

TECHNOLOGY ASSESSMENT AND FORECAST REPORT

MECHANICAL CLASSES

1/1993 – 12/2012



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U.S. PATENT AND TRADEMARK OFFICE
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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 **1993** and **December 2012** 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 1999**" column, correspond to selected patents in the database which were granted during the period **1993 to 1998**.

Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since 1993. Data are presented by the year in which the patent was granted ("Patents By Year of Grant") and the year the patented application was filed ("Patents by Year of Application").

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

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

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

most part, such fluctuations would be immune from changes in 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 1999**" column, correspond to patent grants in the report which were filed prior to **1999**.

Parts of the Report

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

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

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

Part B is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) that have received 200 or more U.S. utility patents since 1993. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by year in which the patented applications were filed. Information regarding patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

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

CHEMICAL, ELECTRICAL, MECHANICAL CLASSES

DECEMBER 2012

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 2012
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

MECHANICAL CLASSES																Page A1- 1
----- Technology Assessment and Forecast Report -----																
----- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1993 - Dec 31, 2012) -----																
----- NUMBER OF PATENTS -----																
	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Total	262884	55975	58887	60102	58338	58654	53054	46521	51520	44548	42603	42569	57145	58053	64758	1015611
U.S. Origin	158416	32730	33431	32833	31652	31977	28463	25261	27776	23645	21895	22268	30363	30861	34093	565664
Foreign Origin	104468	23245	25456	27269	26686	26677	24591	21260	23744	20903	20708	20301	26782	27192	30665	449947
JAPAN	35784	7946	8398	8983	9114	9136	8393	7411	8316	7559	7465	7207	9189	9119	10002	154022
GERMANY	19805	4322	4858	5169	4997	4946	4461	3720	3889	3375	3296	3205	4289	4266	5052	79650
TAIWAN	6602	1794	2212	2460	2469	2367	2540	2069	2340	1987	1894	1826	2148	2170	2362	37240
CANADA	7102	1468	1594	1663	1474	1521	1340	1199	1325	1153	1065	1086	1412	1425	1530	26357
FRANCE	6657	1342	1404	1485	1413	1364	1197	921	1096	932	924	922	1274	1317	1638	23886
UNITED KINGDOM	5607	1124	1312	1384	1292	1185	1055	985	1050	892	804	787	1162	1188	1501	21328
KOREA, SOUTH	2095	744	592	611	731	747	772	801	928	927	945	1007	1239	1291	1462	14892
ITALY	3628	704	860	757	794	835	789	624	670	591	588	555	753	783	869	13800
SWITZERLAND	3041	534	638	667	609	599	529	395	497	401	443	444	572	590	697	10656
SWEDEN	2472	590	706	741	646	625	520	443	450	405	377	332	450	516	555	9828
AUSTRALIA	1705	374	391	468	456	495	460	474	648	620	674	593	892	904	669	9823
NETHERLANDS	1521	335	365	408	386	318	304	254	293	238	258	243	349	346	427	6045
ISRAEL	976	217	223	313	292	311	240	201	239	201	191	226	337	360	426	4753
AUSTRIA	1168	252	287	316	260	309	257	221	250	198	183	192	266	267	298	4724
CHINA, PEOPLE'S REPUB	106	34	56	102	137	138	148	174	249	215	343	442	643	770	929	4486
FINLAND	933	213	204	213	196	206	195	151	177	110	122	126	171	131	171	3319
DENMARK	659	163	145	180	149	198	155	118	141	115	123	103	165	238	285	2937
BELGIUM	695	162	173	187	169	146	145	144	165	101	124	141	190	174	175	2891
SPAIN	563	126	162	157	164	179	136	137	130	106	99	98	160	167	213	2597
NORWAY	483	132	143	164	132	141	104	96	111	88	85	104	160	131	164	2238
CHINA, HONG KONG S.A.	300	81	85	127	131	149	145	114	110	135	116	99	163	135	180	2070
SOUTH AFRICA	393	64	60	55	48	64	54	45	59	40	47	47	56	56	61	1149
NEW ZEALAND	215	61	47	70	74	70	80	75	65	49	43	40	70	63	83	1105
BRAZIL	256	57	62	76	53	78	55	40	65	42	51	29	58	93	83	1098
SINGAPORE	125	30	40	60	67	72	80	66	74	66	56	71	95	78	81	1061
IRELAND	149	42	54	49	38	50	48	54	55	33	26	42	66	86	84	876
RUSSIAN FEDERATION	162	37	52	70	50	53	47	30	45	45	34	36	47	57	60	825
MEXICO	139	36	39	49	59	41	43	39	31	22	27	22	35	33	41	656
INDIA	25	13	13	11	15	21	38	23	29	43	30	36	47	74	122	540
ARGENTINA	128	35	35	38	38	44	27	20	14	18	21	18	22	17	26	501
LUXEMBOURG	99	15	25	27	19	22	26	23	15	14	17	18	19	19	22	380
MALAYSIA	48	12	18	8	23	15	27	21	18	23	22	15	29	21	30	330
HUNGARY	56	14	11	14	9	12	13	9	12	7	7	6	17	16	14	217
THAILAND	35	10	7	17	17	12	8	9	14	2	6	10	21	21	15	204
SAUDI ARABIA	46	6	12	3	5	5	7	7	4	9	13	5	9	16	43	190
CZECH REPUBLIC	20	9	14	8	8	14	8	10	12	8	12	8	18	18	21	188
Others (116)	670	147	159	159	152	189	145	137	158	133	177	160	189	236	274	3085
Ownership:																
U.S. Corporations	99916	21330	22426	22857	22055	22873	20429	18458	20354	17637	16400	16960	23605	24344	27115	396759
U.S. Government	1645	226	239	253	286	263	219	175	183	159	174	153	172	200	236	4583
U.S. Individuals	60368	12062	11661	10678	10035	9499	8442	7233	7941	6490	5849	5607	7322	7016	7515	177718
Foreign Corporations	80467	18192	20166	21885	21717	21971	20375	17773	20092	17736	17984	17885	23550	24069	27059	370921
Foreign Government	506	27	14	17	16	14	18	8	10	2	7	11	16	16	23	705
Foreign Individuals	19982	4138	4381	4412	4229	4034	3571	2874	2940	2524	2189	1953	2480	2408	2810	64925

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1993 - Dec 31, 2012) ----

	PERCENT OF PATENTS															
	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	60	58	57	55	54	55	54	54	54	53	51	52	53	53	53	56
Foreign Origin	40	42	43	45	46	45	46	46	46	47	49	48	47	47	47	44
JAPAN	14	14	14	15	16	16	16	16	16	17	18	17	16	16	15	15
GERMANY	8	8	8	9	9	8	8	8	8	8	8	8	8	7	8	8
TAIWAN	3	3	4	4	4	4	5	4	5	4	4	4	4	4	4	4
CANADA	3	3	3	3	3	3	3	3	3	3	2	3	2	2	2	3
FRANCE	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
UNITED KINGDOM	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
KOREA, SOUTH	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
ITALY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SWITZERLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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	2	1	2	2	1	1
NETHERLANDS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ISRAEL				1	1	1						1	1	1	1	0
AUSTRIA				1		1										0
CHINA, PEOPLE'S REPUB											1	1	1	1	1	0
FINLAND																0
DENMARK																0
BELGIUM																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
INDIA																0
ARGENTINA																0
LUXEMBOURG																0
MALAYSIA																0
HUNGARY																0
THAILAND																0
SAUDI ARABIA																0
CZECH REPUBLIC																0
Others (116)																0
Ownership:																
U.S. Corporations	38	38	38	38	38	39	39	40	40	40	38	40	41	42	42	39
U.S. Government	1															0
U.S. Individuals	23	22	20	18	17	16	16	16	15	15	14	13	13	12	12	17
Foreign Corporations	31	33	34	36	37	37	38	38	39	40	42	42	41	41	42	37
Foreign Government																0
Foreign Individuals	8	7	7	7	7	7	7	6	6	6	5	5	4	4	4	6

Part A2

Patent Grants as Distributed By Year of Patent Application

----- Technology Assessment and Forecast Report -----																		
MECHANICAL CLASSES															Page A2- 1			
----- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1993 - Dec 31, 2012) -----																		
	NUMBER OF PATENTED APPLICATIONS																	
	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total		
Total	378148	60129	62775	64731	67475	65293	59963	55913	52506	49533	42203	31569	18243	6509	621	1015611		
U.S. Origin	224543	33477	34555	34174	35238	34711	31512	29205	26786	25947	22399	17615	10844	4208	450	565664		
Foreign Origin	153605	26652	28220	30557	32237	30582	28451	26708	25720	23586	19804	13954	7399	2301	171	449947		
JAPAN	53267	8293	9262	10210	10144	10052	9979	9689	9383	8472	7205	4919	2368	723	56	154022		
GERMANY	28903	5376	5412	5764	6024	5430	4740	4539	3969	3704	2865	1774	845	283	22	79650		
TAIWAN	9410	2546	2425	2592	2678	2797	2474	2152	2304	2087	2071	1941	1342	399	22	37240		
CANADA	10127	1616	1620	1640	1693	1623	1560	1375	1300	1256	1056	812	497	158	24	26357		
FRANCE	9475	1476	1483	1610	1749	1533	1386	1308	1306	1061	843	438	170	44	4	23886		
UNITED KINGDOM	8254	1402	1420	1530	1586	1515	1178	1023	920	933	708	495	245	108	11	21328		
KOREA, SOUTH	3404	602	688	800	1161	1288	1277	1275	1194	1091	1004	705	303	96	4	14892		
ITALY	5156	786	893	985	1067	992	812	792	722	714	442	292	120	26	1	13800		
SWITZERLAND	4262	630	703	703	724	658	607	541	565	544	326	218	131	44		10656		
SWEDEN	3841	724	707	761	847	650	495	495	464	410	230	122	61	20	1	9828		
AUSTRALIA	2586	437	516	572	750	685	889	749	620	633	711	398	225	52		9823		
NETHERLANDS	2254	383	452	425	459	408	379	314	316	273	181	112	53	31	5	6045		
ISRAEL	1474	301	366	371	351	295	291	304	287	255	203	148	76	30	1	4753		
AUSTRIA	1687	297	303	327	426	335	293	227	254	238	165	102	46	21	3	4724		
CHINA, PEOPLE'S REPUB	186	86	111	166	216	212	314	325	453	523	624	694	442	128	6	4486		
FINLAND	1368	223	229	236	268	214	172	150	175	102	96	42	26	18		3319		
DENMARK	1001	163	201	215	241	229	182	178	146	117	113	92	46	11	2	2937		
BELGIUM	1038	190	178	189	226	233	146	178	199	140	79	56	27	10	2	2891		
SPAIN	857	142	176	222	187	189	156	158	158	127	112	68	38	7		2597		
NORWAY	755	164	156	173	207	157	152	113	134	97	78	25	22	2	3	2238		
CHINA, HONG KONG S.A.	446	123	133	157	179	172	157	151	113	152	120	90	62	15		2070		
SOUTH AFRICA	518	60	61	85	84	69	83	41	46	37	24	21	15	5		1149		
NEW ZEALAND	346	59	88	105	103	112	70	63	55	45	29	15	10	5		1105		
BRAZIL	378	72	60	85	95	69	79	43	55	51	54	35	17	5		1098		
SINGAPORE	187	73	77	83	114	85	90	87	76	63	57	41	18	9	1	1061		
IRELAND	260	43	40	71	92	70	49	59	55	49	35	28	20	5		876		
RUSSIAN FEDERATION	251	76	54	62	78	69	38	29	46	45	38	22	12	4	1	825		
MEXICO	224	40	54	57	46	49	31	34	36	20	43	14	5	3		656		
INDIA	50	14	10	24	50	46	47	41	43	59	62	53	36	5		540		
ARGENTINA	207	29	46	46	29	23	27	15	26	21	15	8	6	3		501		
LUXEMBOURG	141	24	25	26	33	29	19	21	20	22	14	4	1	1		380		
MALAYSIA	79	13	21	27	25	29	25	20	23	24	15	16	11	2		330		
HUNGARY	83	9	18	17	19	14	12	17	8	10	3	6	1			217		
THAILAND	51	13	25	14	8	10	6	14	11	18	13	11	5	5		204		
SAUDI ARABIA	64	2	3	8	11	8	11	4	11	12	17	14	20	5		190		
CZECH REPUBLIC	43	9	9	18	9	19	17	11	12	16	9	7	8	1		188		
Others (116)	972	156	195	181	258	214	208	173	215	165	144	116	69	17	2	3085		
Ownership:																		
U.S. Corporations	145313	23066	24436	24824	25626	25838	23461	22111	20637	19767	17056	13061	7982	3227	354	396759		
U.S. Government	2122	212	268	277	263	245	230	218	172	161	140	149	101	22	3	4583		
U.S. Individuals	82386	11112	10810	9964	10255	9548	8538	7619	6630	6416	5638	4735	2925	1044	98	177718		
Foreign Corporations	120221	21200	22634	25131	26627	25599	24483	23244	22536	20993	17626	12145	6372	1967	143	370921		
Foreign Government	553	14	23	4	20	22	10	10	18	7	12	8	3	1		705		
Foreign Individuals	27553	4525	4604	4531	4684	4041	3241	2711	2513	2189	1731	1471	860	248	23	64925		

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1993 - Dec 31, 2012) ----

	PERCENT OF PATENTED APPLICATIONS															
	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	59	56	55	53	52	53	53	52	51	52	53	56	59	65	72	56
Foreign Origin	41	44	45	47	48	47	47	48	49	48	47	44	41	35	28	44
JAPAN	14	14	15	16	15	15	17	17	18	17	17	16	13	11	9	15
GERMANY	8	9	9	9	9	8	8	8	8	7	7	6	5	4	4	8
TAIWAN	2	4	4	4	4	4	4	4	4	4	5	6	7	6	4	4
CANADA	3	3	3	3	3	2	3	2	2	3	3	3	3	2	4	3
FRANCE	3	2	2	2	3	2	2	2	2	2	2	1	1	1	1	2
UNITED KINGDOM	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
KOREA, SOUTH	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1
ITALY	1	1	1	2	2	2	1	1	1	1	1	1	1			1
SWITZERLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1
SWEDEN	1	1	1	1	1	1	1	1	1	1	1					1
AUSTRALIA	1	1	1	1	1	1	1	1	1	1	2	1	1	1		1
NETHERLANDS	1	1	1	1	1	1	1	1	1	1					1	1
ISRAEL		1	1	1	1			1	1	1						0
AUSTRIA				1	1	1										0
CHINA, PEOPLE'S REPUB							1	1	1	1	1	2	2	2	1	0
FINLAND																0
DENMARK																0
BELGIUM																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
INDIA																0
ARGENTINA																0
LUXEMBOURG																0
MALAYSIA																0
HUNGARY																0
THAILAND																0
SAUDI ARABIA																0
CZECH REPUBLIC																0
Others (116)																0
Ownership:																
U.S. Corporations	38	38	39	38	38	40	39	40	39	40	40	41	44	50	57	39
U.S. Government	1												1			0
U.S. Individuals	22	18	17	15	15	15	14	14	13	13	13	15	16	16	16	17
Foreign Corporations	32	35	36	39	39	39	41	42	43	42	42	38	35	30	23	37
Foreign Government																0
Foreign Individuals	7	8	7	7	7	6	5	5	5	4	4	5	5	4	4	6

Part B

Ranked Listing of Organizations with PATENT GRANTS

As Distributed By Year of Patent Grant

and As Distributed By Year of Patent Application

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---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	1135	306	295	368	465	468	493	458	500	412	444	455	599	562	607	7567
Patents By Year of Application:	1766	277	474	508	630	542	592	556	521	566	554	371	188	21	1	7567
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	1483	171	264	342	503	403	317	307	338	294	320	359	465	541	721	6828
Patents By Year of Application:	1961	367	444	441	394	408	445	502	530	358	432	327	157	62	0	6828
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	1123	331	423	427	456	445	356	331	340	257	310	336	388	433	483	6439
Patents By Year of Application:	2339	310	348	353	379	395	340	385	363	385	319	302	157	60	4	6439
ROBERT BOSCH GMBH																
Patents By Year of Grant:	1230	226	311	380	371	425	513	445	356	262	199	222	246	304	418	5908
Patents By Year of Application:	1758	406	382	556	662	565	346	312	249	279	208	123	48	13	1	5908
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	818	251	210	220	191	180	174	180	265	242	248	267	380	428	497	4551
Patents By Year of Application:	1297	196	192	215	187	220	319	411	488	460	361	159	36	9	1	4551
HON HAI PRECISION IND. CO., LTD.																
Patents By Year of Grant:	69	94	366	394	315	294	326	208	274	194	285	354	485	464	418	4540
Patents By Year of Application:	320	468	220	346	366	236	318	190	275	329	473	466	418	113	2	4540
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	326	115	161	204	227	215	229	235	298	326	299	332	412	498	534	4411
Patents By Year of Application:	696	192	217	225	283	351	388	331	404	381	331	363	188	57	4	4411
DENSO CORPORATION																
Patents By Year of Grant:	81	144	177	197	215	263	298	303	319	344	267	253	259	216	181	3517
Patents By Year of Application:	411	178	191	281	298	360	374	367	319	308	233	133	58	6	0	3517
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	1415	213	191	110	112	200	255	240	291	176	66	21	2	0	0	3292
Patents By Year of Application:	1783	108	120	158	330	311	346	116	17	2	1	0	0	0	0	3292
HITACHI, LTD																
Patents By Year of Grant:	768	94	118	217	230	268	183	202	241	181	149	125	155	140	100	3171
Patents By Year of Application:	1015	156	217	341	236	223	247	176	164	162	141	60	23	10	0	3171
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	502	232	187	125	137	115	133	157	237	218	214	170	202	199	197	3025
Patents By Year of Application:	954	106	109	125	193	291	291	258	220	177	146	99	41	15	0	3025

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SILVERBROOK RESEARCH PTY. LTD																
Patents By Year of Grant:	0	0	5	72	98	93	93	167	317	331	422	314	498	480	76	2966
Patents By Year of Application:	71	24	96	68	145	207	490	407	268	327	480	231	130	22	0	2966
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	436	149	131	99	58	50	88	83	132	182	221	253	344	355	340	2921
Patents By Year of Application:	761	73	45	56	94	156	217	276	359	317	272	183	93	18	1	2921
CATERPILLAR INC.																
Patents By Year of Grant:	727	183	274	200	201	188	131	108	91	122	119	100	146	172	140	2902
Patents By Year of Application:	1160	236	212	198	179	113	90	148	154	166	191	27	21	5	2	2902
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	545	148	197	180	137	161	164	156	207	150	156	160	158	147	199	2865
Patents By Year of Application:	879	168	164	181	229	238	299	238	157	120	97	61	27	7	0	2865
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	656	185	221	222	200	209	157	123	104	97	144	117	154	127	135	2851
Patents By Year of Application:	1096	217	225	202	150	155	107	121	113	154	208	57	29	12	5	2851
BOEING COMPANY																
Patents By Year of Grant:	309	75	77	83	109	134	212	202	206	192	171	205	255	263	243	2736
Patents By Year of Application:	482	67	92	163	241	265	290	266	261	221	196	122	53	16	1	2736
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	952	201	189	162	207	199	148	127	86	65	48	36	71	73	135	2699
Patents By Year of Application:	1393	135	212	181	196	105	121	53	53	53	66	78	41	12	0	2699
GM Global Technology Operations, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	25	143	205	319	541	603	712	2548
Patents By Year of Application:	0	0	0	0	2	2	17	276	385	556	641	421	184	61	3	2548
DELPHI TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	62	222	407	390	298	234	199	187	174	150	98	64	50	2535
Patents By Year of Application:	22	234	346	456	350	299	202	204	157	125	83	33	16	8	0	2535
YAZAKI CORP.																
Patents By Year of Grant:	767	218	221	222	194	169	104	85	86	79	100	79	94	57	44	2519
Patents By Year of Application:	1185	190	214	191	135	77	87	75	95	83	96	63	22	6	0	2519
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.																
Patents By Year of Grant:	0	0	0	0	0	352	428	368	289	191	162	172	190	159	144	2455
Patents By Year of Application:	9	13	60	355	462	545	296	252	114	173	77	51	37	9	2	2455

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---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	548	146	160	168	141	156	149	156	176	155	112	125	110	75	55	2432
Patents By Year of Application:	847	154	147	156	181	164	228	208	122	108	90	18	8	1	0	2432
mitsubishi denki kabushiki kaisha																
Patents By Year of Grant:	799	128	130	174	171	145	133	106	106	84	70	89	106	94	96	2431
Patents By Year of Application:	1052	143	159	194	171	111	161	91	133	88	58	39	16	13	2	2431
LG ELECTRONICS INC.																
Patents By Year of Grant:	94	52	30	41	81	96	145	139	152	222	223	245	299	248	296	2363
Patents By Year of Application:	172	44	63	130	204	300	316	354	253	223	167	101	20	15	1	2363
FORD GLOBAL TECHNOLOGIES, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	148	204	164	229	234	238	212	279	265	354	2327
Patents By Year of Application:	1	4	40	100	229	212	248	267	316	279	229	163	169	58	12	2327
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	567	121	164	194	165	183	218	168	178	159	120	10	5	1	0	2253
Patents By Year of Application:	897	187	172	235	228	226	169	103	30	4	2	0	0	0	0	2253
XEROX CORPORATION																
Patents By Year of Grant:	572	86	95	144	170	137	90	80	75	59	75	106	161	179	218	2247
Patents By Year of Application:	792	143	145	105	126	103	92	137	116	102	131	161	72	20	2	2247
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	343	78	88	119	84	99	81	77	92	94	114	173	243	220	251	2156
Patents By Year of Application:	550	75	101	99	121	104	96	132	161	197	243	198	45	33	1	2156
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	745	225	268	361	381	165	0	1	1	0	0	0	0	0	0	2147
Patents By Year of Application:	1308	298	291	234	15	0	1	0	0	0	0	0	0	0	0	2147
HALLIBURTON ENERGY SERVICES, INC.																
Patents By Year of Grant:	83	93	114	131	129	122	144	133	205	214	154	119	156	138	192	2127
Patents By Year of Application:	300	111	126	141	197	202	259	181	129	139	107	120	70	36	9	2127
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	120	39	51	93	112	96	113	91	119	129	154	144	277	276	278	2092
Patents By Year of Application:	228	72	129	119	153	141	164	157	214	235	221	174	63	20	2	2092
DEERE + COMPANY																
Patents By Year of Grant:	374	77	65	108	106	141	139	119	110	112	112	122	153	145	141	2024
Patents By Year of Application:	493	108	125	156	151	137	121	157	145	119	145	92	61	13	1	2024

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ILLINOIS TOOL WORKS INC.																
Patents By Year of Grant:	354	70	88	120	92	137	139	194	111	135	124	111	117	125	93	2010
Patents By Year of Application:	494	113	138	152	196	182	141	156	128	132	88	63	19	8	0	2010
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	621	62	84	70	51	34	31	55	110	92	94	105	155	178	254	1996
Patents By Year of Application:	792	66	30	46	58	96	174	140	193	183	105	54	31	16	12	1996
PROCTER + GAMBLE COMPANY																
Patents By Year of Grant:	457	138	113	102	128	127	100	84	89	63	62	64	129	146	173	1975
Patents By Year of Application:	774	110	150	119	110	125	102	119	112	81	63	59	30	20	1	1975
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	12	48	94	117	134	159	197	162	191	174	192	187	235	1902
Patents By Year of Application:	29	41	107	119	156	219	267	247	191	197	200	86	35	7	1	1902
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	586	103	118	107	141	137	86	75	72	69	56	61	74	95	95	1875
Patents By Year of Application:	812	101	121	123	109	100	101	74	64	79	60	84	37	8	2	1875
SUMITOMO WIRING SYSTEMS, LTD.																
Patents By Year of Grant:	455	106	114	122	144	131	127	90	114	88	55	61	60	40	70	1777
Patents By Year of Application:	657	101	124	141	123	127	92	80	77	62	69	54	45	22	3	1777
TOSHIBA CORPORATION																
Patents By Year of Grant:	546	71	72	91	84	62	59	53	64	83	72	66	133	153	165	1774
Patents By Year of Application:	708	92	66	78	65	77	86	96	97	81	146	89	58	31	4	1774
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.																
Patents By Year of Grant:	438	92	95	77	58	44	34	36	55	73	86	127	146	150	143	1654
Patents By Year of Application:	648	73	52	36	57	50	65	121	130	153	126	116	26	1	0	1654
BOSTON SCIENTIFIC SCIMED, INC.																
Patents By Year of Grant:	0	0	0	0	3	7	5	66	109	120	134	198	333	367	311	1653
Patents By Year of Application:	6	7	24	52	151	285	266	257	178	124	112	89	86	15	1	1653
HYUNDAI MOTOR COMPANY																
Patents By Year of Grant:	210	81	42	76	113	85	78	82	91	81	80	104	133	189	195	1640
Patents By Year of Application:	333	76	113	68	121	107	88	108	110	98	189	157	62	10	0	1640
KIMBERLY-CLARK WORLDWIDE, INC.																
Patents By Year of Grant:	96	79	96	100	107	171	144	115	101	62	61	89	126	96	128	1571
Patents By Year of Application:	325	139	155	203	180	125	106	107	77	60	51	20	18	3	2	1571

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SCI-MED LIFE SYSTEMS, INC.																
Patents By Year of Grant:	204	77	131	158	191	273	207	108	95	49	21	14	7	13	5	1553
Patents By Year of Application:	479	200	247	289	176	101	39	10	4	4	2	0	1	1	0	1553
SONY CORPORATION																
Patents By Year of Grant:	398	89	104	70	81	90	67	70	80	77	67	65	97	88	87	1530
Patents By Year of Application:	600	83	83	101	71	90	91	96	80	83	71	54	23	4	0	1530
HEIDELBERGER DRUCKMASCHINEN AG																
Patents By Year of Grant:	463	89	111	87	122	186	160	63	31	37	39	33	28	35	32	1516
Patents By Year of Application:	683	129	155	168	114	61	38	49	31	37	23	26	1	1	0	1516
INTERNATIONAL GAME TECHNOLOGY (IGT)																
Patents By Year of Grant:	15	7	6	16	35	68	101	98	71	90	118	119	244	255	255	1498
Patents By Year of Application:	39	14	98	136	169	175	181	144	188	151	94	39	28	41	1	1498
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	411	74	78	86	126	138	176	139	147	64	6	6	2	1	0	1454
Patents By Year of Application:	567	95	108	159	200	188	90	34	10	1	2	0	0	0	0	1454
DAIMLER-CHRYSLER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	62	240	293	197	169	153	96	119	82	31	1	0	0	0	1443
Patents By Year of Application:	279	304	211	194	187	103	75	65	24	1	0	0	0	0	0	1443
AISIN SEIKI KABUSHIKI KAISHA																
Patents By Year of Grant:	417	101	84	78	91	70	73	59	56	58	64	72	76	60	79	1438
Patents By Year of Application:	606	88	57	100	76	65	72	73	89	64	55	63	23	7	0	1438
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	52	102	95	102	106	105	100	130	130	95	82	133	98	81	1411
Patents By Year of Application:	194	91	111	137	137	143	128	144	97	91	63	39	23	12	1	1411
FORD MOTOR COMPANY																
Patents By Year of Grant:	1088	85	59	10	10	16	17	17	19	15	16	14	15	9	7	1397
Patents By Year of Application:	1219	24	12	9	27	19	24	14	18	25	5	0	1	0	0	1397
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	105	70	101	168	190	164	121	115	131	74	42	27	21	19	14	1362
Patents By Year of Application:	299	161	180	226	165	107	69	60	49	17	15	3	9	2	0	1362
EATON CORPORATION																
Patents By Year of Grant:	475	100	91	60	65	66	52	61	59	55	43	52	62	59	59	1359
Patents By Year of Application:	634	71	78	62	77	63	68	85	63	57	42	43	10	6	0	1359

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
MEDTRONIC INC.																
Patents By Year of Grant:	249	81	86	70	62	89	62	69	58	70	50	61	98	121	119	1345
Patents By Year of Application:	443	92	81	90	92	118	91	73	71	68	38	50	29	8	1	1345
WHITAKER CORPORATION																
Patents By Year of Grant:	866	183	212	49	25	4	1	0	1	0	0	0	0	0	0	1341
Patents By Year of Application:	1246	76	15	3	0	1	0	0	0	0	0	0	0	0	0	1341
FORD GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	277	166	175	245	257	101	5	4	1	3	2	3	26	26	38	1329
Patents By Year of Application:	587	199	287	129	26	4	6	8	6	16	19	30	11	1	0	1329
BLACK & DECKER INC.																
Patents By Year of Grant:	197	50	53	64	52	60	57	53	104	106	98	85	103	95	73	1250
Patents By Year of Application:	305	69	49	71	87	96	123	107	89	107	70	42	19	16	0	1250
MOLEX INCORPORATED																
Patents By Year of Grant:	397	84	101	100	60	32	79	63	77	42	50	25	43	58	32	1243
Patents By Year of Application:	579	90	73	44	58	84	76	69	48	41	37	28	10	6	0	1243
SHIMANO INC.																
Patents By Year of Grant:	258	73	74	76	82	77	47	78	89	61	62	60	83	58	45	1223
Patents By Year of Application:	412	65	76	85	75	95	89	92	81	56	50	34	10	3	0	1223
RICOH COMPANY, LTD.																
Patents By Year of Grant:	144	37	33	46	44	43	41	40	66	41	82	86	122	156	185	1166
Patents By Year of Application:	227	39	46	48	60	75	61	90	119	110	121	90	64	16	0	1166
APPLIED MATERIALS, INC.																
Patents By Year of Grant:	95	67	82	113	104	112	75	64	98	68	52	50	67	63	53	1163
Patents By Year of Application:	277	106	152	89	83	80	55	75	72	72	51	34	12	5	0	1163
NSK LIMITED																
Patents By Year of Grant:	273	47	57	96	99	85	94	79	75	73	73	34	26	24	27	1162
Patents By Year of Application:	400	89	85	120	118	125	87	55	39	34	8	0	1	1	0	1162
ZF FRIEDRICHSHAFEN, AG																
Patents By Year of Grant:	110	27	33	37	30	38	51	50	72	87	89	85	123	118	151	1101
Patents By Year of Application:	160	42	29	47	83	94	115	109	118	150	92	37	20	5	0	1101
CARRIER CORPORATION																
Patents By Year of Grant:	284	51	91	86	73	76	70	63	54	48	24	14	32	38	57	1061
Patents By Year of Application:	423	60	81	81	81	89	101	68	51	16	4	3	3	0	0	1061

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	344	45	44	52	53	44	54	47	64	46	61	42	41	43	72	1052
Patents By Year of Application:	433	33	55	58	53	68	77	73	62	31	37	25	38	9	0	1052
ETHICON ENDO-SURGERY, INC.																
Patents By Year of Grant:	137	69	32	29	29	30	12	15	45	38	63	79	180	137	156	1051
Patents By Year of Application:	228	43	31	49	22	67	67	148	142	128	73	25	16	12	0	1051
MITSUBISHI HEAVY INDUSTRIES, LTD.																
Patents By Year of Grant:	10	54	118	109	90	92	82	69	37	39	38	43	55	63	135	1034
Patents By Year of Application:	174	117	82	101	133	58	47	37	71	70	88	27	18	11	0	1034
FUJITSU LIMITED																
Patents By Year of Grant:	261	68	80	66	71	63	45	33	53	48	55	45	39	46	42	1015
Patents By Year of Application:	435	73	66	48	59	40	62	47	58	38	34	27	22	4	2	1015
ROLLS-ROYCE PLC																
Patents By Year of Grant:	185	27	35	34	33	50	37	40	74	60	62	48	93	97	121	996
Patents By Year of Application:	260	31	35	44	51	63	88	107	75	93	64	58	23	4	0	996
TYCO HEALTHCARE GROUP LP																
Patents By Year of Grant:	0	0	2	1	7	7	9	9	18	37	45	66	130	255	410	996
Patents By Year of Application:	4	3	14	15	27	59	35	72	80	126	152	193	132	78	6	996
TYCO ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	25	35	63	82	60	86	66	73	100	135	153	110	988
Patents By Year of Application:	4	11	41	53	101	72	62	67	65	115	136	134	110	15	2	988
Fujifilm Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	109	166	176	173	135	199	958
Patents By Year of Application:	0	0	0	3	6	26	99	197	195	127	95	151	57	2	0	958
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	155	42	69	63	81	63	62	37	42	31	42	54	68	78	68	955
Patents By Year of Application:	270	59	101	85	52	58	54	48	60	67	52	25	10	14	0	955
LOCKHEED MARTIN CORPORATION																
Patents By Year of Grant:	57	26	59	51	79	93	63	52	56	61	50	54	75	77	98	951
Patents By Year of Application:	142	53	90	85	90	78	60	78	74	45	69	64	18	5	0	951
SUMITOMO RUBBER INDUSTRIES, LTD.																
Patents By Year of Grant:	275	34	50	58	60	85	89	54	46	44	30	34	33	31	26	949
Patents By Year of Application:	380	72	75	81	80	58	45	54	49	24	16	8	6	1	0	949

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
LEXMARK INTERNATIONAL, INC.																
Patents By Year of Grant:	51	38	65	68	57	65	53	43	46	70	56	41	80	62	61	856
Patents By Year of Application:	159	60	62	55	66	74	97	65	46	73	50	19	20	10	0	856
ACUSHNET COMPANY																
Patents By Year of Grant:	42	15	9	22	27	57	56	52	65	57	52	62	89	113	135	853
Patents By Year of Application:	68	26	31	53	69	65	69	69	41	55	91	98	55	60	3	853
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
Patents By Year of Grant:	0	0	0	1	100	163	112	52	40	32	34	51	63	82	116	846
Patents By Year of Application:	7	14	108	164	146	85	80	61	77	72	17	12	2	1	0	846
NEC CORPORATION																
Patents By Year of Grant:	249	77	133	112	98	45	19	28	15	16	10	7	14	7	16	846
Patents By Year of Application:	481	107	81	53	29	18	24	13	14	8	9	8	1	0	0	846
BECTON, DICKINSON AND COMPANY																
Patents By Year of Grant:	238	64	52	48	35	60	45	32	44	28	31	27	44	50	44	842
Patents By Year of Application:	363	54	53	48	57	85	33	31	20	42	18	25	13	0	0	842
VISTEON GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	15	107	113	165	165	101	63	39	21	18	17	7	8	839
Patents By Year of Application:	17	104	114	187	173	108	53	29	19	19	13	3	0	0	0	839
BRIDGESTONE CORPORATION																
Patents By Year of Grant:	274	50	51	64	53	43	39	29	24	20	27	26	35	53	49	837
Patents By Year of Application:	406	65	55	51	41	35	34	45	47	44	11	1	2	0	0	837
DANA CORPORATION																
Patents By Year of Grant:	308	66	84	75	63	57	56	46	39	29	11	0	0	0	0	834
Patents By Year of Application:	457	86	47	81	54	67	18	22	2	0	0	0	0	0	0	834
SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "S.N.E.C.M.A."																
Patents By Year of Grant:	231	34	33	27	10	3	0	0	1	19	54	86	98	98	132	826
Patents By Year of Application:	291	30	15	2	0	3	14	91	95	111	132	39	3	0	0	826
TAKATA CORPORATION																
Patents By Year of Grant:	174	11	24	40	48	45	52	37	51	59	80	68	73	43	19	824
Patents By Year of Application:	206	43	55	56	53	74	65	58	106	39	41	22	5	1	0	824
INTEL CORPORATION																
Patents By Year of Grant:	63	17	36	33	49	83	71	80	90	83	65	46	49	22	31	818
Patents By Year of Application:	130	50	58	93	81	112	81	69	49	46	32	6	9	2	0	818

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	152	44	50	42	35	31	38	39	30	41	48	39	56	46	37	728
Patents By Year of Application:	262	30	36	46	44	71	69	35	44	36	21	23	5	5	1	728
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																
Patents By Year of Grant:	143	30	35	60	51	53	35	30	47	41	24	42	51	43	41	726
Patents By Year of Application:	205	62	55	46	49	56	51	33	48	37	33	38	10	3	0	726
CNH AMERICA LLC																
Patents By Year of Grant:	0	0	0	0	0	0	19	80	83	102	72	96	100	90	69	711
Patents By Year of Application:	0	0	1	3	30	80	108	92	84	97	91	67	44	14	0	711
NIPPONDENSO CO., LTD.																
Patents By Year of Grant:	661	28	13	7	2	0	0	0	0	0	0	0	0	0	0	711
Patents By Year of Application:	704	5	2	0	0	0	0	0	0	0	0	0	0	0	0	711
DAIMLERCHRYSLER CORPORATION																
Patents By Year of Grant:	0	22	126	161	112	50	69	65	67	34	0	0	0	0	0	706
Patents By Year of Application:	62	230	127	46	67	84	52	34	4	0	0	0	0	0	0	706
TOYODA JIDOSHOKKI SEISAKUSHO KABUSHIKI KAISHA																
Patents By Year of Grant:	267	69	87	105	105	55	9	2	1	0	0	0	0	0	0	700
Patents By Year of Application:	440	81	101	76	2	0	0	0	0	0	0	0	0	0	0	700
UNI-CHARM CORPORATION																
Patents By Year of Grant:	75	14	21	28	71	77	47	23	47	57	40	39	60	41	58	698
Patents By Year of Application:	125	49	68	94	49	38	63	74	45	42	30	14	6	1	0	698
MOTOROLA, INC.																
Patents By Year of Grant:	369	64	62	35	37	29	18	19	22	5	21	7	5	0	0	693
Patents By Year of Application:	495	27	58	17	25	17	15	22	8	7	1	1	0	0	0	693
BAXTER INTERNATIONAL INC.																
Patents By Year of Grant:	264	58	43	31	25	34	27	32	29	15	9	14	26	39	41	687
Patents By Year of Application:	389	39	22	31	60	24	7	10	31	31	17	11	11	4	0	687
OLYMPUS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	50	54	76	67	63	67	113	114	77	681
Patents By Year of Application:	1	0	3	28	76	109	133	84	119	66	23	20	14	4	1	681
KOMATSU LTD.																
Patents By Year of Grant:	76	49	35	54	50	57	41	49	46	38	26	25	44	42	42	674
Patents By Year of Application:	162	52	56	63	50	60	69	45	44	27	26	11	3	5	1	674

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
PITNEY-BOWES, INC.																
Patents By Year of Grant:	251	40	25	33	30	40	45	21	21	20	22	34	24	32	35	673
Patents By Year of Application:	321	41	28	41	42	34	25	36	25	25	22	25	7	1	0	673
BRUNSWICK CORPORATION																
Patents By Year of Grant:	129	42	54	47	45	34	37	39	49	45	33	34	32	34	15	669
Patents By Year of Application:	205	45	45	48	42	39	56	45	37	48	30	16	10	3	0	669
Panasonic Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	11	117	148	161	232	669
Patents By Year of Application:	0	0	1	0	4	23	52	108	120	133	93	75	47	9	4	669
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	459	53	68	62	15	6	2	1	1	1	0	0	0	0	0	668
Patents By Year of Application:	584	69	5	8	2	0	0	0	0	0	0	0	0	0	0	668
SANSHIN KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	349	68	82	62	69	33	2	1	1	0	0	0	0	0	0	667
Patents By Year of Application:	509	62	61	30	5	0	0	0	0	0	0	0	0	0	0	667
EBARA CORPORATION																
Patents By Year of Grant:	154	46	36	54	73	49	41	36	43	31	17	14	18	24	23	659
Patents By Year of Application:	253	45	75	65	44	48	31	23	16	20	20	13	3	3	0	659
Hong Fu Jin Precision Industry (Shenzhen) Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	24	33	67	132	168	224	651
Patents By Year of Application:	0	0	0	0	0	1	16	24	61	86	130	190	100	42	1	651
SUMITOMO ELECTRIC INDUSTRIES, LTD.																
Patents By Year of Grant:	222	34	29	57	28	35	31	34	34	38	27	21	24	16	13	643
Patents By Year of Application:	303	45	29	33	42	42	28	33	28	31	16	7	5	1	0	643
BRIDGESTONE SPORTS CO., LTD.																
Patents By Year of Grant:	75	27	32	36	39	45	38	25	41	47	43	58	55	39	34	634
Patents By Year of Application:	144	44	43	39	39	32	39	55	54	60	32	38	12	3	0	634
MATTEL INC.																
Patents By Year of Grant:	85	21	41	28	36	45	41	34	28	30	27	43	51	52	71	633
Patents By Year of Application:	131	39	40	47	51	43	45	37	58	56	27	26	20	13	0	633
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	126	115	194	111	39	12	12	6	5	6	6	0	0	0	0	632
Patents By Year of Application:	423	127	36	16	8	10	6	2	4	0	0	0	0	0	0	632

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	142	64	50	34	59	46	32	43	31	30	12	15	21	30	21	630
Patents By Year of Application:	267	48	45	45	58	45	34	17	22	20	7	11	8	2	1	630
RAYTHEON COMPANY																
Patents By Year of Grant:	44	36	34	22	35	38	21	34	36	28	21	32	54	102	92	629
Patents By Year of Application:	128	25	27	26	40	45	40	39	44	50	77	57	24	7	0	629
FUJI XEROX CO., LTD.																
Patents By Year of Grant:	69	27	20	11	25	30	32	28	30	43	54	49	64	73	73	628
Patents By Year of Application:	130	4	25	31	32	54	43	69	71	47	40	52	26	4	0	628
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	276	50	58	47	50	78	26	14	13	7	2	1	4	0	0	626
Patents By Year of Application:	397	61	47	57	36	22	3	0	1	1	1	0	0	0	0	626
SOUTHPAC TRUST INTERNATIONAL, INC.																
Patents By Year of Grant:	199	51	69	72	101	87	43	3	0	0	0	0	0	0	0	625
Patents By Year of Application:	304	65	70	82	73	31	0	0	0	0	0	0	0	0	0	625
CALLAWAY GOLF COMPANY																
Patents By Year of Grant:	46	5	8	21	66	61	41	50	70	50	57	45	34	28	42	624
Patents By Year of Application:	62	26	40	55	62	55	57	46	42	59	25	31	35	18	11	624
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	262	37	38	33	31	22	32	26	39	16	15	16	14	23	14	618
Patents By Year of Application:	344	23	40	30	36	27	33	24	14	23	11	7	4	2	0	618
MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	208	51	26	23	22	23	35	47	28	27	22	22	35	28	15	612
Patents By Year of Application:	293	13	25	19	34	52	47	20	28	15	46	11	7	2	0	612
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION																
Patents By Year of Grant:	257	35	26	31	34	28	32	20	12	17	26	22	18	17	21	596
Patents By Year of Application:	326	25	27	33	39	28	13	27	19	28	9	12	7	2	1	596
KAWASAKI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	62	14	13	28	34	40	43	54	50	35	45	35	49	33	57	592
Patents By Year of Application:	90	22	32	34	55	73	47	43	66	41	34	38	14	3	0	592
MURATA MANUFACTURING CO., LTD.																
Patents By Year of Grant:	155	25	43	38	32	65	64	32	31	7	15	16	19	21	25	588
Patents By Year of Application:	232	53	52	61	43	26	32	12	7	11	21	25	8	5	0	588

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
TRW VEHICLE SAFETY SYSTEMS, INC.																
Patents By Year of Grant:	295	32	44	50	39	18	21	12	21	8	9	13	15	6	5	588
Patents By Year of Application:	380	39	40	28	23	20	12	16	11	11	2	5	1	0	0	588
BORGWARNER INC.																
Patents By Year of Grant:	0	0	24	50	43	50	56	67	66	45	30	33	26	38	48	576
Patents By Year of Application:	11	57	41	63	43	109	60	66	45	52	16	8	4	1	0	576
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	254	21	33	18	24	22	28	19	19	15	20	26	21	30	26	576
Patents By Year of Application:	311	22	27	22	27	25	22	33	18	20	24	18	6	1	0	576
SMITH INTERNATIONAL INC.																
Patents By Year of Grant:	74	16	17	38	32	50	36	22	32	36	54	29	63	48	28	575
Patents By Year of Application:	127	28	46	46	39	38	40	45	47	40	47	19	12	1	0	575
YAMAHA CORPORATION																
Patents By Year of Grant:	130	36	39	27	31	28	20	26	27	30	29	44	49	27	17	560
Patents By Year of Application:	204	25	28	37	26	40	22	35	34	35	36	24	11	3	0	560
PRATT & WHITNEY CANADA CORP.																
Patents By Year of Grant:	17	9	26	26	15	25	22	26	46	50	35	64	65	44	81	551
Patents By Year of Application:	52	25	19	28	30	38	64	59	98	56	40	29	11	2	0	551
M.A.N. ROLAND DRUCKMASCHINEN AG																
Patents By Year of Grant:	216	32	32	19	29	31	32	25	27	17	20	24	12	18	13	547
Patents By Year of Application:	283	29	30	37	26	34	15	38	24	12	12	6	0	1	0	547
FUJI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	141	24	32	35	25	61	56	33	29	23	13	17	12	14	21	536
Patents By Year of Application:	196	29	26	71	53	40	34	22	19	14	14	12	5	1	0	536
ITT MANUFACTURING ENTERPRISES, INC.																
Patents By Year of Grant:	15	62	102	58	41	39	40	44	32	16	15	10	24	13	19	530
Patents By Year of Application:	186	53	43	41	43	46	24	29	14	21	16	6	5	3	0	530
KOENIG + BAUER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	90	4	15	38	32	32	52	33	43	34	38	27	29	39	24	530
Patents By Year of Application:	99	45	34	41	78	79	32	43	22	17	20	18	1	1	0	530
TETRA LAVAL HOLDINGS & FINANCE S.A.																
Patents By Year of Grant:	155	55	53	38	38	24	27	22	31	7	15	15	24	13	12	529
Patents By Year of Application:	259	38	50	29	42	42	19	14	17	13	4	1	1	0	0	529

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
EMERSON ELECTRIC CO.																
Patents By Year of Grant:	132	30	33	43	36	32	36	16	42	19	24	26	28	15	10	522
Patents By Year of Application:	198	46	35	36	40	31	31	40	15	19	14	10	6	1	0	522
INVENTIO AG																
Patents By Year of Grant:	79	26	26	24	36	33	24	27	34	39	47	33	40	25	26	519
Patents By Year of Application:	130	27	32	29	44	39	66	51	29	52	13	5	2	0	0	519
G.D. SOCIETA PER AZIONI																
Patents By Year of Grant:	191	22	36	33	15	21	29	19	25	31	29	19	17	14	8	509
Patents By Year of Application:	242	42	20	29	39	28	35	24	17	15	9	9	0	0	0	509
PRAXAIR TECHNOLOGY, INC.																
Patents By Year of Grant:	192	35	26	47	39	40	18	13	14	22	14	12	13	10	14	509
Patents By Year of Application:	251	21	40	38	43	25	22	18	17	13	10	7	2	2	0	509
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	33	38	69	41	39	24	14	10	18	16	13	6	13	21	508
Patents By Year of Application:	220	64	49	46	30	29	31	10	12	6	7	1	1	1	1	508
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	68	36	48	53	35	40	33	30	32	20	18	23	28	17	20	501
Patents By Year of Application:	163	42	57	49	33	44	24	18	14	25	14	15	1	2	0	501
BAYERISCHE MOTOREN WERKE AG																
Patents By Year of Grant:	65	27	29	46	44	33	27	29	27	20	36	34	29	30	21	497
Patents By Year of Application:	129	37	47	44	34	19	20	22	46	36	22	23	11	7	0	497
TOKAI RIKI DENKI SEISAKUSHO K.K.																
Patents By Year of Grant:	124	19	21	22	36	43	34	24	29	21	16	26	28	25	22	490
Patents By Year of Application:	162	20	37	49	43	32	18	32	24	28	18	10	11	6	0	490
NORDSON CORPORATION																
Patents By Year of Grant:	145	29	25	27	33	19	30	22	25	16	11	18	26	26	36	488
Patents By Year of Application:	204	27	36	32	36	26	22	22	13	19	16	16	13	4	2	488
UNISIA JECS CORPORATION																
Patents By Year of Grant:	211	47	52	51	50	46	23	4	0	1	0	0	0	0	0	485
Patents By Year of Application:	308	42	47	54	32	1	1	0	0	0	0	0	0	0	0	485
L&P PROPERTY MANAGEMENT COMPANY																
Patents By Year of Grant:	80	23	27	36	27	37	44	36	43	21	26	22	23	18	17	480
Patents By Year of Application:	122	28	46	45	50	41	39	27	26	21	14	10	6	4	1	480

---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
HILL-ROM SERVICES, INC.																
Patents By Year of Grant:	0	0	0	18	52	53	66	30	39	26	32	37	42	43	41	479
Patents By Year of Application:	3	20	63	57	73	34	29	39	41	44	18	30	20	8	0	479
KOYO SEIKO COMPANY, LTD.																
Patents By Year of Grant:	101	27	32	36	35	44	44	46	51	47	7	5	1	0	1	477
Patents By Year of Application:	163	33	42	48	54	75	37	22	2	1	0	0	0	0	0	477
ALSTOM TECHNOLOGY LTD																
Patents By Year of Grant:	0	0	0	0	0	0	48	40	57	44	44	58	61	61	61	474
Patents By Year of Application:	0	0	1	20	40	52	83	43	72	65	49	34	12	3	0	474
BOSCH SIEMENS HAUSGERATE GMBH																
Patents By Year of Grant:	20	18	17	11	16	20	25	34	47	40	21	20	47	64	72	472
Patents By Year of Application:	60	2	11	19	40	77	100	50	51	33	15	9	4	1	0	472
DAIKIN INDUSTRIES LIMITED																
Patents By Year of Grant:	54	9	22	22	14	23	18	18	26	21	26	39	59	60	61	472
Patents By Year of Application:	86	12	18	32	32	56	51	57	51	50	23	2	2	0	0	472
SALOMON S.A.																
Patents By Year of Grant:	167	51	36	41	33	21	18	17	15	17	10	6	14	15	11	472
Patents By Year of Application:	262	40	25	33	23	12	22	11	17	12	12	2	1	0	0	472
AISIN AW CO., LTD.																
Patents By Year of Grant:	132	32	14	11	11	22	30	16	25	26	21	17	19	44	51	471
Patents By Year of Application:	175	16	14	30	27	32	28	22	29	18	41	27	9	2	1	471
AUTOLIV ASP, INC.																
Patents By Year of Grant:	22	32	24	25	9	23	34	58	23	34	38	29	55	35	28	469
Patents By Year of Application:	85	14	22	39	47	56	33	33	35	27	40	20	15	3	0	469
CORDIS CORPORATION																
Patents By Year of Grant:	190	21	21	23	18	27	19	21	13	26	14	12	16	11	28	460
Patents By Year of Application:	235	25	35	33	30	34	21	18	11	6	9	1	2	0	0	460
C. R. BARD, INC.																
Patents By Year of Grant:	121	29	14	21	19	15	22	13	10	10	13	21	28	48	75	459
Patents By Year of Application:	181	28	17	24	23	20	38	23	28	23	20	18	13	3	0	459
TDK CORPORATION																
Patents By Year of Grant:	73	9	16	30	23	31	28	24	31	36	30	35	39	31	23	459
Patents By Year of Application:	103	26	48	35	23	22	58	27	35	37	19	15	10	1	0	459

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
WMS GAMING, INC.																
Patents By Year of Grant:	12	2	7	9	9	18	10	9	16	10	33	24	47	49	202	457
Patents By Year of Application:	19	13	15	23	26	49	35	52	56	76	53	28	7	5	0	457
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	267	70	51	50	17	0	0	0	0	0	0	0	0	0	0	455
Patents By Year of Application:	386	40	27	2	0	0	0	0	0	0	0	0	0	0	0	455
YKK CORPORATION																
Patents By Year of Grant:	102	44	28	32	42	28	21	16	22	22	28	19	25	18	8	455
Patents By Year of Application:	168	39	39	26	28	29	24	22	32	20	23	4	1	0	0	455
SUZUKI MOTOR CORPORATION																
Patents By Year of Grant:	84	43	43	45	32	39	19	27	28	11	8	7	18	10	34	448
Patents By Year of Application:	165	44	31	41	27	27	27	11	5	13	20	10	21	5	1	448
CASE CORPORATION																
Patents By Year of Grant:	146	45	55	58	41	65	35	1	1	0	0	0	0	0	0	447
Patents By Year of Application:	247	59	42	55	35	9	0	0	0	0	0	0	0	0	0	447
MICHELIN RECHERCHE ET TECHNIQUE S.A.																
Patents By Year of Grant:	23	7	4	15	20	38	30	45	47	42	43	21	34	32	43	444
Patents By Year of Application:	37	14	23	39	47	54	55	55	52	35	22	4	4	3	0	444
SANDEN CORPORATION																
Patents By Year of Grant:	149	40	41	35	29	23	21	17	17	20	14	5	12	9	12	444
Patents By Year of Application:	223	38	25	26	19	38	24	17	15	14	5	0	0	0	0	444
ABBOTT LABORATORIES																
Patents By Year of Grant:	209	22	16	16	16	20	13	5	12	5	12	13	21	22	37	439
Patents By Year of Application:	264	10	18	18	13	22	7	9	27	27	9	8	5	2	0	439
JAPAN AVIATION ELECTRONICS INDUSTRY LTD.																
Patents By Year of Grant:	44	13	13	14	17	15	21	55	42	45	30	29	36	33	30	437
Patents By Year of Application:	67	15	18	24	10	43	41	40	38	36	34	33	28	10	0	437
NIDEX CO., LTD.																
Patents By Year of Grant:	74	23	36	35	19	34	21	14	21	33	38	24	28	21	15	436
Patents By Year of Application:	136	27	36	34	31	17	30	22	24	30	28	9	10	2	0	436
CHENG UEI PRECISION INDUSTRY CO., LTD.																
Patents By Year of Grant:	0	0	0	1	2	0	5	12	32	23	49	58	85	85	81	433
Patents By Year of Application:	0	0	2	1	0	6	11	30	46	54	73	68	105	37	0	433

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---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
PARKER-HANNIFIN CORPORATION																
Patents By Year of Grant:	50	13	20	18	32	26	33	25	25	18	26	30	36	27	37	416
Patents By Year of Application:	80	20	33	23	33	41	34	29	43	37	19	15	7	2	0	416
KUBOTA CORPORATION																
Patents By Year of Grant:	103	14	17	11	17	18	15	28	17	18	37	27	26	32	35	415
Patents By Year of Application:	134	12	18	15	24	29	20	28	36	32	31	24	10	2	0	415
RISO KAGAKU CORPORATION																
Patents By Year of Grant:	131	28	27	30	38	39	24	10	6	7	11	5	7	12	39	414
Patents By Year of Application:	182	29	42	48	12	20	12	8	4	3	10	29	12	3	0	414
SYNTHES (U.S.A.)																
Patents By Year of Grant:	42	15	15	24	17	28	14	14	16	20	15	42	44	46	61	413
Patents By Year of Application:	69	26	28	37	27	27	48	47	47	19	8	18	10	2	0	413
JTEKT Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	27	38	71	78	90	105	411
Patents By Year of Application:	0	0	0	0	2	13	36	66	67	96	79	40	9	3	0	411
YOKOHAMA RUBBER CO., LTD.																
Patents By Year of Grant:	96	14	18	17	13	24	12	20	23	23	25	26	32	26	40	409
Patents By Year of Application:	130	21	14	21	22	38	43	31	17	32	13	22	4	1	0	409
ADC TELECOMMUNICATIONS, INC.																
Patents By Year of Grant:	29	9	9	8	19	37	34	30	32	37	33	35	39	29	28	408
Patents By Year of Application:	43	16	21	42	38	19	25	34	44	48	37	18	19	4	0	408
SEIKO INSTRUMENTS INC.																
Patents By Year of Grant:	39	12	11	25	57	53	37	14	22	25	18	23	16	25	31	408
Patents By Year of Application:	72	37	41	53	33	24	22	28	26	23	15	18	14	2	0	408
FCI AMERICAS TECHNOLOGY, INC.																
Patents By Year of Grant:	0	1	0	11	47	33	38	36	39	50	60	36	26	12	17	406
Patents By Year of Application:	10	20	36	38	33	33	41	42	58	44	24	13	13	1	0	406
INSTITUT FRANCAIS DU PETROLE																
Patents By Year of Grant:	174	22	32	36	25	23	14	6	21	12	8	6	10	10	3	402
Patents By Year of Application:	233	37	19	23	22	17	20	9	16	6	0	0	0	0	0	402
LAM RESEARCH CORPORATION																
Patents By Year of Grant:	8	2	13	32	48	59	40	43	45	17	22	17	17	13	22	398
Patents By Year of Application:	29	38	64	51	48	49	36	24	18	17	15	4	3	1	1	398

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	68	22	40	44	31	39	28	31	20	16	22	15	13	4	3	396
Patents By Year of Application:	119	49	34	39	30	31	28	20	17	11	8	6	3	1	0	396
HITACHI KOKI COMPANY, LIMITED																
Patents By Year of Grant:	67	14	14	15	11	28	19	23	25	36	37	24	29	31	23	396
Patents By Year of Application:	92	18	12	27	23	25	36	55	39	31	28	8	2	0	0	396
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	22	19	35	42	38	45	63	45	16	9	9	2	10	11	25	391
Patents By Year of Application:	72	55	38	51	77	25	18	10	9	10	8	5	9	2	2	391
INGERSOLL-RAND COMPANY																
Patents By Year of Grant:	216	20	27	18	21	16	9	9	6	11	3	10	6	9	8	389
Patents By Year of Application:	259	20	19	22	8	13	11	5	11	8	5	7	1	0	0	389
SANDVIK AKTIEBOLAG																
Patents By Year of Grant:	126	46	48	35	28	37	31	30	5	0	0	0	1	0	0	387
Patents By Year of Application:	209	42	34	41	36	18	6	1	0	0	0	0	0	0	0	387
VOLKSWAGEN AKTIENGESELLSCHAFT																
Patents By Year of Grant:	86	31	29	32	22	33	20	21	11	21	19	13	21	15	12	386
Patents By Year of Application:	141	29	29	31	34	17	14	40	17	20	6	5	3	0	0	386
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO, LTD.)																
Patents By Year of Grant:	126	22	21	20	23	17	19	7	19	8	14	11	16	26	31	380
Patents By Year of Application:	168	23	22	23	20	19	15	19	13	19	16	14	2	7	0	380
TERUMO KABUSHIKI KAISHA (TERUMO CORPORATION)																
Patents By Year of Grant:	94	9	9	12	18	17	12	9	14	14	14	22	38	44	54	380
Patents By Year of Application:	118	15	21	19	18	28	23	28	31	37	21	11	9	1	0	380
HALLIBURTON CO.																
Patents By Year of Grant:	376	0	0	0	0	0	0	0	1	0	0	0	0	0	0	377
Patents By Year of Application:	376	0	0	0	0	1	0	0	0	0	0	0	0	0	0	377
AIRBUS DEUTSCHLAND GMBH																
Patents By Year of Grant:	0	0	0	0	19	20	8	11	23	21	27	41	78	78	49	375
Patents By Year of Application:	0	0	9	31	10	20	62	83	62	47	36	13	2	0	0	375
NINTENDO CO., LTD.																
Patents By Year of Grant:	17	5	9	29	22	14	12	11	13	11	14	25	54	56	82	374
Patents By Year of Application:	40	18	33	24	13	22	41	44	67	18	16	23	10	5	0	374

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
NIKON CORPORATION																
Patents By Year of Grant:	191	23	25	24	19	17	7	12	5	10	5	5	8	10	8	369
Patents By Year of Application:	244	18	20	18	11	9	11	14	6	4	7	2	3	2	0	369
AUTOLIV DEVELOPMENT AB																
Patents By Year of Grant:	33	12	20	15	20	12	20	10	12	14	28	26	66	40	39	367
Patents By Year of Application:	57	21	17	19	32	33	41	32	35	29	25	16	6	1	3	367
ISUZU MOTORS LIMITED																
Patents By Year of Grant:	56	16	31	36	24	27	25	33	22	18	10	5	13	27	24	367
Patents By Year of Application:	94	33	30	31	34	30	30	29	22	28	6	0	0	0	0	367
HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.																
Patents By Year of Grant:	0	0	0	0	0	7	12	25	46	58	56	55	43	30	29	361
Patents By Year of Application:	1	1	4	10	17	51	73	76	47	53	17	8	3	0	0	361
FUJINON CORPORATION (FORMERLY FUJI PHOTO OPTICAL CO. LTD.)																
Patents By Year of Grant:	79	19	20	16	45	38	30	15	14	14	13	18	17	13	5	356
Patents By Year of Application:	111	26	31	45	30	25	23	30	19	9	5	1	1	0	0	356
LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG																
Patents By Year of Grant:	0	0	0	0	14	49	32	22	40	33	44	30	60	31	0	355
Patents By Year of Application:	1	0	23	47	37	37	48	43	48	39	24	8	0	0	0	355
DELAWARE CAPITAL FORMATION, INC.																
Patents By Year of Grant:	70	13	20	19	27	42	35	34	28	14	7	5	12	11	16	353
Patents By Year of Application:	104	18	30	39	43	32	28	15	12	8	10	6	6	2	0	353
S. C. JOHNSON + SON, INC.																
Patents By Year of Grant:	33	15	5	7	21	17	25	25	22	29	23	30	36	29	34	351
Patents By Year of Application:	51	9	26	17	33	37	32	42	25	30	17	14	13	4	1	351
BOSTON SCIENTIFIC CORPORATION																
Patents By Year of Grant:	142	54	44	37	19	10	10	3	10	7	0	2	5	2	5	350
Patents By Year of Application:	255	27	24	9	8	7	8	1	3	2	0	3	3	0	0	350
SIEMENS AUTOMOTIVE CORPORATION																
Patents By Year of Grant:	133	15	27	38	49	48	37	0	1	0	0	0	0	0	0	348
Patents By Year of Application:	169	48	79	40	9	3	0	0	0	0	0	0	0	0	0	348
KANZAKI KOKYUKOKI MFG. CO. LTD.																
Patents By Year of Grant:	65	17	17	21	27	22	11	7	2	5	48	39	23	24	17	345
Patents By Year of Application:	105	17	25	18	17	5	10	23	41	36	24	18	6	0	0	345

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
DELTA ELECTRONICS INC.																
Patents By Year of Grant:	5	5	5	12	14	29	27	29	31	20	27	23	25	45	46	343
Patents By Year of Application:	16	10	14	25	26	44	34	27	45	36	40	13	9	4	0	343
CARL FREUDENBERG KG																
Patents By Year of Grant:	150	18	19	10	18	30	18	9	15	13	11	3	6	9	13	342
Patents By Year of Application:	188	19	20	32	21	15	14	7	11	8	2	4	1	0	0	342
BREED AUTOMOTIVE TECHNOLOGY, INC.																
Patents By Year of Grant:	37	52	57	68	57	46	21	0	0	0	0	0	0	0	0	338
Patents By Year of Application:	134	65	57	40	42	0	0	0	0	0	0	0	0	0	0	338
AGILENT TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	21	42	34	45	54	42	28	19	14	12	4	6	14	335
Patents By Year of Application:	27	37	35	57	56	40	21	18	22	8	7	7	0	0	0	335
TRW OCCUPANY RESTRAINT SYSTEMS GMBH & CO., KG																
Patents By Year of Grant:	56	54	49	56	49	27	20	12	9	2	0	1	0	0	0	335
Patents By Year of Application:	165	56	49	25	20	18	2	0	0	0	0	0	0	0	0	335
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	95	22	13	13	19	12	19	15	16	16	14	12	21	20	26	333
Patents By Year of Application:	138	13	23	13	20	31	16	14	15	18	11	9	6	3	3	333
SCA HYGIENE PRODUCTS AB																
Patents By Year of Grant:	1	12	20	22	37	38	26	26	13	11	16	13	29	30	39	333
Patents By Year of Application:	56	37	23	48	53	17	28	18	25	22	3	3	0	0	0	333
NEWFREY LLC																
Patents By Year of Grant:	0	0	0	0	0	26	19	37	60	46	29	22	33	31	26	329
Patents By Year of Application:	1	0	7	29	33	58	61	29	40	25	16	12	15	3	0	329
NEW HOLLAND NORTH AMERICA, INC.																
Patents By Year of Grant:	102	40	34	34	35	51	29	1	1	0	0	0	0	0	0	327
Patents By Year of Application:	162	39	28	43	40	14	1	0	0	0	0	0	0	0	0	327
KABUSHIKI KAISHA TOYOTA JIDOSHOKKI																
Patents By Year of Grant:	0	0	0	0	2	55	55	21	27	31	29	31	20	24	31	326
Patents By Year of Application:	0	1	1	37	88	23	40	30	40	37	15	12	2	0	0	326
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	93	35	60	62	33	15	13	5	3	2	2	1	1	1	0	326
Patents By Year of Application:	225	47	18	14	11	6	1	1	1	1	1	0	0	0	0	326

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SDGI HOLDINGS, INC.																
Patents By Year of Grant:	15	25	24	36	27	45	41	19	60	21	8	1	1	1	1	325
Patents By Year of Application:	68	36	61	43	59	35	14	7	2	0	0	0	0	0	0	325
CONTINENTAL TEVES AG & CO., OHG																
Patents By Year of Grant:	0	1	9	56	44	27	33	26	20	15	17	11	14	18	33	324
Patents By Year of Application:	7	53	43	40	52	52	14	21	12	18	11	0	1	0	0	324
FLORIDA TURBINE TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	3	5	4	20	39	68	105	79	323
Patents By Year of Application:	0	0	0	0	0	5	5	21	61	85	51	63	18	12	2	323
MANNESMANN SACHS AG																
Patents By Year of Grant:	5	41	84	51	60	59	19	2	1	0	0	0	0	0	0	322
Patents By Year of Application:	110	73	64	66	7	2	0	0	0	0	0	0	0	0	0	322
CUMMINS ENGINE CO., INC.																
Patents By Year of Grant:	147	53	50	40	13	12	1	0	1	1	0	1	0	0	0	319
Patents By Year of Application:	254	27	24	10	3	1	0	0	0	0	0	0	0	0	0	319
MORTON INTERNATIONAL, INC.																
Patents By Year of Grant:	313	6	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
ALCOA INC.																
Patents By Year of Grant:	129	21	15	20	11	18	21	16	13	11	11	4	6	11	11	318
Patents By Year of Application:	172	10	19	17	22	19	12	12	10	6	7	6	5	1	0	318
AVERY DENNISON CORPORATION																
Patents By Year of Grant:	80	27	23	26	22	19	17	20	10	10	11	8	13	15	17	318
Patents By Year of Application:	130	27	24	28	21	16	13	17	11	15	4	5	2	4	1	318
BERG TECHNOLOGY, INC.																
Patents By Year of Grant:	117	45	56	56	25	12	3	1	0	0	0	0	0	0	0	315
Patents By Year of Application:	230	46	26	9	1	2	1	0	0	0	0	0	0	0	0	315
FICHTEL + SACHS AG																
Patents By Year of Grant:	268	40	7	0	0	0	0	0	0	0	0	0	0	0	0	315
Patents By Year of Application:	314	1	0	0	0	0	0	0	0	0	0	0	0	0	0	315
PANDUIT CORPORATION																
Patents By Year of Grant:	29	5	0	9	18	14	13	7	17	26	23	34	32	45	43	315
Patents By Year of Application:	43	1	14	17	13	11	22	23	21	41	35	25	25	19	5	315

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SRI SPORTS LIMITED																
Patents By Year of Grant:	0	0	0	0	0	0	0	6	56	47	38	37	49	43	38	314
Patents By Year of Application:	1	0	2	3	16	32	40	53	33	38	42	28	20	6	0	314
SMC CORPORATION																
Patents By Year of Grant:	55	25	18	36	34	21	24	13	25	13	12	12	9	11	5	313
Patents By Year of Application:	99	13	46	29	22	26	21	19	18	4	14	2	0	0	0	313
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	308	3	1	0	1	0	0	0	0	0	0	0	0	0	0	313
Patents By Year of Application:	312	0	1	0	0	0	0	0	0	0	0	0	0	0	0	313
NIFCO INC.																
Patents By Year of Grant:	79	12	5	12	19	16	18	33	18	26	19	13	9	13	20	312
Patents By Year of Application:	94	8	9	24	25	44	16	49	9	13	16	2	3	0	0	312
ACUSON CORPORATION																
Patents By Year of Grant:	67	49	42	50	38	40	14	8	1	0	0	0	0	0	0	309
Patents By Year of Application:	156	65	45	22	19	2	0	0	0	0	0	0	0	0	0	309
FMC CORPORATION																
Patents By Year of Grant:	191	41	33	17	20	1	1	0	1	0	0	1	2	1	0	309
Patents By Year of Application:	254	23	26	1	0	0	1	0	1	1	2	0	0	0	0	309
SMC KABUSHIKI KAISHA																
Patents By Year of Grant:	55	21	20	27	33	34	16	17	14	13	11	11	14	8	15	309
Patents By Year of Application:	95	20	40	32	28	20	12	11	15	18	13	4	1	0	0	309
WESTINGHOUSE AIR BRAKE COMPANY																
Patents By Year of Grant:	161	50	50	36	7	2	2	1	0	0	0	0	0	0	0	309
Patents By Year of Application:	268	30	10	0	0	1	0	0	0	0	0	0	0	0	0	309
DAIWA SEIKO INC																
Patents By Year of Grant:	168	33	31	19	13	12	5	6	3	5	5	2	4	2	0	308
Patents By Year of Application:	237	25	11	8	6	4	0	5	3	3	4	2	0	0	0	308
GILLETTE COMPANY																
Patents By Year of Grant:	76	20	18	27	12	15	8	10	12	10	8	15	25	22	30	308
Patents By Year of Application:	128	16	19	12	8	12	20	17	19	16	16	16	5	2	2	308
KONAMI CO., LTD.																
Patents By Year of Grant:	28	17	30	29	40	52	29	35	21	7	11	3	5	0	0	307
Patents By Year of Application:	97	29	57	68	31	10	12	3	0	0	0	0	0	0	0	307

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
DAINIPPON SCREEN MFG. CO., LTD.																
Patents By Year of Grant:	61	21	18	6	10	8	30	24	30	11	28	19	11	18	10	305
Patents By Year of Application:	107	4	4	8	33	39	30	26	17	21	7	8	1	0	0	305
STRYKER CORPORATION																
Patents By Year of Grant:	53	15	14	14	9	14	17	10	11	10	13	17	28	38	41	304
Patents By Year of Application:	82	17	14	9	18	16	29	16	34	18	25	11	13	2	0	304
Siemens Energy, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	4	52	80	72	94	302
Patents By Year of Application:	0	0	0	0	0	2	8	28	80	71	52	54	4	3	0	302
EXEDY CORPORATION																
Patents By Year of Grant:	55	75	50	34	9	17	15	9	3	10	6	3	4	7	4	301
Patents By Year of Application:	164	41	15	13	17	15	9	8	9	4	5	1	0	0	0	301
HUSKY INJECTION MOLDING SYSTEMS LIMITED																
Patents By Year of Grant:	56	8	20	21	18	16	5	9	12	28	37	28	27	6	8	299
Patents By Year of Application:	85	20	23	15	12	13	27	17	26	45	6	5	5	0	0	299
SMITH & NEPHEW, INC.																
Patents By Year of Grant:	53	29	30	12	11	14	13	8	12	16	8	19	21	31	22	299
Patents By Year of Application:	112	16	17	19	28	20	25	12	13	17	6	7	6	1	0	299
HIROSE ELECTRIC CO., LTD.																
Patents By Year of Grant:	55	24	12	26	21	16	12	14	27	16	26	16	12	8	12	297
Patents By Year of Application:	91	21	20	13	21	9	17	18	26	20	14	12	12	2	1	297
MAKITA CORPORATION																
Patents By Year of Grant:	67	12	11	16	5	9	8	10	17	14	20	18	18	28	43	296
Patents By Year of Application:	87	17	13	9	12	8	17	27	15	17	33	29	7	4	1	296
RESMED LIMITED																
Patents By Year of Grant:	2	2	12	13	19	24	22	20	28	17	11	18	18	51	38	295
Patents By Year of Application:	31	14	26	19	26	32	35	28	31	23	10	13	5	2	0	295
DEPUY PRODUCTS, INC.																
Patents By Year of Grant:	0	0	0	0	0	4	6	15	21	28	19	27	51	58	65	294
Patents By Year of Application:	0	0	1	4	40	47	50	39	30	26	37	13	6	1	0	294
TECUMSEH PRODUCTS COMPANY																
Patents By Year of Grant:	84	13	16	23	23	20	26	24	22	20	6	5	4	4	4	294
Patents By Year of Application:	108	20	26	21	25	43	21	13	8	5	2	2	0	0	0	294

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
HAMILTON SUNDSTRAND CORPORATION																
Patents By Year of Grant:	0	0	9	17	8	13	15	14	19	18	20	22	25	37	73	290
Patents By Year of Application:	16	7	13	7	26	19	32	36	18	25	29	50	4	7	1	290
CALSONIC KANSEI CORPORATION																
Patents By Year of Grant:	0	0	3	25	40	24	28	30	33	27	31	16	7	9	16	289
Patents By Year of Application:	11	21	26	42	25	35	58	22	23	12	9	4	0	1	0	289
FERAG AG																
Patents By Year of Grant:	106	9	8	24	18	14	23	10	7	3	12	7	19	16	13	289
Patents By Year of Application:	128	16	23	17	20	21	8	9	13	12	8	7	6	1	0	289
HITACHI CONSTRUCTION MACHINERY CO., LTD.																
Patents By Year of Grant:	67	17	15	19	21	14	12	8	11	9	11	19	18	13	33	287
Patents By Year of Application:	105	15	16	18	25	17	21	17	12	15	15	10	1	0	0	287
JOHNSON CONTROLS TECHNOLOGY COMPANY																
Patents By Year of Grant:	2	4	12	24	38	32	26	11	12	12	14	6	30	31	33	287
Patents By Year of Application:	28	21	28	43	23	19	22	15	17	20	31	13	5	2	0	287
KABUSHIKI KAISHA TOPCON																
Patents By Year of Grant:	63	21	16	14	15	12	21	11	7	20	17	26	25	10	7	285
Patents By Year of Application:	95	20	15	21	20	25	7	9	15	32	16	9	1	0	0	285
MEDTRONIC VASCULAR, INC																
Patents By Year of Grant:	0	0	0	0	0	0	5	27	35	26	28	23	50	50	41	285
Patents By Year of Application:	2	1	5	9	22	71	31	23	34	26	32	12	16	1	0	285
SMS SCHLOEMANN-SIEMAG AG																
Patents By Year of Grant:	94	44	61	47	20	13	4	0	2	0	0	0	0	0	0	285
Patents By Year of Application:	186	56	26	14	3	0	0	0	0	0	0	0	0	0	0	285
SCHAEFFLER KG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	28	40	44	70	79	19	281
Patents By Year of Application:	0	0	0	0	0	4	28	74	76	54	32	13	0	0	0	281
TOSHIBA TEC KABUSHIKI KAISHA																
Patents By Year of Grant:	0	2	15	23	24	26	19	13	21	24	23	16	32	26	17	281
Patents By Year of Application:	21	31	14	26	12	31	28	22	31	29	12	7	15	2	0	281
TRUTZSCHLER GMBH & CO. KG																
Patents By Year of Grant:	85	13	13	21	15	16	14	9	8	7	12	14	29	21	3	280
Patents By Year of Application:	106	18	9	18	24	13	16	15	21	9	29	1	1	0	0	280

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
C.R.F. SOCIETA CONSORTILE PER AZIONI																
Patents By Year of Grant:	15	6	9	6	7	21	21	22	30	29	26	15	27	19	14	267
Patents By Year of Application:	29	5	8	19	25	26	31	44	25	18	23	12	2	0	0	267
EUROCOPTER FRANCE S.A.																
Patents By Year of Grant:	42	17	37	20	11	5	19	5	7	7	20	21	12	23	21	267
Patents By Year of Application:	98	20	5	8	20	9	13	16	27	15	16	15	5	0	0	267
HYDRO-GEAR LIMITED PARTNERSHIP																
Patents By Year of Grant:	18	6	9	15	12	12	30	29	39	23	25	12	5	14	18	267
Patents By Year of Application:	33	6	15	14	33	32	36	27	17	19	15	6	7	6	1	267
MURATA KIKAI KABUSHIKI KAISHA																
Patents By Year of Grant:	120	16	21	15	15	14	6	4	11	8	15	8	9	4	1	267
Patents By Year of Application:	159	11	16	15	12	8	11	12	12	11	0	0	0	0	0	267
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	41	7	7	13	12	29	20	13	24	13	13	20	13	15	27	267
Patents By Year of Application:	58	11	17	27	26	16	20	14	15	16	22	19	4	2	0	267
ADVANCED MICRO DEVICES, INC.																
Patents By Year of Grant:	38	17	35	54	50	35	14	5	6	2	3	2	0	2	2	265
Patents By Year of Application:	100	37	76	25	9	5	2	3	2	2	2	1	1	0	0	265
COLGATE-PALMOLIVE COMPANY																
Patents By Year of Grant:	45	19	10	13	15	7	4	10	15	15	21	14	22	28	27	265
Patents By Year of Application:	75	11	15	9	16	14	22	28	18	21	19	7	7	3	0	265
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
Patents By Year of Grant:	168	5	15	16	10	7	9	6	5	5	3	2	5	6	3	265
Patents By Year of Application:	188	11	12	11	12	7	5	2	1	8	3	5	0	0	0	265
INFINEON TECHNOLOGIES AG																
Patents By Year of Grant:	0	0	3	10	24	28	34	39	25	17	17	14	19	14	20	264
Patents By Year of Application:	4	9	29	33	41	36	25	14	13	30	12	8	5	5	0	264
INTERNATIONAL PAPER CO.																
Patents By Year of Grant:	88	11	8	16	14	12	9	11	11	7	13	28	18	9	9	264
Patents By Year of Application:	105	13	14	19	10	19	12	10	25	19	8	6	4	0	0	264
INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY L.L.C.																
Patents By Year of Grant:	0	0	0	0	17	35	36	22	16	25	11	26	36	15	24	263
Patents By Year of Application:	0	1	15	26	48	17	24	22	36	31	14	24	3	1	1	263

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC																
Patents By Year of Grant:	0	0	0	7	46	52	36	29	30	10	13	9	15	6	9	262
Patents By Year of Application:	1	9	42	42	69	41	18	6	5	10	12	6	1	0	0	262
NESTEC, S.A.																
Patents By Year of Grant:	82	8	8	15	11	7	15	11	9	9	8	12	26	15	26	262
Patents By Year of Application:	101	5	14	14	21	18	19	17	10	30	2	6	5	0	0	262
KELSEY-HAYES CO.																
Patents By Year of Grant:	80	18	21	26	29	17	14	8	14	10	5	4	7	5	2	260
Patents By Year of Application:	118	31	29	14	15	11	14	13	8	3	1	2	1	0	0	260
EDWARDS LIFESCIENCES CORP.																
Patents By Year of Grant:	0	0	5	19	26	22	34	13	16	8	15	14	26	34	27	259
Patents By Year of Application:	24	22	26	38	21	24	18	24	18	11	12	10	8	3	0	259
JAPAN SOLDERLESS TERMINAL MFG. CO., LTD.																
Patents By Year of Grant:	4	1	5	13	20	33	27	28	50	24	21	15	6	8	4	259
Patents By Year of Application:	11	8	15	32	40	22	56	24	14	16	10	5	4	2	0	259
Toyota Motor Engineering & Manufacturing North America, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	3	2	24	46	60	45	78	259
Patents By Year of Application:	0	0	0	0	1	5	0	8	41	60	55	70	16	2	1	259
CORNING INCORPORATED																
Patents By Year of Grant:	51	21	13	22	16	22	13	8	12	10	7	9	15	18	21	258
Patents By Year of Application:	85	28	15	19	13	15	13	3	18	19	12	8	7	1	2	258
Daimler AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	68	57	39	52	41	258
Patents By Year of Application:	0	0	0	0	0	22	48	36	35	63	31	12	11	0	0	258
MINEBEA KABUSHIKI-KAISHA (MINEBEA CO., LTD)																
Patents By Year of Grant:	18	4	11	13	21	26	23	32	36	22	14	8	12	6	12	258
Patents By Year of Application:	35	15	19	24	30	55	26	25	10	4	9	5	1	0	0	258
KAO KABUSHIKI KAISHA (KAO CORPORATION)																
Patents By Year of Grant:	72	13	11	17	9	19	15	11	20	10	8	11	14	16	11	257
Patents By Year of Application:	105	12	18	31	14	22	21	13	10	6	3	1	1	0	0	257
KONICA CORPORATION																
Patents By Year of Grant:	102	11	16	11	14	24	33	23	13	6	2	1	1	0	0	257
Patents By Year of Application:	132	12	20	18	27	40	3	3	2	0	0	0	0	0	0	257

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
MICROSOFT CORPORATION																
Patents By Year of Grant:	9	4	2	3	4	6	10	14	12	24	15	20	46	33	45	247
Patents By Year of Application:	18	2	4	9	13	29	37	52	21	25	17	10	5	5	0	247
BABCOCK & WILCOX COMPANY																
Patents By Year of Grant:	189	9	10	11	9	4	5	3	2	3	0	0	0	0	0	245
Patents By Year of Application:	210	9	7	5	8	2	3	1	0	0	0	0	0	0	0	245
COCA-COLA COMPANY																
Patents By Year of Grant:	87	18	17	26	17	14	11	1	5	2	4	4	11	12	16	245
Patents By Year of Application:	126	18	12	23	13	6	3	6	9	12	6	5	4	1	1	245
LINDE AKTIENGESELLSCHAFT																
Patents By Year of Grant:	65	12	15	21	19	23	9	10	19	13	2	6	5	10	16	245
Patents By Year of Application:	90	22	18	21	21	14	18	8	10	6	7	3	6	1	0	245
GRAPHIC PACKAGING INTERNATIONAL, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	11	19	18	18	18	25	63	38	34	244
Patents By Year of Application:	0	1	1	8	14	24	16	41	38	34	20	27	16	3	1	244
YAMAHA MARINE KABUSHIKI KAISHA																
Patents By Year of Grant:	0	0	0	0	0	29	44	40	28	44	47	12	0	0	0	244
Patents By Year of Application:	0	1	11	25	59	24	26	58	29	11	0	0	0	0	0	244
AMERICAN AXLE & MANUFACTURING, INC.																
Patents By Year of Grant:	7	7	8	6	10	11	12	12	21	24	23	18	21	39	23	242
Patents By Year of Application:	23	4	14	8	6	22	25	20	22	28	25	22	13	8	2	242
GAS RESEARCH INSTITUTE																
Patents By Year of Grant:	175	31	16	8	3	4	3	2	0	0	0	0	0	0	0	242
Patents By Year of Application:	216	14	3	6	2	1	0	0	0	0	0	0	0	0	0	242
VALEO S.A.																
Patents By Year of Grant:	122	16	21	34	21	10	14	3	0	1	0	0	0	0	0	242
Patents By Year of Application:	161	20	30	16	14	1	0	0	0	0	0	0	0	0	0	242
COMMISSARIAT A L'ENERGIE ATOMIQUE																
Patents By Year of Grant:	70	11	12	13	9	10	9	6	10	10	13	16	14	13	25	241
Patents By Year of Application:	96	10	11	13	16	13	16	12	24	13	12	4	1	0	0	241
SAMSUNG ELECTRO-MECHANICS CO., LTD.																
Patents By Year of Grant:	11	5	4	7	11	7	6	7	10	15	12	15	45	45	40	240
Patents By Year of Application:	21	15	3	8	4	11	10	19	25	39	32	36	12	4	1	240

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
VOLVO LASTVAGNAR AB																
Patents By Year of Grant:	1	2	3	24	13	9	18	16	20	30	28	16	16	20	24	240
Patents By Year of Application:	3	23	18	12	19	29	28	51	44	8	4	1	0	0	0	240
NIPPON THOMPSON CO., LTD.																
Patents By Year of Grant:	129	8	13	9	2	8	10	4	6	7	7	5	14	9	7	238
Patents By Year of Application:	148	10	4	8	9	7	8	12	9	10	9	3	1	0	0	238
Cook Medical Technologies LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	90	147	237
Patents By Year of Application:	0	0	0	0	0	2	13	15	39	47	57	36	20	8	0	237
KOHLER CO.																
Patents By Year of Grant:	73	12	6	13	10	15	14	9	9	4	8	11	19	14	20	237
Patents By Year of Application:	89	6	17	8	26	9	12	6	15	16	22	10	0	1	0	237
OLYMPUS MEDICAL SYSTEMS CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	2	36	62	136	237
Patents By Year of Application:	0	0	0	0	0	0	0	5	56	62	63	25	23	3	0	237
DONNELLY CORPORATION																
Patents By Year of Grant:	45	12	17	23	16	17	13	14	9	12	13	12	11	10	12	236
Patents By Year of Application:	71	17	19	22	17	14	14	12	4	12	7	6	11	10	0	236
HOYA CORPORATION																
Patents By Year of Grant:	15	4	5	7	6	9	7	17	11	9	20	32	33	35	26	236
Patents By Year of Application:	24	10	5	10	7	23	18	37	41	26	21	10	4	0	0	236
SNECMA MOTEURS																
Patents By Year of Grant:	0	0	0	4	13	30	37	27	74	38	13	0	0	0	0	236
Patents By Year of Application:	0	0	14	38	48	28	86	21	1	0	0	0	0	0	0	236
TORO COMPANY																
Patents By Year of Grant:	60	11	19	6	20	9	8	10	15	8	15	17	13	10	15	236
Patents By Year of Application:	90	9	12	14	17	11	13	19	12	12	10	8	5	4	0	236
FEDERAL-MOGUL WORLD WIDE, INC.																
Patents By Year of Grant:	0	4	8	15	22	23	14	19	22	18	23	18	17	20	12	235
Patents By Year of Application:	13	16	15	27	20	18	24	30	19	31	7	6	6	3	0	235
FUNAI ELECTRIC CO., LTD.																
Patents By Year of Grant:	15	3	5	6	11	11	6	11	20	21	29	28	34	19	15	234
Patents By Year of Application:	20	10	10	11	6	12	28	36	33	36	20	8	4	0	0	234

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
KARL STORZ GMBH & CO. KG																
Patents By Year of Grant:	0	0	14	21	29	27	20	15	13	7	3	13	22	20	29	233
Patents By Year of Application:	15	29	37	25	22	21	11	20	17	16	10	7	3	0	0	233
KOMORI CORPORATION																
Patents By Year of Grant:	62	10	4	10	21	27	13	12	16	9	7	12	8	7	15	233
Patents By Year of Application:	78	9	16	37	7	12	22	14	10	3	17	6	2	0	0	233
AIRBUS FRANCE																
Patents By Year of Grant:	0	0	0	0	1	15	21	16	22	24	27	21	36	37	12	232
Patents By Year of Application:	0	0	0	9	27	25	36	59	35	26	12	3	0	0	0	232
WALKER DIGITAL, LLC																
Patents By Year of Grant:	0	0	15	35	15	22	15	16	15	15	20	20	20	14	10	232
Patents By Year of Application:	45	8	33	27	16	16	18	13	41	7	3	4	1	0	0	232
NCR CORPORATION																
Patents By Year of Grant:	82	24	22	14	17	21	5	6	6	5	5	3	2	5	14	231
Patents By Year of Application:	136	16	15	18	8	5	6	4	4	5	2	6	6	0	0	231
TEXTRON INC.																
Patents By Year of Grant:	82	11	18	12	8	16	14	10	18	15	14	7	4	0	1	230
Patents By Year of Application:	110	8	17	12	17	16	15	10	14	8	2	0	0	1	0	230
ADVICS CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	1	6	31	36	30	33	25	21	26	20	229
Patents By Year of Application:	0	0	0	0	3	35	65	34	34	28	15	12	3	0	0	229
SPX CORPORATION																
Patents By Year of Grant:	31	1	13	11	10	18	19	24	29	17	11	10	14	13	8	229
Patents By Year of Application:	36	16	17	15	35	35	21	17	11	13	7	2	3	1	0	229
BEHR GMBH & CO.																
Patents By Year of Grant:	66	22	16	23	25	18	15	19	10	6	5	1	1	0	1	228
Patents By Year of Application:	118	13	15	30	32	9	5	5	1	0	0	0	0	0	0	228
FISHER CONTROLS INTERNATIONAL, INC.																
Patents By Year of Grant:	42	15	11	6	6	7	17	17	17	9	11	9	14	18	29	228
Patents By Year of Application:	64	8	5	12	15	25	18	12	19	14	20	11	5	0	0	228
SANDVIK INTELLECTUAL PROPERTY AB																
Patents By Year of Grant:	0	0	0	0	0	0	0	4	29	30	28	38	37	36	26	228
Patents By Year of Application:	0	1	1	6	6	23	34	37	39	31	28	18	4	0	0	228

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
KABUSHIKI KAISHA SHINKAWA																
Patents By Year of Grant:	101	17	20	16	10	12	9	7	7	3	4	4	9	2	1	222
Patents By Year of Application:	135	15	17	10	10	8	8	4	5	5	2	1	1	1	0	222
NEW VENTURE GEAR, INC.																
Patents By Year of Grant:	80	17	22	6	30	39	27	1	0	0	0	0	0	0	0	222
Patents By Year of Application:	109	11	20	34	25	22	1	0	0	0	0	0	0	0	0	222
INA WALZLAGER SCHAEFFLER OHG																
Patents By Year of Grant:	10	27	42	56	50	24	5	5	2	0	0	0	0	0	0	221
Patents By Year of Application:	62	54	52	41	9	2	1	0	0	0	0	0	0	0	0	221
SOUTHWEST RESEARCH INSTITUTE																
Patents By Year of Grant:	50	14	10	12	13	13	21	7	15	15	9	11	15	4	11	220
Patents By Year of Application:	76	14	9	17	14	21	9	14	15	16	8	5	1	1	0	220
MITSUBISHI MATERIALS CORPORATION																
Patents By Year of Grant:	81	9	7	16	12	11	7	12	9	8	6	4	7	17	13	219
Patents By Year of Application:	96	19	14	10	16	13	5	9	6	9	11	8	1	2	0	219
FAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.																
Patents By Year of Grant:	35	9	16	20	17	15	11	10	11	4	11	12	11	20	16	218
Patents By Year of Application:	63	21	18	20	14	15	11	19	15	11	7	2	1	1	0	218
MANNESMANN VDO AG																
Patents By Year of Grant:	0	3	34	60	71	37	7	3	2	0	0	1	0	0	0	218
Patents By Year of Application:	38	70	67	39	1	2	1	0	0	0	0	0	0	0	0	218
NIPPON STEEL CORP.																
Patents By Year of Grant:	66	15	12	10	9	7	9	13	6	12	3	6	10	17	23	218
Patents By Year of Application:	99	9	8	8	15	10	14	15	7	13	7	3	5	5	0	218
BORG-WARNER AUTOMOTIVE, INC.																
Patents By Year of Grant:	165	38	11	0	1	2	0	0	0	0	0	0	0	0	0	217
Patents By Year of Application:	212	3	0	2	0	0	0	0	0	0	0	0	0	0	0	217
AISAN KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	29	8	12	3	17	10	18	23	19	14	10	4	23	11	15	216
Patents By Year of Application:	44	10	13	11	15	30	21	8	13	18	20	7	5	0	1	216
KIORITZ CORPORATION																
Patents By Year of Grant:	65	34	29	14	13	19	15	9	7	4	3	3	0	0	0	215
Patents By Year of Application:	127	15	10	21	16	10	7	3	5	1	0	0	0	0	0	215

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
PHILIP MORRIS USA INC.																
Patents By Year of Grant:	0	0	0	0	0	0	6	12	19	18	18	22	41	46	33	215
Patents By Year of Application:	0	0	2	3	17	37	28	25	29	27	27	7	8	5	0	215
ATLANTIC RICHFIELD COMPANY																
Patents By Year of Grant:	165	17	19	12	1	0	0	0	0	0	0	0	0	0	0	214
Patents By Year of Application:	202	9	3	0	0	0	0	0	0	0	0	0	0	0	0	214
TOYO TIRE & RUBBER CO., LTD.																
Patents By Year of Grant:	19	12	11	7	20	32	11	4	4	12	14	10	10	16	32	214
Patents By Year of Application:	45	6	14	30	20	4	15	14	16	17	23	7	2	1	0	214
ASMO CO., LTD.																
Patents By Year of Grant:	34	14	16	9	19	21	10	7	12	11	9	8	18	12	13	213
Patents By Year of Application:	68	10	9	26	19	8	21	8	11	15	10	5	2	1	0	213
ESSILOR INTERNATIONAL COMPAGNIE GENERALE D'OPTIQUE																
Patents By Year of Grant:	32	5	5	8	3	7	6	5	6	11	18	22	20	28	37	213
Patents By Year of Application:	41	11	4	5	8	11	18	24	40	28	16	6	1	0	0	213
SIEMENS MEDICAL SOLUTIONS USA, INC.																
Patents By Year of Grant:	0	0	0	1	9	10	18	12	15	14	10	27	43	31	23	213
Patents By Year of Application:	1	3	14	13	20	39	28	27	17	22	23	4	1	1	0	213
JAPAN TOBACCO INC.																
Patents By Year of Grant:	82	5	19	11	9	8	11	9	3	5	5	7	12	15	11	212
Patents By Year of Application:	115	7	7	8	4	18	8	13	6	13	7	2	3	1	0	212
JOHN MEZZALINGUA ASSOCIATES, INC.																
Patents By Year of Grant:	9	0	0	0	1	2	6	6	21	24	23	15	23	41	41	212
Patents By Year of Application:	9	0	3	0	3	7	15	27	28	24	10	36	29	18	3	212
SMS DEMAG AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	8	19	31	20	17	29	30	26	21	4	2	5	212
Patents By Year of Application:	0	1	27	43	48	38	28	10	9	8	0	0	0	0	0	212
DEPUY SPINE, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	5	5	8	15	7	14	44	55	58	211
Patents By Year of Application:	0	0	0	4	17	18	41	50	30	27	8	8	8	0	0	211
SHIMA SEIKI MFG. LTD.																
Patents By Year of Grant:	68	12	18	4	4	21	14	16	17	17	9	4	4	1	2	211
Patents By Year of Application:	89	10	1	7	26	32	31	10	3	0	2	0	0	0	0	211

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ENDRESS + HAUSER FLOWTEC AG																
Patents By Year of Grant:	24	7	3	3	6	7	6	12	21	15	25	23	14	22	22	210
Patents By Year of Application:	36	4	5	5	14	19	16	24	30	22	10	18	7	0	0	210
GIAT INDUSTRIES																
Patents By Year of Grant:	116	3	6	12	12	12	8	7	13	10	5	5	1	0	0	210
Patents By Year of Application:	130	6	16	9	11	14	13	9	2	0	0	0	0	0	0	210
PHILIP MORRIS INCORPORATED																
Patents By Year of Grant:	127	15	13	15	8	10	15	6	0	0	0	0	0	0	0	209
Patents By Year of Application:	160	10	11	12	13	3	0	0	0	0	0	0	0	0	0	209
SIEMENS VDO AUTOMOTIVE CORPORATION																
Patents By Year of Grant:	0	0	0	0	7	25	34	55	30	47	9	0	1	0	0	208
Patents By Year of Application:	0	5	17	26	39	45	52	16	7	1	0	0	0	0	0	208
DELL PRODUCTS, L.P.																
Patents By Year of Grant:	42	4	13	14	12	9	13	12	13	14	12	14	13	16	6	207
Patents By Year of Application:	58	16	15	10	12	15	14	17	15	5	17	9	3	0	1	207
FRAMATOME CONNECTORS INTERNATIONAL S.A.																
Patents By Year of Grant:	77	25	31	27	31	13	3	0	0	0	0	0	0	0	0	207
Patents By Year of Application:	128	32	29	18	0	0	0	0	0	0	0	0	0	0	0	207
SUMITOMO METAL INDUSTRIES CO., LTD.																
Patents By Year of Grant:	36	7	21	11	8	3	7	5	9	10	12	6	18	28	26	207
Patents By Year of Application:	59	10	12	6	8	6	3	16	19	11	21	19	11	6	0	207
TAYLOR MADE GOLF COMPANY, INC.																
Patents By Year of Grant:	38	7	8	4	4	9	7	7	13	13	11	15	21	23	27	207
Patents By Year of Application:	55	4	4	11	11	10	9	11	20	23	14	12	9	12	2	207
VERMEER MANUFACTURING COMPANY, INC.																
Patents By Year of Grant:	36	4	7	8	20	10	16	15	12	9	11	17	16	11	15	207
Patents By Year of Application:	45	11	16	13	19	11	14	16	15	17	16	4	8	1	1	207
AUDI AG																
Patents By Year of Grant:	70	4	2	9	3	7	9	5	6	6	8	5	21	16	35	206
Patents By Year of Application:	81	4	6	6	15	12	11	9	11	11	21	15	3	1	0	206
MODINE MANUFACTURING COMPANY																
Patents By Year of Grant:	42	10	7	9	11	15	19	23	19	11	9	7	7	8	9	206
Patents By Year of Application:	62	7	10	20	27	22	22	9	12	9	6	0	0	0	0	206

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
REHRIG-PACIFIC COMPANY, INC.																
Patents By Year of Grant:	29	10	7	10	8	10	3	14	26	14	8	10	19	19	19	206
Patents By Year of Application:	44	12	18	18	17	19	15	18	11	7	10	8	7	2	0	206
SEB S.A.																
Patents By Year of Grant:	49	9	9	13	10	9	19	4	15	1	18	11	7	15	17	206
Patents By Year of Application:	60	12	14	10	24	22	14	12	13	10	13	1	0	1	0	206
SUMITOMO HEAVY INDUSTRIES, LTD.																
Patents By Year of Grant:	72	10	9	11	10	7	12	7	11	8	7	11	8	15	8	206
Patents By Year of Application:	89	11	13	9	17	11	17	7	11	7	5	5	4	0	0	206
THE BOC GROUP PLC																
Patents By Year of Grant:	99	21	21	14	12	9	6	8	7	5	2	1	0	1	0	206
Patents By Year of Application:	138	16	17	6	10	13	5	0	1	0	0	0	0	0	0	206
TOYODA KOKI KABUSHIKI KAISHA																
Patents By Year of Grant:	62	8	11	7	8	16	12	33	39	5	4	1	0	0	0	206
Patents By Year of Application:	82	9	8	14	14	37	33	9	0	0	0	0	0	0	0	206
AGFA-GEVAERT N.V.																
Patents By Year of Grant:	60	23	28	17	17	15	20	9	11	3	2	0	0	0	0	205
Patents By Year of Application:	110	20	15	19	16	18	7	0	0	0	0	0	0	0	0	205
LORD CORPORATION																
Patents By Year of Grant:	48	17	22	23	18	9	11	5	6	6	5	4	6	12	13	205
Patents By Year of Application:	96	18	15	14	13	8	2	8	10	7	5	5	3	1	0	205
COSCO MANAGEMENT, INC.																
Patents By Year of Grant:	0	0	5	7	14	21	14	18	22	13	16	15	19	22	18	204
Patents By Year of Application:	7	3	14	24	14	35	22	10	6	20	19	22	8	0	0	204
Apple, Inc.																
Patents By Year of Grant:	34	4	1	3	4	6	3	3	2	8	7	15	25	37	51	203
Patents By Year of Application:	40	5	4	5	2	4	5	13	9	19	29	24	27	17	0	203
BJ SERVICES CO																
Patents By Year of Grant:	20	7	7	7	8	7	19	5	20	28	19	22	28	6	0	203
Patents By Year of Application:	39	0	13	7	17	25	22	20	24	24	9	2	1	0	0	203
HAWORTH, INC.																
Patents By Year of Grant:	38	24	21	23	16	12	5	8	5	5	9	8	11	7	11	203
Patents By Year of Application:	84	21	19	11	8	12	0	8	12	7	8	4	8	1	0	203

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
HUNTER DOUGLAS, INC.																
Patents By Year of Grant:	38	5	11	13	13	10	13	12	17	14	10	18	10	8	11	203
Patents By Year of Application:	55	6	19	13	16	16	14	7	29	11	6	9	2	0	0	203
SHERWOOD SERVICES AG																
Patents By Year of Grant:	0	5	18	30	27	23	8	11	32	37	10	2	0	0	0	203
Patents By Year of Application:	46	19	23	23	23	28	21	11	8	1	0	0	0	0	0	203
STEELCASE INC.																
Patents By Year of Grant:	119	29	6	5	0	0	0	0	0	0	9	7	13	8	7	203
Patents By Year of Application:	154	5	0	0	0	1	5	7	7	10	9	4	1	0	0	203
R. J. REYNOLDS TOBACCO COMPANY																
Patents By Year of Grant:	93	1	6	2	4	2	1	4	9	16	10	8	19	16	11	202
Patents By Year of Application:	102	2	4	1	10	22	11	9	10	11	7	6	6	1	0	202
SIKORSKY AIRCRAFT CORPORATION																
Patents By Year of Grant:	36	16	20	11	8	12	9	12	7	13	6	11	18	16	7	202
Patents By Year of Application:	76	7	2	14	13	20	13	13	22	8	8	4	2	0	0	202
ARTHROCARE CORPORATION																
Patents By Year of Grant:	9	6	17	22	13	14	12	13	11	15	16	11	18	11	13	201
Patents By Year of Application:	49	20	24	16	18	19	9	13	8	11	5	5	2	1	1	201
ASEA BROWN BOVERI AKTIENGESELLSCHAFT																
Patents By Year of Grant:	78	33	36	50	4	0	0	0	0	0	0	0	0	0	0	201
Patents By Year of Application:	154	45	2	0	0	0	0	0	0	0	0	0	0	0	0	201
NISCA CORPORATION																
Patents By Year of Grant:	28	8	13	5	8	23	14	14	11	9	17	12	11	14	14	201
Patents By Year of Application:	56	4	5	16	22	16	17	17	10	13	11	6	6	2	0	201
SONOCO DEVELOPMENT, INC.																
Patents By Year of Grant:	0	8	24	20	22	17	14	10	19	15	8	9	12	13	10	201
Patents By Year of Application:	24	22	29	18	18	22	17	6	16	6	9	4	7	3	0	201
AT&T CORP.																
Patents By Year of Grant:	159	4	6	9	5	3	6	5	0	1	1	1	0	0	0	200
Patents By Year of Application:	168	11	2	4	6	5	3	0	1	0	0	0	0	0	0	200
BOC GROUP, INC.																
Patents By Year of Grant:	102	17	13	13	9	4	10	10	9	8	2	2	1	0	0	200
Patents By Year of Application:	129	15	10	11	9	9	8	7	1	1	0	0	0	0	0	200

MECHANICAL CLASSES

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---- Organizational Patenting (Granted: Jan 01, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SIEMENS WESTINGHOUSE POWER CORPORATION																
Patents By Year of Grant:	0	27	22	18	16	20	36	45	16	0	0	0	0	0	0	200
Patents By Year of Application:	51	11	24	21	44	41	8	0	0	0	0	0	0	0	0	200
Other Organizations (107215)																
Patents By Year of Grant:	119174	25094	26215	27252	25960	26254	23772	21210	23533	20237	19547	19617	27305	28288	32649	466107
Patents By Year of Application:	171743	27231	28559	29498	31199	30706	27731	25948	24613	23251	19303	14216	8544	3247	318	466107