year of Application:	75	10	9	9	14	16	14	31	28	18	18	11	2	1	0	256
MAKITA CORPORATION																
Patents By Year of Grant:	49	21	12	11	16	5	9	8	10	17	14	20	18	18	28	256
Patents By Year of Application:	83	7	17	13	9	12	8	17	27	14	17	15	17	0	0	256

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
JAPAN SOLDERLESS TERMINAL MFG. CO., LTD.																
Patents By Year of Grant:	1	3	1	5	13	20	33	27	28	50	24	21	15	6	8	255
Patents By Year of Application:	5	6	8	15	32	39	22	56	24	14	16	10	5	3	0	255
RIVERWOOD INTERNATIONAL CORPORATION																
Patents By Year of Grant:	158	35	24	15	12	8	3	0	0	0	0	0	0	0	0	255
Patents By Year of Application:	213	11	18	8	4	0	1	0	0	0	0	0	0	0	0	255
WMS GAMING, INC.																
Patents By Year of Grant:	12	0	2	7	9	9	18	10	9	16	10	33	24	47	49	255
Patents By Year of Application:	15	4	13	15	23	25	44	31	35	27	14	4	4	1	0	255
JOHNSON CONTROLS TECHNOLOGY COMPANY																
Patents By Year of Grant:	0	2	4	12	24	38	32	26	11	12	12	14	6	30	31	254
Patents By Year of Application:	6	22	21	28	43	23	19	22	14	14	16	22	4	0	0	254
KAO KABUSHIKI KAISHA (KAO CORPORATION)																
Patents By Year of Grant:	62	18	13	11	17	9	19	15	11	20	10	8	11	14	16	254
Patents By Year of Application:	98	15	12	18	31	14	22	19	12	8	3	1	0	1	0	254
C.R.F. SOCIETA CONSORTILE PER AZIONI																
Patents By Year of Grant:	4	11	6	9	6	7	21	21	22	30	29	26	15	27	19	253
Patents By Year of Application:	22	7	5	8	19	25	26	31	43	24	16	20	7	0	0	253
GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC																
Patents By Year of Grant:	0	0	0	0	7	46	52	36	29	30	10	13	9	15	6	253
Patents By Year of Application:	0	1	9	42	42	69	41	18	6	5	10	7	3	0	0	253
TOSHIBA MACHINE CO., LTD.																
Patents By Year of Grant:	71	16	18	11	20	9	14	18	7	16	9	12	7	16	9	253
Patents By Year of Application:	108	15	11	10	13	24	10	11	11	23	10	2	2	3	0	253
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	42	9	7	7	13	12	29	20	13	24	13	13	20	13	15	250
Patents By Year of Application:	59	9	11	17	27	26	16	20	14	15	15	17	3	1	0	250
HYDRO-GEAR LIMITED PARTNERSHIP																
Patents By Year of Grant:	13	5	6	9	15	12	12	30	29	39	23	25	12	5	14	249
Patents By Year of Application:	24	9	6	15	14	33	32	36	27	17	19	13	4	0	0	249
COLGATE-PALMOLIVE COMPANY																
Patents By Year of Grant:	40	15	19	10	13	15	7	4	10	15	15	21	14	22	28	248
Patents By Year of Application:	73	12	11	15	9	16	14	22	27	17	14	10	4	4	0	248

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
NESTEC, S.A.																
Patents By Year of Grant:	87	7	8	8	15	11	7	15	11	9	9	8	12	26	15	248
Patents By Year of Application:	102	11	5	14	14	21	17	19	15	8	17	2	2	1	0	248
COCA-COLA COMPANY																
Patents By Year of Grant:	86	19	18	17	26	17	14	11	1	5	2	4	4	11	12	247
Patents By Year of Application:	129	15	18	12	23	13	6	3	4	8	9	1	3	3	0	247
MOBIL OIL CORP.																
Patents By Year of Grant:	211	6	10	8	7	2	1	1	1	0	0	0	0	0	0	247
Patents By Year of Application:	228	8	8	2	0	0	1	0	0	0	0	0	0	0	0	247
NEAL MANUFACTURING COMPANY, INC.																
Patents By Year of Grant:	36	11	15	14	7	6	19	14	12	15	24	6	12	24	32	247
Patents By Year of Application:	65	9	8	9	20	22	21	21	32	15	13	1	7	2	2	247
CORNING INCORPORATED																
Patents By Year of Grant:	50	10	21	13	22	16	22	13	8	12	10	7	9	15	18	246
Patents By Year of Application:	79	15	28	15	19	13	15	13	3	16	17	6	6	1	0	246
EUROCOPTER FRANCE S.A.																
Patents By Year of Grant:	25	17	17	37	20	11	5	19	5	7	7	20	21	12	23	246
Patents By Year of Application:	68	30	20	5	8	20	9	13	16	27	12	11	7	0	0	246
MINEBEA KABUSHIKI-KAISHA (MINEBEA CO., LTD)																
Patents By Year of Grant:	9	9	4	11	13	21	26	23	32	36	22	14	8	12	6	246
Patents By Year of Application:	29	6	15	19	24	30	55	26	25	10	2	3	2	0	0	246
NIPPON THOMPSON CO., LTD.																
Patents By Year of Grant:	134	10	8	13	9	2	8	10	4	6	7	7	5	14	9	246
Patents By Year of Application:	152	11	10	4	8	9	7	8	12	9	9	7	0	0	0	246
PHILIP MORRIS INCORPORATED																
Patents By Year of Grant:	155	8	15	13	15	8	10	15	6	0	0	0	0	0	0	245
Patents By Year of Application:	184	12	10	11	12	13	3	0	0	0	0	0	0	0	0	245
FLORIDA TURBINE TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	5	4	20	39	68	105	244
Patents By Year of Application:	0	0	0	0	0	0	5	5	20	61	82	38	25	6	2	244
INFINEON TECHNOLOGIES AG																
Patents By Year of Grant:	0	0	0	3	10	24	28	34	39	25	17	17	14	19	14	244
Patents By Year of Application:	0	4	9	29	33	41	36	25	14	12	28	9	4	0	0	244

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
MEDTRONIC VASCULAR, INC																
Patents By Year of Grant:	0	0	0	0	0	0	0	5	27	35	26	28	23	50	50	244
Patents By Year of Application:	0	0	1	5	9	22	70	30	21	31	20	26	6	3	0	244
TEXTRON INC.																
Patents By Year of Grant:	81	16	11	18	12	8	16	14	10	18	15	14	7	4	0	244
Patents By Year of Application:	111	14	8	17	12	17	16	15	10	14	8	2	0	0	0	244
YAMAHA MARINE KABUSHIKI KAISHA																
Patents By Year of Grant:	0	0	0	0	0	0	29	44	40	28	44	47	12	0	0	244
Patents By Year of Application:	0	0	1	11	25	59	24	26	58	29	11	0	0	0	0	244
MCNEIL-PPC, INC.																
Patents By Year of Grant:	59	24	14	11	14	17	17	11	8	3	8	9	14	17	17	243
Patents By Year of Application:	106	9	22	18	16	11	7	12	8	20	5	7	1	1	0	243
AT&T CORP.																
Patents By Year of Grant:	197	4	4	6	9	5	3	6	5	0	1	1	1	0	0	242
Patents By Year of Application:	203	7	11	2	4	6	5	3	0	1	0	0	0	0	0	242
LINDE AKTIENGESSELLSCHAFT																
Patents By Year of Grant:	66	12	12	15	21	19	23	9	10	19	13	2	6	5	10	242
Patents By Year of Application:	90	13	22	18	21	21	14	18	7	8	3	4	1	2	0	242
ATLANTIC RICHFIELD COMPANY																
Patents By Year of Grant:	178	13	17	19	12	1	0	0	0	0	0	0	0	0	0	240
Patents By Year of Application:	204	24	9	3	0	0	0	0	0	0	0	0	0	0	0	240
KABUSHIKI KAISHA SHINKAWA																
Patents By Year of Grant:	100	20	17	20	16	10	12	9	7	7	3	4	4	9	2	240
Patents By Year of Application:	138	16	15	17	10	10	8	8	4	5	5	2	1	1	0	240
CARDIAC PACEMAKERS, INC.																
Patents By Year of Grant:	2	0	0	9	11	8	23	16	13	10	12	19	28	38	50	239
Patents By Year of Application:	3	9	9	19	33	25	22	33	25	17	21	8	10	5	0	239
INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	17	35	36	22	16	25	11	26	36	15	239
Patents By Year of Application:	0	0	1	15	26	48	17	24	22	35	31	10	10	0	0	239
KOMORI CORPORATION																
Patents By Year of Grant:	72	9	10	4	10	21	27	13	12	16	9	7	12	8	7	237
Patents By Year of Application:	85	12	9	16	37	7	12	22	14	10	2	10	1	0	0	237

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
SNECMA MOTEURS																
Patents By Year of Grant:	0	0	0	0	4	13	30	37	27	74	38	13	0	0	0	236
Patents By Year of Application:	0	0	0	14	38	48	28	86	21	1	0	0	0	0	0	236
NEW VENTURE GEAR, INC.																
Patents By Year of Grant:	66	27	17	22	6	30	39	27	1	0	0	0	0	0	0	235
Patents By Year of Application:	101	21	11	20	34	25	22	1	0	0	0	0	0	0	0	235
OUTBOARD MARINE CORPORATION																
Patents By Year of Grant:	169	17	13	15	17	2	1	0	0	0	0	0	0	0	0	234
Patents By Year of Application:	201	13	14	5	1	0	0	0	0	0	0	0	0	0	0	234
NCR CORPORATION																
Patents By Year of Grant:	73	25	24	22	14	17	21	5	6	6	5	5	3	2	5	233
Patents By Year of Application:	127	25	16	15	18	8	5	5	4	4	3	1	2	0	0	233
R. J. REYNOLDS TOBACCO COMPANY																
Patents By Year of Grant:	123	12	1	6	2	4	2	1	4	9	16	10	8	19	16	233
Patents By Year of Application:	140	4	2	4	1	10	22	11	9	10	8	5	3	4	0	233
EDWARDS LIFESCIENCES CORP.																
Patents By Year of Grant:	0	0	0	5	19	26	22	34	13	16	8	15	14	26	34	232
Patents By Year of Application:	13	11	22	26	37	21	24	18	20	17	8	9	3	3	0	232
TORO COMPANY																
Patents By Year of Grant:	57	14	11	19	6	20	9	8	10	15	8	15	17	13	10	232
Patents By Year of Application:	84	17	9	12	14	17	11	13	19	11	11	9	2	3	0	232
DONNELLY CORPORATION																
Patents By Year of Grant:	41	10	12	17	23	16	17	13	14	9	12	13	12	11	10	230
Patents By Year of Application:	67	10	17	19	22	17	14	14	11	4	12	7	6	7	3	230
BEHR GMBH & CO.																
Patents By Year of Grant:	44	24	22	16	23	25	18	15	19	10	6	5	1	1	0	229
Patents By Year of Application:	93	27	13	15	30	32	9	5	4	1	0	0	0	0	0	229
DEPUY PRODUCTS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	4	6	15	21	28	19	27	51	58	229
Patents By Year of Application:	0	0	0	1	4	37	47	45	36	26	20	9	3	1	0	229
KIORITZ CORPORATION																
Patents By Year of Grant:	65	14	34	29	14	13	19	15	9	7	4	3	3	0	0	229
Patents By Year of Application:	107	34	15	10	21	16	10	7	3	5	1	0	0	0	0	229

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
COMMISSARIAT A L'ENERGIE ATOMIQUE																
Patents By Year of Grant:	68	13	11	12	13	9	10	9	6	10	10	13	16	14	13	227
Patents By Year of Application:	98	9	10	11	13	16	13	16	11	17	8	3	2	0	0	227
JATCO LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	15	28	30	28	33	25	15	28	25	227
Patents By Year of Application:	0	0	0	2	10	36	49	19	48	28	24	7	2	2	0	227
KOHLER CO.																
Patents By Year of Grant:	69	12	12	6	13	10	15	14	9	9	4	8	11	19	14	225
Patents By Year of Application:	90	7	6	17	8	26	9	12	6	13	15	12	4	0	0	225
UNIVERSITY OF TEXAS																
Patents By Year of Grant:	68	7	14	14	6	12	17	15	12	10	9	7	13	8	12	224
Patents By Year of Application:	95	13	11	16	14	20	11	13	11	7	7	3	2	1	0	224
BORG-WARNER AUTOMOTIVE, INC.																
Patents By Year of Grant:	135	36	38	11	0	1	2	0	0	0	0	0	0	0	0	223
Patents By Year of Application:	201	17	3	0	2	0	0	0	0	0	0	0	0	0	0	223
FEDERAL-MOGUL WORLD WIDE, INC.																
Patents By Year of Grant:	0	0	4	8	15	22	23	14	19	22	18	23	18	17	20	223
Patents By Year of Application:	0	13	16	15	27	20	18	23	30	19	28	6	5	3	0	223
INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	22	21	30	39	33	33	15	15	9	6	223
Patents By Year of Application:	0	0	2	14	26	39	35	44	24	23	11	3	2	0	0	223
ROSEMOUNT INC.																
Patents By Year of Grant:	53	10	9	13	5	7	23	10	10	11	11	20	12	12	17	223
Patents By Year of Application:	75	9	14	11	12	10	12	17	8	15	18	13	9	0	0	223
SPX CORPORATION																
Patents By Year of Grant:	33	0	1	13	11	10	18	19	24	29	17	11	10	14	13	223
Patents By Year of Application:	35	3	16	17	15	35	35	21	17	11	11	4	1	2	0	223
WALKER DIGITAL, LLC																
Patents By Year of Grant:	0	0	0	15	35	15	22	15	16	15	15	20	20	20	14	222
Patents By Year of Application:	22	23	8	33	27	16	16	17	12	39	6	2	1	0	0	222
INA WALZLAGER SCHAEFFLER OHG																
Patents By Year of Grant:	0	10	27	42	56	50	24	5	5	2	0	0	0	0	0	221
Patents By Year of Application:	15	47	54	52	41	9	2	1	0	0	0	0	0	0	0	221

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
ITT CORPORATION																
Patents By Year of Grant:	204	12	4	0	0	0	0	0	0	1	0	0	0	0	0	221
Patents By Year of Application:	220	0	0	0	0	0	0	0	1	0	0	0	0	0	0	221
MITSUBISHI MATERIALS CORPORATION																
Patents By Year of Grant:	80	16	9	7	16	12	11	7	12	9	8	6	4	7	17	221
Patents By Year of Application:	103	8	19	14	10	16	13	5	8	4	8	8	4	0	1	221
AIRBUS FRANCE																
Patents By Year of Grant:	0	0	0	0	0	1	15	21	16	22	24	27	21	36	37	220
Patents By Year of Application:	0	0	0	0	9	27	25	36	58	33	22	8	2	0	0	220
DRESSER INDUSTRIES, INC.																
Patents By Year of Grant:	107	23	36	32	17	3	1	0	1	0	0	0	0	0	0	220
Patents By Year of Application:	157	44	13	3	2	1	0	0	0	0	0	0	0	0	0	220
FUNAI ELECTRIC CO., LTD.																
Patents By Year of Grant:	16	0	3	5	6	11	11	6	11	20	21	29	28	34	19	220
Patents By Year of Application:	18	3	10	10	11	6	12	28	36	32	34	15	4	1	0	220
AMERICAN AXLE & MANUFACTURING, INC.																
Patents By Year of Grant:	3	4	7	8	6	10	11	12	12	21	24	23	18	21	39	219
Patents By Year of Application:	11	12	4	14	8	6	22	25	19	22	27	20	15	11	3	219
SUNDSTRAND CORPORATION																
Patents By Year of Grant:	185	15	14	4	1	0	0	0	0	0	0	0	0	0	0	219
Patents By Year of Application:	217	2	0	0	0	0	0	0	0	0	0	0	0	0	0	219
MANNESMANN VDO AG																
Patents By Year of Grant:	0	0	3	34	60	71	37	7	3	2	0	0	1	0	0	218
Patents By Year of Application:	9	29	70	67	39	1	2	1	0	0	0	0	0	0	0	218
THE BOC GROUP PLC																
Patents By Year of Grant:	88	23	21	21	14	12	9	6	8	7	5	2	1	0	1	218
Patents By Year of Application:	127	23	16	17	6	10	13	5	0	1	0	0	0	0	0	218
Daimler AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	68	57	39	52	217
Patents By Year of Application:	0	0	0	0	0	0	21	47	35	34	53	22	5	0	0	217
GIAT INDUSTRIES																
Patents By Year of Grant:	110	13	3	6	12	12	12	8	7	13	10	5	5	1	0	217
Patents By Year of Application:	126	11	6	16	9	11	14	13	9	2	0	0	0	0	0	217

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
HAMILTON SUNDSTRAND CORPORATION																
Patents By Year of Grant:	0	0	0	9	17	8	13	15	14	19	18	20	22	25	37	217
Patents By Year of Application:	3	13	7	13	7	26	19	31	32	16	22	11	15	2	0	217
SOUTHWEST RESEARCH INSTITUTE																
Patents By Year of Grant:	44	14	14	10	12	13	13	21	7	15	15	9	11	15	4	217
Patents By Year of Application:	75	9	14	9	17	14	21	9	14	15	16	4	0	0	0	217
NIPPON STEEL CORP.																
Patents By Year of Grant:	75	12	15	12	10	9	7	9	13	6	12	3	6	10	17	216
Patents By Year of Application:	109	11	9	8	8	15	10	14	14	6	7	2	0	2	1	216
SHIMA SEIKI MFG. LTD.																
Patents By Year of Grant:	68	7	12	18	4	4	21	14	16	17	17	9	4	4	1	216
Patents By Year of Application:	81	15	10	1	7	26	32	31	10	3	0	0	0	0	0	216
VOLVO LASTVAGNAR AB																
Patents By Year of Grant:	1	0	2	3	24	13	9	18	16	20	30	28	16	16	20	216
Patents By Year of Application:	3	0	23	18	12	19	29	27	46	36	2	1	0	0	0	216
AMERICAN STANDARD, INC.																
Patents By Year of Grant:	121	29	16	29	13	2	3	2	0	0	0	0	0	0	0	215
Patents By Year of Application:	167	21	18	4	2	3	0	0	0	0	0	0	0	0	0	215
THOMAS & BETTS INTERNATIONAL, INC.																
Patents By Year of Grant:	0	1	23	29	27	10	8	11	9	12	13	11	24	26	11	215
Patents By Year of Application:	26	30	14	20	7	13	11	8	23	17	17	15	13	1	0	215
TOYODA KOKI KABUSHIKI KAISHA																
Patents By Year of Grant:	57	13	8	11	7	8	16	12	33	39	5	4	1	0	0	214
Patents By Year of Application:	80	10	9	8	14	14	37	33	9	0	0	0	0	0	0	214
AISAN INDUSTRY CO., LTD.																
Patents By Year of Grant:	35	6	8	12	3	17	10	18	23	19	14	10	4	23	11	213
Patents By Year of Application:	50	6	10	13	11	15	30	21	8	13	16	18	2	0	0	213
KIMBERLY-CLARK CORPORATION																
Patents By Year of Grant:	199	8	3	1	0	0	1	0	0	0	0	0	0	1	0	213
Patents By Year of Application:	211	0	0	0	1	0	1	0	0	0	0	0	0	0	0	213
HOYA CORPORATION																
Patents By Year of Grant:	13	4	4	5	7	6	9	7	17	11	9	20	32	33	35	212
Patents By Year of Application:	22	4	10	5	10	7	23	18	37	40	20	12	2	2	0	212

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
BAUSCH & LOMB, INC.																
Patents By Year of Grant:	37	14	7	6	13	12	19	23	11	10	15	8	7	11	18	211
Patents By Year of Application:	61	8	7	29	18	25	19	12	7	7	6	9	3	0	0	211
GRAPHIC PACKAGING INTERNATIONAL, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	11	19	18	18	18	25	63	38	210
Patents By Year of Application:	0	0	1	0	8	14	24	16	41	38	32	17	16	3	0	210
TORRINGTON COMPANY																
Patents By Year of Grant:	119	14	17	11	13	11	13	10	2	0	0	0	0	0	0	210
Patents By Year of Application:	145	20	13	9	13	9	1	0	0	0	0	0	0	0	0	210
ADVICS CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	1	6	31	36	30	33	25	21	26	209
Patents By Year of Application:	0	0	0	0	0	3	35	65	34	34	26	11	1	0	0	209
ASMO CO., LTD.																
Patents By Year of Grant:	33	10	14	16	9	19	21	10	7	12	11	9	8	18	12	209
Patents By Year of Application:	59	18	10	9	26	19	8	21	8	11	14	4	2	0	0	209
BOC GROUP, INC.																
Patents By Year of Grant:	92	19	17	13	13	9	4	10	10	9	8	2	2	1	0	209
Patents By Year of Application:	127	11	15	10	11	9	9	8	7	1	1	0	0	0	0	209
ROCKWELL INTERNATIONAL CORPORATION																
Patents By Year of Grant:	205	1	2	0	0	1	0	0	0	0	0	0	0	0	0	209
Patents By Year of Application:	209	0	0	0	0	0	0	0	0	0	0	0	0	0	0	209
SIEMENS VDO AUTOMOTIVE CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	7	25	34	55	30	47	9	0	1	0	208
Patents By Year of Application:	0	0	5	17	26	39	45	52	16	7	1	0	0	0	0	208
Siemens Energy, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	4	52	80	72	208
Patents By Year of Application:	0	0	0	0	0	0	2	6	27	79	58	23	9	3	1	208
TEXACO INC.																
Patents By Year of Grant:	129	8	13	24	14	7	4	1	1	2	1	0	1	1	2	208
Patents By Year of Application:	155	25	10	6	4	0	3	1	0	2	0	2	0	0	0	208
AGFA-GEVAERT N.V.																
Patents By Year of Grant:	45	17	23	28	17	17	15	20	9	11	3	2	0	0	0	207
Patents By Year of Application:	88	24	20	15	19	16	18	7	0	0	0	0	0	0	0	207

---- Organizational Patenting (Granted: Jan 01, 1992 - Dec 31, 2011) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
FRAMATOME CONNECTORS INTERNATIONAL S.A.																
Patents By Year of Grant:	63	14	25	31	27	31	13	3	0	0	0	0	0	0	0	207
Patents By Year of Application:	103	25	32	29	18	0	0	0	0	0	0	0	0	0	0	207
SMS DEMAG AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	0	8	19	31	20	17	29	30	26	21	4	2	207
Patents By Year of Application:	0	0	1	27	43	48	38	28	10	9	3	0	0	0	0	207
WHITE CONSOLIDATED INDUSTRIES, INC.																
Patents By Year of Grant:	110	37	20	14	11	7	5	2	1	0	0	0	0	0	0	207
Patents By Year of Application:	164	15	9	6	11	1	1	0	0	0	0	0	0	0	0	207
JAPAN TOBACCO INC.																
Patents By Year of Grant:	76	11	5	19	11	9	8	11	9	3	5	5	7	12	15	206
Patents By Year of Application:	96	24	7	7	8	4	18	7	12	6	10	7	0	0	0	206
SANDIA CORPORATION																
Patents By Year of Grant:	18	19	18	14	27	26	14	11	8	9	10	6	4	6	16	206
Patents By Year of Application:	55	19	26	28	10	9	15	9	9	5	9	8	3	1	0	206
SUMITOMO HEAVY INDUSTRIES, LTD.																
Patents By Year of Grant:	76	3	10	9	11	10	7	12	7	11	8	7	11	8	15	205
Patents By Year of Application:	85	11	11	13	9	17	11	17	7	10	6	4	3	1	0	205
BJ SERVICES CO																
Patents By Year of Grant:	18	3	7	7	7	8	7	19	5	20	28	19	22	28	6	204
Patents By Year of Application:	28	12	0	13	7	17	25	22	20	24	24	9	2	1	0	204
FISHER CONTROLS INTERNATIONAL, INC.																
Patents By Year of Grant:	34	13	15	11	6	6	7	17	17	17	9	11	9	14	18	204
Patents By Year of Application:	64	5	8	5	12	15	25	18	11	19	9	7	5	1	0	204
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.																
Patents By Year of Grant:	27	10	9	16	20	17	15	11	10	11	4	11	12	11	20	204
Patents By Year of Application:	50	15	21	18	20	14	15	11	17	11	7	2	2	1	0	204
KARL STORZ GMBH & CO. KG																
Patents By Year of Grant:	0	0	0	14	21	29	27	20	15	13	7	3	13	22	20	204
Patents By Year of Application:	3	12	29	37	25	22	21	10	16	16	8	2	3	0	0	204
STEELCASE INC.																
Patents By Year of Grant:	93	34	29	6	5	0	0	0	0	0	0	9	7	13	8	204
Patents By Year of Application:	151	11	5	0	0	0	1	5	6	7	10	6	1	1	0	204

---- Organizational Patenting (Granted: Jan 01, 1992 - Dec 31, 2011) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
SHERWOOD SERVICES AG																
Patents By Year of Grant:	0	0	5	18	30	27	23	8	11	32	37	10	2	0	0	203
Patents By Year of Application:	26	20	19	23	23	23	28	21	11	8	1	0	0	0	0	203
AB VOLVO																
Patents By Year of Grant:	84	22	22	29	18	13	4	3	1	2	0	3	0	1	0	202
Patents By Year of Application:	128	35	15	10	6	2	1	3	1	1	0	0	0	0	0	202
ASEA BROWN BOVERI AKTIENGESELLSCHAFT																
Patents By Year of Grant:	35	44	33	36	50	4	0	0	0	0	0	0	0	0	0	202
Patents By Year of Application:	113	42	45	2	0	0	0	0	0	0	0	0	0	0	0	202
MICROSOFT CORPORATION																
Patents By Year of Grant:	5	4	4	2	3	4	6	10	14	12	24	15	20	46	33	202
Patents By Year of Application:	11	7	2	4	9	13	29	36	48	14	15	8	3	3	0	202
SANDVIK INTELLECTUAL PROPERTY AB																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	4	29	30	28	38	37	36	202
Patents By Year of Application:	0	0	1	1	6	6	23	33	35	38	26	19	12	2	0	202
DELL PRODUCTS, L.P.																
Patents By Year of Grant:	27	15	4	13	14	12	9	13	12	13	14	12	14	13	16	201
Patents By Year of Application:	50	8	16	15	10	12	15	14	17	15	5	15	7	2	0	201
MODINE MANUFACTURING COMPANY																
Patents By Year of Grant:	37	9	10	7	9	11	15	19	23	19	11	9	7	7	8	201
Patents By Year of Application:	56	10	7	10	20	27	22	21	9	11	6	2	0	0	0	201
TOKYO KIKAI SEISAKUSHO, LTD.																
Patents By Year of Grant:	68	10	9	12	17	18	22	27	10	4	1	1	1	1	0	201
Patents By Year of Application:	83	10	20	18	22	27	15	4	1	0	1	0	0	0	0	201
KONE CORPORATION																
Patents By Year of Grant:	0	1	2	2	13	12	12	8	12	13	14	26	35	22	28	200
Patents By Year of Application:	1	6	10	12	10	12	15	16	18	33	21	28	9	7	2	200
MOORE BUSINESS FORMS INC.																
Patents By Year of Grant:	157	20	5	10	4	4	0	0	0	0	0	0	0	0	0	200
Patents By Year of Application:	198	2	0	0	0	0	0	0	0	0	0	0	0	0	0	200
SAMSUNG ELECTRO-MECHANICS CO., LTD.																
Patents By Year of Grant:	4	7	5	4	7	11	7	6	7	10	15	12	15	45	45	200
Patents By Year of Application:	19	2	15	3	8	4	11	10	19	25	39	23	16	6	0	200

---- Organizational Patenting (Granted: Jan 01, 1992 - Dec 31, 2011) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
SIEMENS WESTINGHOUSE POWER CORPORATION																
Patents By Year of Grant:	0	0	27	22	18	16	20	36	45	16	0	0	0	0	0	200
Patents By Year of Application:	30	21	11	24	21	44	41	8	0	0	0	0	0	0	0	200
Other Organizations (105755)																
Patents By Year of Grant:	113105	24072	25066	26233	27321	26098	26429	23936	21358	23779	20469	19831	19986	27875	28999	454557
Patents By Year of Application:	163511	26231	27289	28715	29664	31395	30776	27455	25086	22593	19233	13004	6663	2718	224	454557