

TECHNOLOGY ASSESSMENT AND FORECAST REPORT

CHEMICAL CLASSES

1/1992 – 12/2011



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

Technology Profile Report - CHEMICAL Classes

Explanation of Data

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

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

Data Distribution By Date of Grant and By Date of Application

Parts A1 and A2

Part A1 distributes utility patent GRANT data by year of patent grant ("Patents Granted By Date of Patent Grant"). Part A2 distributes patent GRANT data by the year in which the patented application was filed ("Patents Granted By Date of Patent Application"). Parts A1 and A2 each provide patent counts (pages A1-1 and A2-1) and percent distributions (pages A1-2 and A2-2).

Patent data, as shown in the "**Pre 1998**" column, correspond to selected patents in the database which were granted during the period **1992 to 1997**.

Part B

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

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

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

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

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

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

Parts of the Report

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

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

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

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

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

CHEMICAL, ELECTRICAL, MECHANICAL CLASSES

DECEMBER 2011

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

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

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

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

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

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

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

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

*8/147-159 are mechanical

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

*84/600-746 are electrical

*118/47, 715-733 are chemical

*131/274-279 are chemical

*134/1-42 are chemical

*156/349-584 are mechanical

*204/157.2-157.22 are electrical

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

*210/348-540 are mechanical

*244/3.1-3.14 are electrical

*346/139R-145 are mechanical

*347/1-109 are mechanical

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

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

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

*378/167-209 are mechanical

*385/53-99 are mechanical

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

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

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

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

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

*604/20-21 are electrical

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

*726/35 is mechanical

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

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

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

*984/300-398 are electrical

Part A1

Patent Grants as Distributed By Year of Patent Grant

	----	Patents	Granted	By	Date	Of	Patent	Grant	(Granted: Jan 01, 1992 - Dec 31, 2011)									----
	NUMBER OF PATENTS																	
	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total		
Total	181569	40180	43071	42226	45617	44940	42556	38124	30285	33848	31984	30784	33129	45725	46139	730177		
U.S. Origin	95723	21352	22940	22142	23380	22896	21691	18947	15514	17220	16220	15089	16166	21836	21641	372757		
Foreign Origin	85846	18828	20131	20084	22237	22044	20865	19177	14771	16628	15764	15695	16963	23889	24498	357420		
JAPAN	38196	7450	7796	7684	8261	8436	8152	7772	5801	6345	5979	5868	6343	8865	9217	142165		
GERMANY	14994	3123	3066	3103	3435	3386	3311	2976	2214	2433	2190	2058	2076	3094	2964	54423		
FRANCE	5994	1365	1432	1360	1483	1426	1352	984	838	939	974	914	902	1303	1370	22636		
UNITED KINGDOM	5381	1298	1372	1254	1349	1248	1156	981	796	883	901	795	768	1159	1099	20440		
KOREA, SOUTH	1519	627	742	785	938	1051	1035	1093	943	1184	1224	1424	1783	2423	2449	19220		
TAIWAN	1480	636	910	1261	1549	1146	972	1015	756	846	731	803	841	1089	1154	15189		
CANADA	3349	789	902	891	936	927	819	736	556	691	628	650	716	908	943	14441		
ITALY	2583	485	500	491	526	524	452	399	309	346	314	338	357	533	506	8663		
SWITZERLAND	2553	452	506	445	499	469	406	386	295	334	295	287	321	507	519	8274		
NETHERLANDS	1593	387	428	413	437	443	442	390	293	275	315	302	328	442	489	6977		
BELGIUM	1441	382	387	401	414	442	350	315	234	290	260	230	279	386	406	6217		
SWEDEN	1100	297	353	324	405	396	340	280	218	245	239	261	229	335	352	5374		
AUSTRALIA	702	204	228	181	274	239	190	202	176	215	168	186	206	275	325	3771		
ISRAEL	634	164	193	185	196	240	249	171	145	197	174	203	246	288	291	3576		
DENMARK	639	211	259	232	232	199	221	141	138	150	141	138	141	245	257	3344		
FINLAND	710	152	168	144	193	206	185	193	136	131	107	119	125	167	137	2873		
INDIA	141	67	90	102	132	188	230	210	198	231	195	201	199	263	261	2708		
AUSTRIA	586	139	153	119	173	164	129	128	88	107	100	94	106	167	164	2417		
CHINA, PEOPLE'S REPUB	139	41	37	48	59	80	77	97	72	108	139	130	211	354	409	2001		
SINGAPORE	92	41	50	89	126	171	157	119	96	104	97	91	105	168	202	1708		
SPAIN	289	90	75	68	73	94	88	69	70	81	80	93	102	131	140	1543		
RUSSIAN FEDERATION	158	86	76	74	84	82	64	55	55	45	62	48	60	95	77	1121		
NORWAY	207	51	55	67	61	59	66	73	52	48	55	61	62	81	94	1092		
CHINA, HONG KONG S.A.	39	12	12	25	30	26	34	35	43	61	66	63	67	74	68	655		
SOUTH AFRICA	164	32	35	34	46	45	32	26	24	29	30	21	29	37	42	626		
HUNGARY	226	27	15	20	33	31	29	25	20	19	21	35	17	38	29	585		
BRAZIL	74	19	23	28	20	26	35	31	22	38	28	26	39	70	73	552		
NEW ZEALAND	75	22	34	34	26	37	35	38	16	35	31	28	38	47	55	551		
IRELAND	81	9	22	24	24	23	32	35	29	16	15	36	28	43	51	468		
MEXICO	105	20	29	26	21	22	24	17	12	13	15	15	24	34	33	410		
MALAYSIA	5	4	5	8	17	14	16	22	19	22	27	22	30	34	39	284		
VENEZUELA	77	20	26	16	13	12	4	10	3	6	7	7	7	11	11	230		
ARGENTINA	36	11	7	12	10	13	16	13	4	15	9	10	14	11	16	197		
CZECH REPUBLIC	3	4	11	12	10	10	12	14	4	11	13	10	18	22	31	185		
LUXEMBOURG	29	7	6	13	4	13	11	15	10	13	20	6	8	7	9	171		
POLAND	28	7	10	7	7	6	4	6	5	7	9	13	9	13	22	153		
Others (95)	424	97	118	104	141	150	138	105	81	115	105	109	129	170	194	2180		
Ownership:																		
U.S. Corporations	89838	20156	21604	21012	22083	21952	20665	18110	14838	16491	15612	14621	15559	20821	20736	354098		
U.S. Government	2283	423	432	341	370	298	308	330	244	285	259	253	275	373	374	6848		
U.S. Individuals	8583	1912	2070	1838	1999	1640	1601	1267	950	955	905	774	807	1160	1177	27638		
Foreign Corporations	76024	16671	17913	18125	20103	20058	19043	17653	13748	15517	14670	14670	15938	22576	23054	325763		
Foreign Government	781	130	87	59	54	56	42	38	25	20	31	12	53	94	94	1576		
Foreign Individuals	4060	888	965	851	1008	936	897	726	480	580	507	454	497	701	704	14254		

	----- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1992 - Dec 31, 2011) -----															
	----- PERCENT OF PATENTS -----															
	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	53	53	53	52	51	51	51	50	51	51	51	49	49	48	47	51
Foreign Origin	47	47	47	48	49	49	49	50	49	49	49	51	51	52	53	49
JAPAN	21	19	18	18	18	19	19	20	19	19	19	19	19	19	20	19
GERMANY	8	8	7	7	8	8	8	8	7	7	7	7	6	7	6	7
FRANCE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
UNITED KINGDOM	3	3	3	3	3	3	3	3	3	3	3	3	2	3	2	3
KOREA, SOUTH	1	2	2	2	2	2	2	3	3	3	4	5	5	5	5	3
TAIWAN	1	2	2	3	3	3	2	3	2	2	2	3	3	2	3	2
CANADA	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ITALY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SWITZERLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NETHERLANDS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BELGIUM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SWEDEN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
AUSTRALIA		1	1		1	1		1	1	1	1	1	1	1	1	1
ISRAEL						1	1			1	1	1	1	1	1	0
DENMARK		1	1	1	1		1							1	1	0
FINLAND								1								0
INDIA							1	1	1	1	1	1	1	1	1	0
AUSTRIA																0
CHINA, PEOPLE'S REPUB													1	1	1	0
SINGAPORE																0
SPAIN																0
RUSSIAN FEDERATION																0
NORWAY																0
CHINA, HONG KONG S.A.																0
SOUTH AFRICA																0
HUNGARY																0
BRAZIL																0
NEW ZEALAND																0
IRELAND																0
MEXICO																0
MALAYSIA																0
VENEZUELA																0
ARGENTINA																0
CZECH REPUBLIC																0
LUXEMBOURG																0
POLAND																0
Others (95)																0
Ownership:																
U.S. Corporations	49	50	50	50	48	49	49	48	49	49	49	47	47	46	45	48
U.S. Government	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
U.S. Individuals	5	5	5	4	4	4	4	3	3	3	3	3	2	3	3	4
Foreign Corporations	42	41	42	43	44	45	45	46	45	46	46	48	48	49	50	45
Foreign Government																0
Foreign Individuals	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2

Part A2

Patent Grants as Distributed By Year of Patent Application

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

	NUMBER OF PATENTED APPLICATIONS															
	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
Total	280871	42981	46500	49097	51626	51242	43991	38237	34353	31740	26416	17965	10159	4596	403	730177
U.S. Origin	149530	22350	23958	24760	24843	24279	21401	18557	16583	15470	13494	9313	5424	2564	231	372757
Foreign Origin	131341	20631	22542	24337	26783	26963	22590	19680	17770	16270	12922	8652	4735	2032	172	357420
JAPAN	55792	7789	8135	9272	10340	10112	8745	7782	7100	6132	4910	3375	1799	821	61	142165
GERMANY	22228	3158	3625	3827	4293	4333	3342	2577	2197	1915	1423	863	431	190	21	54423
FRANCE	9369	1406	1518	1709	1633	1602	1277	1063	949	770	626	392	233	84	5	22636
UNITED KINGDOM	8630	1258	1420	1472	1622	1601	1182	893	692	611	508	302	159	85	5	20440
KOREA, SOUTH	2962	799	930	1051	1185	1506	1554	1637	1869	2050	1643	1131	655	234	14	19220
TAIWAN	2887	1345	1521	999	1105	1257	1091	1022	887	932	858	676	427	159	23	15189
CANADA	5452	894	990	1053	1005	992	790	761	673	627	557	379	185	80	3	14441
ITALY	3732	484	551	548	613	640	527	432	369	328	218	127	65	23	6	8663
SWITZERLAND	3644	487	483	517	591	569	452	380	327	313	242	157	76	35	1	8274
NETHERLANDS	2611	404	469	508	588	536	483	390	296	247	229	123	70	20	3	6977
BELGIUM	2385	409	438	458	463	441	367	321	294	263	188	102	58	27	3	6217
SWEDEN	1950	359	377	437	479	434	331	262	230	218	136	77	51	24	9	5374
AUSTRALIA	1311	246	267	300	310	286	254	218	177	143	117	73	44	24	1	3771
ISRAEL	1099	192	237	288	318	273	216	238	214	203	143	78	55	21	1	3576
DENMARK	1207	243	264	240	300	232	186	157	151	150	83	54	49	28		3344
FINLAND	1115	165	182	220	248	297	195	138	119	91	54	27	15	7		2873
INDIA	311	107	114	205	296	375	339	290	190	203	136	81	40	20	1	2708
AUSTRIA	944	148	145	172	185	202	136	111	102	106	77	46	19	17	7	2417
CHINA, PEOPLE'S REPUB	228	57	55	98	136	146	170	165	186	252	208	184	81	31	4	2001
SINGAPORE	196	72	136	174	175	179	134	143	109	123	99	97	52	19		1708
SPAIN	485	75	68	94	132	138	115	108	106	94	58	40	21	9		1543
RUSSIAN FEDERATION	345	79	90	86	93	87	61	55	65	67	43	28	15	7		1121
NORWAY	339	52	84	83	122	121	76	56	46	36	34	19	21	3		1092
CHINA, HONG KONG S.A.	70	29	31	26	52	65	85	74	73	51	56	29	7	7		655
SOUTH AFRICA	234	42	50	46	52	48	36	34	26	27	13	7	7	4		626
HUNGARY	278	25	27	37	27	53	32	30	30	16	14	9	4	2	1	585
BRAZIL	125	25	30	42	36	50	41	45	35	40	37	24	11	9	2	552
NEW ZEALAND	143	34	42	52	53	52	52	39	21	27	15	12	7	2		551
IRELAND	127	30	27	39	34	42	35	29	27	36	20	9	10	3		468
MEXICO	157	29	24	22	28	20	30	19	27	18	15	12	6	3		410
MALAYSIA	18	3	19	14	31	24	32	36	26	26	20	22	8	5		284
VENEZUELA	117	22	17	7	12	10	6	6	8	4	8	4	6	3		230
ARGENTINA	61	9	10	17	25	11	17	12	5	11	8	8	3			197
CZECH REPUBLIC	32	7	5	12	19	17	16	15	16	15	14	7	8	2		185
LUXEMBOURG	47	9	7	14	15	19	15	18	9	8	3	2	5			171
POLAND	47	6	10	8	4	18	19	6	11	5	9	8		2		153
Others (95)	663	133	144	190	163	175	151	118	108	112	100	68	32	22	1	2180
Ownership:																
U.S. Corporations	140491	21288	22757	23665	23856	23308	20548	17824	15929	14846	12816	8920	5134	2483	233	354098
U.S. Government	3416	329	325	379	404	387	350	293	270	238	186	146	88	35	2	6848
U.S. Individuals	13126	1806	1903	1860	1678	1579	1270	1005	888	786	726	523	334	127	27	27638
Foreign Corporations	116560	18606	20416	22042	24484	24945	21079	18488	16750	15416	12304	8149	4486	1901	137	325763
Foreign Government	1013	56	63	78	62	55	38	50	43	46	25	22	17	7	1	1576
Foreign Individuals	6265	896	1036	1073	1142	968	706	577	473	408	359	205	100	43	3	14254

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

	PERCENT OF PATENTED APPLICATIONS															
	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	53	52	52	50	48	47	49	49	48	49	51	52	53	56	57	51
Foreign Origin	47	48	48	50	52	53	51	51	52	51	49	48	47	44	43	49
JAPAN	20	18	17	19	20	20	20	20	21	19	19	19	18	18	15	19
GERMANY	8	7	8	8	8	8	8	7	6	6	5	5	4	4	5	7
FRANCE	3	3	3	3	3	3	3	3	3	2	2	2	2	2	1	3
UNITED KINGDOM	3	3	3	3	3	3	3	2	2	2	2	2	2	2	1	3
KOREA, SOUTH	1	2	2	2	2	3	4	4	5	6	6	6	6	5	3	3
TAIWAN	1	3	3	2	2	2	2	3	3	3	3	4	4	3	6	2
CANADA	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
ITALY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SWITZERLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1
NETHERLANDS	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1
BELGIUM	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	2	1
AUSTRALIA		1	1	1	1	1	1	1	1					1		1
ISRAEL			1	1	1	1		1	1	1	1		1			0
DENMARK		1	1		1									1		0
FINLAND						1										0
INDIA					1	1	1	1	1	1	1					0
AUSTRIA															2	0
CHINA, PEOPLE'S REPUB									1	1	1	1	1	1	1	0
SINGAPORE												1	1			0
SPAIN																0
RUSSIAN FEDERATION																0
NORWAY																0
CHINA, HONG KONG S.A.																0
SOUTH AFRICA																0
HUNGARY																0
BRAZIL																0
NEW ZEALAND																0
IRELAND																0
MEXICO																0
MALAYSIA																0
VENEZUELA																0
ARGENTINA																0
CZECH REPUBLIC																0
LUXEMBOURG																0
POLAND																0
Others (95)																0
Ownership:																
U.S. Corporations	50	50	49	48	46	45	47	47	46	47	49	50	51	54	58	48
U.S. Government	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1
U.S. Individuals	5	4	4	4	3	3	3	3	3	2	3	3	3	3	7	4
Foreign Corporations	41	43	44	45	47	49	48	48	49	49	47	45	44	41	34	45
Foreign Government																0
Foreign Individuals	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2

Part B

Ranked Listing of Organizations with PATENT GRANTS

As Distributed By Year of Patent Grant

and As Distributed By Year of Patent Application

---- Organizational Patenting

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

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	395	201	336	544	642	698	597	630	517	503	463	380	306	323	276	6811
Patents By Year of Application:	1135	583	555	708	673	734	563	540	431	423	201	125	70	66	4	6811
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	2369	354	311	294	307	283	311	284	216	314	315	276	302	435	436	6807
Patents By Year of Application:	3075	297	306	358	344	334	381	320	337	361	301	170	135	80	8	6807
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	1032	233	347	416	527	467	392	317	278	313	273	371	426	527	494	6413
Patents By Year of Application:	1755	406	505	435	396	307	397	361	358	386	459	422	160	61	5	6413
BASF AKTIENGESELLSCHAFT																
Patents By Year of Grant:	1929	395	403	502	473	462	374	335	224	267	217	208	171	217	120	6297
Patents By Year of Application:	2779	500	491	490	493	531	381	253	154	139	57	14	10	5	0	6297
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	2199	454	427	354	308	278	315	239	138	209	159	97	86	85	77	5425
Patents By Year of Application:	2992	426	296	296	334	281	250	218	132	81	67	34	13	4	1	5425
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	255	149	180	221	246	239	260	300	274	400	378	519	547	586	594	5148
Patents By Year of Application:	606	224	249	206	275	334	505	504	523	591	498	333	202	97	1	5148
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	1763	227	236	213	304	387	334	243	210	231	184	146	126	182	238	5024
Patents By Year of Application:	2260	258	295	348	365	358	311	202	197	140	134	106	35	14	1	5024
BAYER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	2204	370	329	288	349	382	329	317	163	141	36	10	5	9	2	4934
Patents By Year of Application:	2965	269	339	326	419	405	143	42	13	8	4	0	1	0	0	4934
PROCTER + GAMBLE COMPANY																
Patents By Year of Grant:	1107	348	410	348	316	298	306	290	202	176	144	142	126	189	164	4566
Patents By Year of Application:	1970	288	340	368	378	321	208	156	164	100	101	69	63	37	3	4566
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	1939	244	239	245	245	279	303	414	256	306	84	3	2	1	0	4560
Patents By Year of Application:	2491	216	238	354	353	404	325	137	41	1	0	0	0	0	0	4560
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	1135	226	205	210	232	235	251	201	178	170	168	159	186	244	261	4061
Patents By Year of Application:	1739	227	237	190	237	198	227	197	227	160	168	139	77	35	3	4061

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

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	638	236	283	295	288	271	279	269	217	235	207	149	144	230	185	3926
Patents By Year of Application:	1405	305	315	327	322	286	248	186	161	161	105	47	39	18	1	3926
ADVANCED MICRO DEVICES, INC.																
Patents By Year of Grant:	131	133	275	427	518	548	391	313	187	157	86	80	66	55	59	3426
Patents By Year of Application:	677	402	400	501	442	378	226	142	83	75	49	29	16	5	1	3426
TOSHIBA CORPORATION																
Patents By Year of Grant:	732	168	181	200	194	176	157	167	132	208	162	148	202	301	290	3418
Patents By Year of Application:	1154	196	169	172	188	171	186	224	208	218	191	163	120	55	3	3418
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	887	171	168	179	234	231	277	284	247	260	196	166	5	0	1	3306
Patents By Year of Application:	1297	213	201	274	345	346	291	191	89	50	7	2	0	0	0	3306
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	199	153	197	290	399	298	259	272	213	207	189	136	98	151	200	3261
Patents By Year of Application:	527	289	434	221	272	407	271	258	155	145	106	72	62	40	2	3261
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	0	101	273	286	361	370	323	229	217	216	184	159	254	250	3223
Patents By Year of Application:	296	260	305	340	415	360	312	254	208	194	115	77	32	50	5	3223
APPLIED MATERIALS, INC.																
Patents By Year of Grant:	251	99	147	252	257	293	309	208	209	168	156	151	182	289	234	3205
Patents By Year of Application:	728	215	220	325	258	279	197	196	167	261	171	117	50	21	0	3205
XEROX CORPORATION																
Patents By Year of Grant:	923	165	181	161	185	160	108	125	73	86	123	128	186	232	208	3044
Patents By Year of Application:	1245	167	171	188	134	140	105	139	228	180	161	118	52	16	0	3044
SUMITOMO CHEMICAL COMPANY, LIMITED																
Patents By Year of Grant:	815	138	125	139	159	175	167	142	105	96	105	76	97	121	167	2627
Patents By Year of Application:	1135	129	161	164	199	192	145	121	111	84	76	67	34	8	1	2627
SONY CORPORATION																
Patents By Year of Grant:	497	123	173	162	152	164	143	160	116	157	152	87	114	188	151	2539
Patents By Year of Application:	865	156	155	172	198	163	173	169	155	120	86	74	34	19	0	2539
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	678	84	104	156	180	129	135	189	118	138	131	118	103	139	120	2522
Patents By Year of Application:	964	159	153	96	137	184	185	159	133	105	125	63	46	10	3	2522

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

	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
MERCK + CO., INC.																
Patents By Year of Grant:	927	176	212	176	181	171	127	56	61	78	102	97	123	24	2	2513
Patents By Year of Application:	1326	206	179	163	148	112	140	112	68	33	18	8	0	0	0	2513
HOECHST AKTIENGESELLSCHAFT																
Patents By Year of Grant:	1899	314	147	82	18	18	9	1	2	0	0	0	1	0	0	2491
Patents By Year of Application:	2426	39	14	5	4	2	0	1	0	0	0	0	0	0	0	2491
MINNESOTA MINING AND MANUFACTURING COMPANY																
Patents By Year of Grant:	1803	305	214	22	10	3	4	3	1	0	0	0	0	0	0	2365
Patents By Year of Application:	2333	23	5	1	2	0	1	0	0	0	0	0	0	0	0	2365
HITACHI, LTD																
Patents By Year of Grant:	691	122	124	124	151	189	264	188	110	94	70	58	39	76	63	2363
Patents By Year of Application:	992	101	165	189	281	212	131	95	62	51	44	24	7	9	0	2363
SHIN ETSU CHEMICAL CO., LTD.																
Patents By Year of Grant:	780	90	91	102	118	124	120	153	102	93	89	80	125	147	133	2347
Patents By Year of Application:	956	104	101	147	169	154	137	116	111	117	104	71	49	9	2	2347
L'OREAL S.A.																
Patents By Year of Grant:	438	146	199	168	201	226	163	88	79	102	133	104	74	114	109	2344
Patents By Year of Application:	881	153	240	235	151	163	125	97	98	68	51	43	31	8	0	2344
NEC CORPORATION																
Patents By Year of Grant:	559	188	271	311	331	284	125	51	30	27	24	27	29	33	31	2321
Patents By Year of Application:	1094	311	279	256	143	74	46	41	23	23	14	11	3	3	0	2321
UNITED MICROELECTRONICS CORPORATION																
Patents By Year of Grant:	344	83	183	328	470	187	115	47	51	54	72	66	98	78	53	2229
Patents By Year of Application:	584	407	372	186	151	72	57	62	106	89	73	40	18	11	1	2229
PFIZER INC.																
Patents By Year of Grant:	470	114	109	151	172	182	192	162	161	135	106	74	74	70	43	2215
Patents By Year of Application:	726	97	220	223	195	185	193	127	98	63	44	23	16	5	0	2215
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	1345	161	131	123	158	115	42	25	10	8	5	0	2	0	1	2126
Patents By Year of Application:	1678	119	131	118	56	17	2	2	1	1	1	0	0	0	0	2126
ELI LILLY AND COMPANY																
Patents By Year of Grant:	800	172	183	159	113	115	87	59	48	53	66	62	67	61	70	2115
Patents By Year of Application:	1196	156	109	97	109	112	98	56	60	40	32	21	22	6	1	2115

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

	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
PIONEER HI-BRED INTERNATIONAL, INC.																
Patents By Year of Grant:	138	107	92	110	112	61	70	127	114	133	200	139	200	177	281	2061
Patents By Year of Application:	319	120	155	138	75	94	105	149	150	135	205	196	170	50	0	2061
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																
Patents By Year of Grant:	192	62	87	62	80	99	96	121	92	147	142	171	196	240	259	2046
Patents By Year of Application:	449	66	83	84	128	158	141	180	186	175	116	147	82	49	2	2046
UNITED STATES OF AMERICA, DEPARTMENT OF HEALTH & HUMAN SERVICES																
Patents By Year of Grant:	559	164	135	91	97	82	76	109	72	109	90	92	97	119	130	2022
Patents By Year of Application:	1014	75	100	123	149	120	109	73	81	59	50	36	23	9	1	2022
BRISTOL-MYERS SQUIBB COMPANY																
Patents By Year of Grant:	402	100	101	84	74	96	125	82	107	169	158	143	144	124	101	2010
Patents By Year of Application:	621	84	90	94	134	148	164	146	151	138	122	63	39	14	2	2010
SHELL OIL COMPANY																
Patents By Year of Grant:	876	125	109	93	88	44	50	71	40	66	71	70	74	118	86	1981
Patents By Year of Application:	1119	95	83	62	85	94	93	114	60	61	68	26	15	6	0	1981
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	171	43	76	75	102	110	91	103	99	80	121	131	167	245	265	1879
Patents By Year of Application:	315	86	80	142	122	164	157	147	173	184	175	78	37	18	1	1879
INTEL CORPORATION																
Patents By Year of Grant:	99	24	54	59	59	81	115	152	176	198	209	193	163	164	109	1855
Patents By Year of Application:	220	47	76	88	114	207	302	241	197	163	96	79	19	6	0	1855
FUJITSU LIMITED																
Patents By Year of Grant:	466	97	101	109	85	103	111	126	108	95	97	117	69	50	53	1787
Patents By Year of Application:	721	109	82	101	118	119	121	126	131	67	43	24	13	11	1	1787
GENENTECH, INC.																
Patents By Year of Grant:	256	133	53	77	64	68	71	62	70	145	281	224	85	119	79	1787
Patents By Year of Application:	567	74	51	91	197	434	53	55	75	85	47	39	13	6	0	1787
ABBOTT LABORATORIES																
Patents By Year of Grant:	651	122	122	106	105	93	82	46	41	53	43	53	57	81	107	1762
Patents By Year of Application:	960	102	111	87	75	61	58	65	47	62	61	44	20	7	2	1762
UOP																
Patents By Year of Grant:	541	79	98	90	82	90	64	59	41	55	49	97	90	132	144	1711
Patents By Year of Application:	701	98	114	89	77	71	53	70	80	75	120	88	52	19	4	1711

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

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
CIBA-GEIGY CORPORATION																
Patents By Year of Grant:	1687	15	3	2	0	2	0	0	0	0	0	0	0	0	0	1709
Patents By Year of Application:	1709	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1709
MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG																
Patents By Year of Grant:	360	93	52	67	72	99	124	101	80	96	101	93	102	146	121	1707
Patents By Year of Application:	539	62	83	114	166	178	137	150	106	76	54	19	16	7	0	1707
HOFFMANN-LA ROCHE INC.																
Patents By Year of Grant:	517	71	69	61	77	73	81	62	51	77	98	99	116	115	121	1688
Patents By Year of Application:	652	56	64	82	94	80	89	106	105	115	106	79	37	23	0	1688
HYNIX SEMICONDUCTOR INC.																
Patents By Year of Grant:	0	0	0	0	1	54	123	176	167	151	131	140	190	282	234	1649
Patents By Year of Application:	1	1	4	18	137	220	209	160	175	191	241	177	81	31	3	1649
KIMBERLY-CLARK WORLDWIDE, INC.																
Patents By Year of Grant:	57	100	93	127	129	135	187	149	123	101	102	68	59	97	96	1623
Patents By Year of Application:	350	114	134	209	207	191	138	70	76	51	40	25	12	6	0	1623
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	634	86	117	108	156	159	135	41	21	26	16	17	19	33	40	1608
Patents By Year of Application:	880	111	127	142	122	70	24	19	25	21	22	28	10	7	0	1608
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	141	24	33	48	47	79	103	121	111	138	145	147	153	144	140	1574
Patents By Year of Application:	218	56	63	81	141	110	165	189	152	179	111	75	22	12	0	1574
MOTOROLA, INC.																
Patents By Year of Grant:	684	163	143	141	102	121	85	52	21	22	10	12	2	6	0	1564
Patents By Year of Application:	1048	127	80	122	72	58	24	10	10	8	4	1	0	0	0	1564
KAO KABUSHIKI KAISHA (KAO CORPORATION)																
Patents By Year of Grant:	412	108	84	68	76	82	71	80	72	76	63	69	76	98	124	1559
Patents By Year of Application:	620	95	59	90	123	123	110	89	83	61	54	33	14	4	1	1559
SMITHKLINE BEECHAM CORPORATION																
Patents By Year of Grant:	140	94	176	192	242	194	115	69	41	72	64	57	59	10	1	1526
Patents By Year of Application:	488	215	215	140	143	121	84	43	24	27	15	9	2	0	0	1526
CIBA SPECIALTY CHEMICALS CORPORATION																
Patents By Year of Grant:	21	163	180	153	113	141	124	95	86	111	88	68	74	81	6	1504
Patents By Year of Application:	361	171	103	137	159	177	154	96	59	44	22	13	8	0	0	1504

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
ROHM AND HAAS COMPANY																
Patents By Year of Grant:	571	69	81	76	93	71	80	84	56	74	54	44	45	53	50	1501
Patents By Year of Application:	723	83	91	86	98	101	94	48	49	42	32	33	14	5	2	1501
INFINEON TECHNOLOGIES AG																
Patents By Year of Grant:	0	0	0	13	44	107	152	188	176	186	155	135	88	132	109	1485
Patents By Year of Application:	3	22	43	106	157	267	235	176	180	105	85	59	33	14	0	1485
EXXONMOBIL CHEMICAL PATENTS INC.																
Patents By Year of Grant:	0	0	0	0	57	124	97	86	96	149	162	155	137	207	182	1452
Patents By Year of Application:	32	17	71	120	92	158	199	150	200	147	137	72	26	27	4	1452
CORNING INCORPORATED																
Patents By Year of Grant:	353	38	51	67	110	97	106	105	47	50	61	46	59	99	132	1421
Patents By Year of Application:	452	71	122	119	122	96	64	58	70	67	83	52	31	14	0	1421
RICOH COMPANY, LTD.																
Patents By Year of Grant:	346	65	80	75	63	49	80	69	70	62	71	91	74	94	116	1405
Patents By Year of Application:	505	66	57	73	69	106	82	88	105	94	98	46	11	5	0	1405
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	449	76	91	55	67	59	64	72	43	55	43	60	62	91	71	1358
Patents By Year of Application:	645	61	54	57	65	79	80	73	71	59	47	33	27	7	0	1358
MOBIL OIL CORP.																
Patents By Year of Grant:	1089	58	61	60	44	9	2	3	2	0	0	1	0	0	0	1329
Patents By Year of Application:	1227	59	39	3	0	0	0	0	1	0	0	0	0	0	0	1329
Fujifilm Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	218	269	204	287	336	1317
Patents By Year of Application:	0	0	1	2	8	31	97	185	255	285	234	152	48	19	0	1317
UNIVERSITY OF TEXAS																
Patents By Year of Grant:	377	71	64	65	69	61	60	64	63	78	61	50	63	84	78	1308
Patents By Year of Application:	597	59	72	82	81	78	97	64	40	46	45	30	9	8	0	1308
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	341	67	79	85	70	95	78	56	47	52	61	50	66	82	75	1304
Patents By Year of Application:	510	75	68	101	80	85	77	79	75	64	44	32	8	6	0	1304
MONSANTO TECHNOLOGY, LLC																
Patents By Year of Grant:	0	0	0	0	5	36	41	30	47	58	136	165	256	296	228	1298
Patents By Year of Application:	8	6	24	39	66	84	80	62	90	157	268	265	141	8	0	1298

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
DOW CORNING CORPORATION																
Patents By Year of Grant:	643	103	102	73	57	50	40	44	11	16	10	20	23	43	46	1281
Patents By Year of Application:	830	87	63	42	51	49	29	41	38	23	16	4	6	2	0	1281
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																
Patents By Year of Grant:	273	61	72	63	80	61	58	61	53	58	49	74	82	125	96	1266
Patents By Year of Application:	402	73	77	57	61	83	82	76	90	95	56	58	48	8	0	1266
EASTMAN CHEMICAL COMPANY																
Patents By Year of Grant:	292	57	100	110	103	89	73	51	33	27	51	58	63	69	78	1254
Patents By Year of Application:	448	120	98	98	72	57	57	50	63	90	55	23	17	6	0	1254
KONICA CORPORATION																
Patents By Year of Grant:	599	92	83	76	72	83	61	65	39	38	16	15	4	2	1	1246
Patents By Year of Application:	771	79	77	68	68	81	78	8	6	8	2	0	0	0	0	1246
SUMITOMO ELECTRIC INDUSTRIES, LTD.																
Patents By Year of Grant:	530	79	86	52	47	49	46	44	26	23	24	31	47	67	68	1219
Patents By Year of Application:	717	46	47	48	59	49	37	38	49	38	29	26	21	15	0	1219
SCHERING CORP.																
Patents By Year of Grant:	235	76	81	52	70	61	56	44	56	70	66	73	97	110	69	1216
Patents By Year of Application:	426	53	65	55	78	79	76	72	78	101	65	31	26	9	2	1216
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN (HENKEL KGAA)																
Patents By Year of Grant:	455	79	80	49	84	65	59	58	26	39	46	36	31	47	48	1202
Patents By Year of Application:	645	61	85	67	67	60	35	49	32	34	28	19	11	6	3	1202
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	361	105	134	144	100	65	47	33	29	12	18	23	17	28	48	1164
Patents By Year of Application:	626	130	114	50	66	49	30	27	19	31	10	9	2	1	0	1164
PHILLIPS PETROLEUM COMPANY																
Patents By Year of Grant:	714	63	60	102	68	69	45	15	9	11	3	2	1	0	0	1162
Patents By Year of Application:	861	101	78	63	21	14	18	4	2	0	0	0	0	0	0	1162
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	162	24	38	49	65	100	103	78	80	77	79	69	59	84	95	1162
Patents By Year of Application:	242	57	70	126	116	110	81	100	69	70	60	47	10	3	1	1162
INSTITUT FRANCAIS DU PETROLE																
Patents By Year of Grant:	263	82	82	115	107	87	75	53	35	32	68	44	54	52	7	1156
Patents By Year of Application:	469	104	101	120	81	60	47	49	43	48	21	10	3	0	0	1156

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	127	35	34	43	46	39	59	85	74	93	81	84	91	133	110	1134
Patents By Year of Application:	219	32	42	70	119	145	121	111	97	85	41	34	10	7	1	1134
NGK INSULATORS LTD.																
Patents By Year of Grant:	262	47	63	62	51	74	66	58	44	56	53	59	67	81	78	1121
Patents By Year of Application:	391	73	64	55	70	101	79	72	41	42	52	46	32	3	0	1121
AIR PRODUCTS AND CHEMICALS, INC.																
Patents By Year of Grant:	408	61	58	78	56	47	61	47	37	45	40	49	38	46	47	1118
Patents By Year of Application:	528	62	69	47	56	71	72	54	46	41	33	31	6	2	0	1118
DEGUSSA AKTIENGESELLSCHAFT																
Patents By Year of Grant:	297	58	47	18	34	84	100	115	85	87	65	48	42	21	1	1102
Patents By Year of Application:	412	31	41	64	178	135	107	65	44	19	2	3	1	0	0	1102
NOVARTIS AG (FORMERLY SANDOZ LTD.)																
Patents By Year of Grant:	6	18	70	87	104	88	75	58	58	62	40	49	59	164	160	1098
Patents By Year of Application:	122	84	107	92	93	104	108	83	75	83	63	37	31	15	1	1098
TDK CORPORATION																
Patents By Year of Grant:	183	41	44	64	66	98	71	62	38	60	73	68	78	77	51	1074
Patents By Year of Application:	270	72	84	88	78	57	86	122	82	48	41	35	9	2	0	1074
BASF CORP.																
Patents By Year of Grant:	416	90	79	75	54	79	52	39	37	25	21	19	18	34	35	1073
Patents By Year of Application:	625	62	57	67	59	48	30	32	29	23	14	19	7	1	0	1073
WISCONSIN ALUMNI RESEARCH FOUNDATION																
Patents By Year of Grant:	207	65	72	46	53	57	49	39	55	70	64	49	69	85	93	1073
Patents By Year of Application:	345	55	65	61	82	75	66	72	73	63	54	45	12	5	0	1073
AKZO NOBEL NV																
Patents By Year of Grant:	203	97	108	88	84	89	105	70	54	45	28	18	17	33	30	1069
Patents By Year of Application:	430	96	84	95	127	93	52	30	21	21	11	3	3	3	0	1069
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH																
Patents By Year of Grant:	50	21	33	35	57	113	127	118	105	117	85	68	52	61	26	1068
Patents By Year of Application:	105	42	43	109	166	180	162	126	35	53	24	19	4	0	0	1068
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	0	12	40	106	97	125	91	71	88	74	95	138	119	1056
Patents By Year of Application:	8	24	40	127	124	131	100	115	113	101	72	62	26	11	2	1056

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
WARNER-LAMBERT COMPANY																
Patents By Year of Grant:	435	51	74	77	73	60	59	57	62	53	31	13	2	6	2	1055
Patents By Year of Application:	542	89	82	63	76	79	58	40	14	10	2	0	0	0	0	1055
EXXON CHEMICALS PATENTS INC.																
Patents By Year of Grant:	644	116	106	107	65	5	4	2	0	0	1	0	0	0	0	1050
Patents By Year of Application:	929	81	36	3	1	0	0	0	0	0	0	0	0	0	0	1050
HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.																
Patents By Year of Grant:	235	89	91	93	207	200	84	34	11	6	0	0	0	0	0	1050
Patents By Year of Application:	453	85	174	194	96	28	17	2	1	0	0	0	0	0	0	1050
AJINOMOTO COMPANY INCORPORATED																
Patents By Year of Grant:	208	52	51	46	59	64	46	64	44	59	78	63	57	72	70	1033
Patents By Year of Application:	331	41	59	84	78	93	43	74	67	55	40	35	25	8	0	1033
SAMSUNG SDI CO., LTD.																
Patents By Year of Grant:	0	0	0	0	11	39	40	46	48	53	82	82	123	241	263	1028
Patents By Year of Application:	0	2	10	66	49	85	76	125	206	204	111	60	26	7	1	1028
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	200	48	53	34	59	66	74	68	46	54	37	55	56	90	75	1015
Patents By Year of Application:	311	46	55	61	75	78	54	50	67	59	59	53	28	18	1	1015
GOODYEAR TIRE + RUBBER COMPANY																
Patents By Year of Grant:	281	67	51	61	77	71	72	67	42	62	42	32	25	36	25	1011
Patents By Year of Application:	397	65	80	71	88	71	67	47	46	34	17	17	8	3	0	1011
AGFA-GEVAERT N.V.																
Patents By Year of Grant:	361	71	81	128	109	67	52	40	29	32	20	9	2	1	8	1010
Patents By Year of Application:	527	118	98	72	57	48	44	23	12	2	8	0	1	0	0	1010
AMERICAN CYANAMID COMPANY																
Patents By Year of Grant:	625	103	105	63	64	31	10	3	1	0	0	0	0	0	0	1005
Patents By Year of Application:	833	60	67	39	6	0	0	0	0	0	0	0	0	0	0	1005
COLGATE-PALMOLIVE COMPANY																
Patents By Year of Grant:	317	95	118	81	82	106	80	28	15	14	11	11	7	12	14	991
Patents By Year of Application:	494	65	76	83	79	90	48	13	7	9	10	7	6	3	1	991
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	258	43	56	46	59	43	41	52	55	55	51	52	49	59	61	980
Patents By Year of Application:	396	58	71	52	62	66	64	55	57	50	21	17	9	2	0	980

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
NOVO NORDISK A/S																
Patents By Year of Grant:	285	122	160	133	81	34	35	16	22	14	15	14	12	10	25	978
Patents By Year of Application:	588	128	79	43	40	29	22	4	15	19	5	1	4	1	0	978
WYETH																
Patents By Year of Grant:	0	0	0	0	0	52	83	82	53	104	117	136	150	143	56	976
Patents By Year of Application:	7	5	12	26	88	143	138	128	116	142	107	35	26	2	1	976
IMPERIAL CHEMICAL INDUSTRIES PLC																
Patents By Year of Grant:	720	56	41	39	36	25	17	14	13	7	1	2	2	1	0	974
Patents By Year of Application:	838	34	35	21	16	22	3	2	2	1	0	0	0	0	0	974
TAKEDA CHEMICAL INDUSTRIES LTD.																
Patents By Year of Grant:	456	69	76	70	101	63	45	38	18	10	2	3	1	0	0	952
Patents By Year of Application:	644	46	93	64	48	44	9	2	1	1	0	0	0	0	0	952
ALLERGAN, INC.																
Patents By Year of Grant:	274	55	21	12	7	19	40	44	35	45	52	66	57	93	115	935
Patents By Year of Application:	361	11	8	31	42	53	61	63	53	65	76	60	43	8	0	935
FUJII XEROX CO., LTD.																
Patents By Year of Grant:	278	45	53	48	39	38	27	38	42	38	34	50	55	74	62	921
Patents By Year of Application:	395	39	32	41	45	40	60	64	72	33	50	32	15	3	0	921
EXXON RESEARCH + ENGINEERING CO.																
Patents By Year of Grant:	532	97	118	97	65	8	1	1	0	0	0	0	0	0	0	919
Patents By Year of Application:	741	109	60	8	1	0	0	0	0	0	0	0	0	0	0	919
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	571	58	70	73	68	39	27	8	2	0	1	0	0	0	0	917
Patents By Year of Application:	716	76	82	25	12	4	1	1	0	0	0	0	0	0	0	917
ASTRAZENECA AB																
Patents By Year of Grant:	0	0	0	8	33	71	73	69	83	97	91	99	82	109	102	917
Patents By Year of Application:	12	25	44	80	120	168	140	88	59	60	62	32	18	9	0	917
MITSUBISHI CHEMICAL CORPORATION																
Patents By Year of Grant:	194	105	99	73	69	49	47	34	29	48	40	36	29	27	36	915
Patents By Year of Application:	412	84	63	45	48	41	31	63	62	37	15	7	3	3	1	915
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	58	102	94	107	107	101	105	134	91	899
Patents By Year of Application:	0	1	3	11	91	139	185	150	131	62	88	23	11	3	1	899

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
MITSUI CHEMICALS, INCORPORATED																
Patents By Year of Grant:	0	40	96	93	101	99	65	67	56	39	39	28	34	52	53	862
Patents By Year of Application:	181	95	77	88	98	90	66	47	46	28	26	12	4	4	0	862
BRIDGESTONE CORPORATION																
Patents By Year of Grant:	207	33	47	45	78	72	51	47	26	27	26	35	39	59	66	858
Patents By Year of Application:	315	67	58	73	63	51	47	39	50	45	29	15	5	1	0	858
NESTEC, S.A.																
Patents By Year of Grant:	236	60	99	63	75	48	62	39	32	25	29	11	18	33	28	858
Patents By Year of Application:	406	71	63	86	67	47	36	34	18	16	8	3	3	0	0	858
ISIS PHARMACEUTICALS, INC.																
Patents By Year of Grant:	88	39	77	114	106	110	65	55	45	26	29	18	17	38	30	857
Patents By Year of Application:	231	112	140	101	81	67	26	33	14	15	18	12	4	3	0	857
NIPPON SHOKUBAI CO., LTD.																
Patents By Year of Grant:	129	40	49	66	66	94	83	63	41	43	47	39	26	41	27	854
Patents By Year of Application:	249	50	70	102	94	79	64	51	29	31	24	8	1	2	0	854
MONSANTO COMPANY, INC.																
Patents By Year of Grant:	536	69	78	76	62	7	10	5	4	1	0	0	0	0	2	850
Patents By Year of Application:	715	54	51	15	8	4	1	0	0	0	0	0	1	1	0	850
Panasonic Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	39	210	316	285	850
Patents By Year of Application:	1	0	0	0	6	16	38	87	171	179	128	116	60	44	4	850
G. D. SEARLE & CO.																
Patents By Year of Grant:	422	59	61	61	39	74	46	27	17	23	10	2	1	1	0	843
Patents By Year of Application:	573	47	50	53	43	38	19	9	5	5	1	0	0	0	0	843
DAI NIPPON PRINTING CO. LTD																
Patents By Year of Grant:	139	64	52	53	52	44	42	55	36	47	41	42	54	53	57	831
Patents By Year of Application:	277	51	62	40	63	70	59	54	70	40	25	5	12	3	0	831
JANSSEN PHARMACEUTICA N.V.																
Patents By Year of Grant:	130	25	21	29	28	33	23	16	18	45	57	65	104	125	110	829
Patents By Year of Application:	184	34	29	34	48	32	60	55	93	85	101	41	26	7	0	829
BAYER CORPORATION																
Patents By Year of Grant:	187	129	115	116	90	101	49	15	11	6	4	1	1	1	0	826
Patents By Year of Application:	465	123	102	65	40	25	3	2	1	0	0	0	0	0	0	826

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
ZENECA LIMITED																
Patents By Year of Grant:	320	138	134	98	79	33	10	8	4	0	1	0	0	0	0	825
Patents By Year of Application:	604	99	76	32	7	5	2	0	0	0	0	0	0	0	0	825
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	202	41	39	36	48	46	49	46	43	56	51	33	31	54	48	823
Patents By Year of Application:	304	52	48	52	52	68	59	49	42	41	20	16	12	8	0	823
SHOWA DENKO KABUSHIKI KAISHA																
Patents By Year of Grant:	131	26	27	45	57	57	52	65	38	65	30	30	53	66	67	809
Patents By Year of Application:	200	43	51	65	85	88	68	59	49	39	24	21	13	4	0	809
NITTO DENKO CORPORATION																
Patents By Year of Grant:	115	26	30	42	46	45	40	40	35	54	48	45	53	90	99	808
Patents By Year of Application:	185	37	53	46	57	54	70	82	66	37	50	37	21	11	2	808
PPG INDUSTRIES OHIO INC.																
Patents By Year of Grant:	0	0	58	83	91	54	66	55	44	49	37	69	43	73	67	789
Patents By Year of Application:	79	84	100	58	61	62	82	70	55	55	44	28	8	3	0	789
TORAY INDUSTRIES INC.																
Patents By Year of Grant:	225	39	52	58	61	58	49	40	26	24	19	27	23	37	50	788
Patents By Year of Application:	348	61	67	48	52	53	38	33	29	30	14	7	7	0	1	788
STANFORD UNIVERSITY																
Patents By Year of Grant:	134	39	41	48	42	49	42	23	33	39	35	42	53	79	83	782
Patents By Year of Application:	256	46	53	45	54	54	52	34	40	40	59	27	14	7	1	782
AMGEN, INC.																
Patents By Year of Grant:	75	36	38	36	45	26	27	22	37	59	47	58	66	98	106	776
Patents By Year of Application:	207	41	28	41	42	45	50	50	70	59	58	52	19	13	1	776
MITSUBISHI GAS-CHEMICAL COMPANY, INC.																
Patents By Year of Grant:	243	43	60	37	47	41	43	35	25	44	37	29	27	24	35	770
Patents By Year of Application:	333	45	47	43	50	53	43	54	30	24	31	11	4	2	0	770
W. R. GRACE & CO.-CONN.																
Patents By Year of Grant:	509	47	23	15	27	28	22	18	23	11	8	8	5	10	15	769
Patents By Year of Application:	591	20	18	22	27	25	23	16	9	9	3	4	1	1	0	769
JOHNS HOPKINS UNIVERSITY																
Patents By Year of Grant:	117	65	75	59	58	59	38	45	28	33	22	41	33	43	48	764
Patents By Year of Application:	295	80	57	62	57	44	45	43	19	20	23	14	3	2	0	764

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	111	44	46	47	28	31	36	33	23	29	23	37	52	103	121	764
Patents By Year of Application:	224	36	47	30	47	45	49	66	68	72	48	22	5	4	1	764
CALIFORNIA INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	82	57	38	44	54	49	56	62	36	41	52	40	39	58	45	753
Patents By Year of Application:	207	49	70	68	85	58	38	42	42	30	33	24	4	3	0	753
HENKEL CORPORATION																
Patents By Year of Grant:	271	67	88	58	61	38	15	26	30	20	16	16	13	21	13	753
Patents By Year of Application:	451	56	50	26	35	38	34	18	14	16	9	4	2	0	0	753
LAM RESEARCH CORPORATION																
Patents By Year of Grant:	29	16	30	51	61	46	51	49	56	52	54	39	59	77	73	743
Patents By Year of Application:	114	34	60	62	54	63	76	62	53	73	41	30	14	7	0	743
IDEMITSU KOSAN COMPANY LIMITED																
Patents By Year of Grant:	254	27	35	35	28	28	26	23	19	28	24	34	38	59	81	739
Patents By Year of Application:	337	25	26	32	27	49	44	35	58	45	33	14	6	8	0	739
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE																
Patents By Year of Grant:	213	62	58	46	59	35	49	30	23	29	21	27	16	26	43	737
Patents By Year of Application:	364	42	43	51	52	35	31	24	24	17	25	19	7	3	0	737
DAIKIN INDUSTRIES LIMITED																
Patents By Year of Grant:	178	47	33	37	57	54	41	58	37	24	30	26	27	49	37	735
Patents By Year of Application:	276	51	63	47	57	74	37	42	36	13	21	9	5	4	0	735
COMMISSARIAT A L'ENERGIE ATOMIQUE																
Patents By Year of Grant:	108	29	35	22	29	35	41	32	30	36	39	30	55	97	111	729
Patents By Year of Application:	183	17	38	41	62	77	62	49	52	48	38	39	16	7	0	729
RENESES TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	9	190	116	89	90	81	94	59	0	728
Patents By Year of Application:	1	0	3	11	61	147	144	110	68	72	74	32	4	1	0	728
ASAHI KASEI KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	213	48	55	59	54	72	52	48	35	30	27	4	14	8	3	722
Patents By Year of Application:	333	55	52	71	75	79	34	4	11	4	3	1	0	0	0	722
DOW GLOBAL TECHNOLOGIES INC.																
Patents By Year of Grant:	0	0	0	0	0	37	83	78	59	58	49	41	64	121	128	718
Patents By Year of Application:	5	5	12	41	83	101	81	95	57	101	69	32	24	10	2	718

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
CHARTERED SEMICONDUCTOR MANUFACTURING LTD.																
Patents By Year of Grant:	49	25	30	71	111	115	75	54	36	38	27	18	19	27	18	713
Patents By Year of Application:	106	47	121	109	79	81	48	32	32	25	14	16	2	1	0	713
UNIVERSITY OF PENNSYLVANIA																
Patents By Year of Grant:	169	60	47	27	44	37	24	25	35	36	32	34	30	67	43	710
Patents By Year of Application:	310	25	43	45	47	43	52	38	39	32	16	10	9	1	0	710
FREESCALE SEMICONDUCTOR, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	37	77	72	100	91	104	129	95	705
Patents By Year of Application:	0	0	1	3	7	49	76	95	144	137	101	54	26	11	1	705
MURATA MANUFACTURING CO., LTD.																
Patents By Year of Grant:	125	43	41	46	53	100	76	56	27	21	20	22	27	28	18	703
Patents By Year of Application:	211	39	72	92	84	52	42	29	8	9	29	24	7	5	0	703
CORNELL RESEARCH FOUNDATION INC.																
Patents By Year of Grant:	169	45	43	38	45	26	40	32	29	45	34	33	29	53	41	702
Patents By Year of Application:	295	44	34	50	43	47	33	30	44	38	20	14	5	5	0	702
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	246	25	20	24	13	30	37	50	65	52	54	53	20	3	0	692
Patents By Year of Application:	290	24	27	27	54	81	102	73	12	2	0	0	0	0	0	692
CHISSO CORPORATION																
Patents By Year of Grant:	214	46	41	37	75	47	40	23	10	18	12	28	35	39	20	685
Patents By Year of Application:	302	50	63	56	39	24	23	9	24	30	31	21	12	1	0	685
GENERAL HOSPITAL CORPORATION																
Patents By Year of Grant:	124	54	66	47	58	40	45	31	30	39	33	30	24	30	28	679
Patents By Year of Application:	325	45	58	52	42	27	32	35	19	12	13	11	6	2	0	679
BECTON, DICKINSON AND COMPANY																
Patents By Year of Grant:	266	78	51	39	28	26	22	18	19	15	17	20	23	33	23	678
Patents By Year of Application:	411	26	44	33	24	29	23	27	12	17	12	7	11	1	1	678
UNILEVER HOME & PERSONAL CARE USA, DIVISION OF CONOPCO, INC.																
Patents By Year of Grant:	0	0	1	20	76	128	118	104	70	61	32	32	15	13	6	676
Patents By Year of Application:	0	6	87	132	154	134	93	51	14	0	3	2	0	0	0	676
NIPPON STEEL CORP.																
Patents By Year of Grant:	238	44	32	28	27	42	44	27	27	17	11	17	19	50	49	672
Patents By Year of Application:	325	23	40	39	53	49	45	28	15	17	22	6	8	2	0	672

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
MILLENNIUM PHARMACEUTICALS, INC.																
Patents By Year of Grant:	4	15	32	49	75	89	77	49	46	53	41	35	31	40	34	670
Patents By Year of Application:	101	73	90	67	98	60	41	24	31	29	26	16	8	6	0	670
BOEING COMPANY																
Patents By Year of Grant:	145	29	39	24	27	20	31	41	32	27	25	31	44	70	84	669
Patents By Year of Application:	239	24	16	19	33	48	60	33	49	38	53	33	15	8	1	669
UNIVERSITY OF MICHIGAN																
Patents By Year of Grant:	108	34	40	55	31	32	31	33	44	46	29	50	35	58	41	667
Patents By Year of Application:	231	38	40	42	45	55	50	37	35	36	28	13	12	5	0	667
HUMAN GENOME SCIENCES, INC.																
Patents By Year of Grant:	16	28	63	47	31	86	84	47	59	58	38	41	29	18	21	666
Patents By Year of Application:	163	79	72	71	63	72	31	40	26	19	13	10	4	3	0	666
UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION																
Patents By Year of Grant:	344	61	52	45	58	41	24	7	6	4	4	6	5	1	6	664
Patents By Year of Application:	475	42	49	48	13	9	10	11	2	2	0	0	2	1	0	664
SCHERING AKTIENGESELLSCHAFT																
Patents By Year of Grant:	235	52	43	54	33	26	40	36	31	45	32	27	8	0	0	662
Patents By Year of Application:	362	45	36	46	40	42	39	23	17	12	0	0	0	0	0	662
MITSUI TOATSU CHEMICALS INC.																
Patents By Year of Grant:	609	43	2	2	0	0	0	0	1	0	0	0	0	0	0	657
Patents By Year of Application:	656	0	0	0	0	0	1	0	0	0	0	0	0	0	0	657
KANEKA CORPORATION																
Patents By Year of Grant:	1	11	19	34	81	72	60	51	28	58	50	51	26	59	55	656
Patents By Year of Application:	30	48	70	85	99	95	62	47	62	25	23	7	1	2	0	656
DAICEL CHEMICAL INDUSTRIES LTD.																
Patents By Year of Grant:	181	47	49	45	40	56	43	29	34	26	22	15	11	39	17	654
Patents By Year of Application:	282	48	47	57	54	37	36	24	25	18	13	5	7	1	0	654
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	105	76	126	139	103	23	28	17	10	6	8	12	0	1	0	654
Patents By Year of Application:	318	118	126	30	18	21	7	6	6	4	0	0	0	0	0	654
SCRIPPS RESEARCH INSTITUTE																
Patents By Year of Grant:	150	57	41	36	54	32	26	19	28	40	30	42	32	33	28	648
Patents By Year of Application:	294	56	37	39	38	29	29	33	33	23	23	5	7	0	2	648

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

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
TEIJIN LIMITED																
Patents By Year of Grant:	231	33	35	37	49	50	43	35	17	12	10	10	9	14	16	601
Patents By Year of Application:	302	41	52	44	62	40	21	14	7	3	4	9	1	1	0	601
MACRONIX INTERNATIONAL CO., LTD.																
Patents By Year of Grant:	5	5	7	4	13	74	104	88	42	34	35	32	51	45	57	596
Patents By Year of Application:	18	2	7	20	130	109	75	46	33	66	42	24	16	8	0	596
NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION																
Patents By Year of Grant:	207	41	52	33	52	44	39	38	22	28	19	16	0	0	0	591
Patents By Year of Application:	299	55	51	37	47	45	25	16	11	3	2	0	0	0	0	591
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
Patents By Year of Grant:	331	22	32	26	34	23	23	20	8	10	12	6	13	17	12	589
Patents By Year of Application:	404	22	25	28	24	20	14	11	8	13	6	8	3	3	0	589
MICHIGAN STATE UNIVERSITY																
Patents By Year of Grant:	121	50	44	36	29	40	44	25	17	26	29	37	32	34	23	587
Patents By Year of Application:	235	27	33	51	38	31	32	32	32	44	13	13	5	1	0	587
HARVARD COLLEGE, PRESIDENT AND FELLOWS																
Patents By Year of Grant:	110	42	35	26	30	44	38	33	22	28	34	32	29	38	39	580
Patents By Year of Application:	238	35	41	32	41	39	29	28	30	32	10	14	8	3	0	580
KURARAY CO., LTD.																
Patents By Year of Grant:	166	38	31	30	33	39	31	37	28	34	13	19	19	28	31	577
Patents By Year of Application:	236	28	33	50	45	45	49	33	19	21	12	2	3	1	0	577
COLUMBIA UNIVERSITY																
Patents By Year of Grant:	84	41	42	33	41	35	42	36	34	36	27	30	18	37	38	574
Patents By Year of Application:	234	36	45	47	42	31	33	31	26	15	18	8	4	4	0	574
INCYTE PHARMACEUTICALS, INC.																
Patents By Year of Grant:	39	106	247	146	30	3	0	0	1	0	0	0	0	1	0	573
Patents By Year of Application:	366	156	46	2	2	0	0	0	0	0	0	1	0	0	0	573
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	249	23	33	26	23	14	18	15	14	11	12	24	22	38	49	571
Patents By Year of Application:	317	25	18	13	17	19	18	29	31	43	13	15	3	10	0	571
ZYMOGENETICS, INC.																
Patents By Year of Grant:	74	30	32	22	34	36	30	25	25	33	33	28	73	49	35	559
Patents By Year of Application:	148	23	32	52	39	31	33	22	18	87	24	19	24	7	0	559

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

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK																
Patents By Year of Grant:	133	29	38	29	29	38	16	22	13	30	22	23	30	45	19	516
Patents By Year of Application:	214	30	34	35	25	27	26	32	29	27	20	9	7	1	0	516
HITACHI CHEMICAL COMPANY, LTD.																
Patents By Year of Grant:	138	21	36	21	31	22	14	21	18	17	27	15	33	46	54	514
Patents By Year of Application:	203	30	21	23	33	29	22	38	36	28	23	14	9	5	0	514
KYOWA HAKKO KOGYO CO., LTD																
Patents By Year of Grant:	197	36	38	22	34	27	31	21	24	26	28	17	12	0	1	514
Patents By Year of Application:	282	38	30	38	50	33	16	15	6	3	3	0	0	0	0	514
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	19	22	24	38	38	42	65	71	39	29	24	25	16	30	31	513
Patents By Year of Application:	77	45	39	47	84	49	62	40	16	15	12	15	8	4	0	513
AGILENT TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	19	52	42	39	53	61	64	45	40	38	25	33	511
Patents By Year of Application:	8	28	64	52	77	87	70	35	39	28	10	7	4	2	0	511
HOYA CORPORATION																
Patents By Year of Grant:	52	13	29	26	23	27	31	44	25	30	33	30	35	56	56	510
Patents By Year of Application:	103	23	26	38	35	51	51	46	38	33	24	18	18	6	0	510
RHONE-POULENC CHIMIE																
Patents By Year of Grant:	346	79	48	16	11	2	2	4	0	0	0	0	0	0	0	508
Patents By Year of Application:	488	10	5	3	1	1	0	0	0	0	0	0	0	0	0	508
UBE INDUSTRIES LTD.																
Patents By Year of Grant:	162	25	29	21	21	26	40	20	23	14	27	11	16	30	31	496
Patents By Year of Application:	216	22	21	28	37	37	31	32	26	15	14	6	8	3	0	496
SMITHKLINE BEECHAM PLC																
Patents By Year of Grant:	56	47	67	71	67	41	27	21	17	22	24	17	3	5	10	495
Patents By Year of Application:	193	62	60	36	47	53	17	8	2	9	6	1	1	0	0	495
VANGUARD INTERNATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	71	97	80	86	74	48	15	8	3	3	1	0	0	4	5	495
Patents By Year of Application:	231	84	71	61	21	10	4	3	0	1	1	4	4	0	0	495
KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	113	34	34	23	22	32	24	42	22	30	21	13	24	31	29	494
Patents By Year of Application:	179	20	24	35	39	52	29	28	15	28	23	12	10	0	0	494

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

	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
LEVER BROTHERS COMPANY, DIVISION OF CONOPCO, INC.																
Patents By Year of Grant:	310	59	58	32	26	5	1	2	0	0	0	0	0	0	0	493
Patents By Year of Application:	438	38	9	7	1	0	0	0	0	0	0	0	0	0	0	493
PHARMACIA & UPJOHN COMPANY																
Patents By Year of Grant:	21	40	48	40	44	56	66	53	48	30	13	14	3	6	6	488
Patents By Year of Application:	129	34	44	59	91	59	47	6	7	4	4	2	1	1	0	488
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS																
Patents By Year of Grant:	78	12	21	17	20	20	32	17	26	31	29	28	41	53	62	487
Patents By Year of Application:	120	21	25	46	43	53	42	50	31	27	12	8	6	3	0	487
DOW CORNING TORAY SILICONE COMPANY LIMITED																
Patents By Year of Grant:	208	40	62	30	47	38	19	10	2	7	12	6	2	2	0	485
Patents By Year of Application:	296	37	43	34	39	22	11	1	0	1	1	0	0	0	0	485
ISP INVESTMENTS INC.																
Patents By Year of Grant:	256	23	23	23	33	23	29	8	10	19	7	7	3	11	10	485
Patents By Year of Application:	291	38	25	20	27	17	21	19	12	11	2	1	0	1	0	485
NOVELLUS SYSTEMS, INC.																
Patents By Year of Grant:	13	5	5	19	31	23	38	40	35	30	55	39	40	52	60	485
Patents By Year of Application:	34	15	20	33	56	59	42	57	41	40	41	21	21	5	0	485
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	258	43	47	43	33	40	18	0	1	1	0	0	0	0	0	484
Patents By Year of Application:	352	42	32	28	29	1	0	0	0	0	0	0	0	0	0	484
TEXACO INC.																
Patents By Year of Grant:	335	24	21	18	10	12	11	12	3	6	7	9	4	7	4	483
Patents By Year of Application:	378	22	13	8	23	11	9	10	1	4	0	4	0	0	0	483
BATTELLE MEMORIAL INSTITUTE																
Patents By Year of Grant:	84	22	26	23	23	24	45	40	24	32	17	19	28	36	33	476
Patents By Year of Application:	133	33	31	33	60	35	44	25	19	24	18	12	7	1	1	476
DELPHI TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	13	17	59	73	92	45	47	38	21	29	28	14	476
Patents By Year of Application:	3	6	39	98	88	91	42	27	41	17	9	10	4	1	0	476
GLAXO GROUP LIMITED																
Patents By Year of Grant:	119	14	20	14	21	3	5	1	8	14	48	39	68	60	40	474
Patents By Year of Application:	167	9	11	11	11	37	48	45	34	42	30	16	9	4	0	474

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
SHIN-ETSU HANDOTAI CO., LTD.																
Patents By Year of Grant:	112	39	57	35	38	28	30	18	21	14	20	14	17	14	16	473
Patents By Year of Application:	207	39	42	30	38	30	32	18	13	8	6	5	5	0	0	473
NALCO CHEMICAL COMPANY																
Patents By Year of Grant:	306	31	32	38	36	29	0	0	0	0	0	0	0	0	0	472
Patents By Year of Application:	374	35	33	26	4	0	0	0	0	0	0	0	0	0	0	472
DSM N.V.																
Patents By Year of Grant:	105	35	34	66	70	59	58	31	7	3	0	0	0	0	0	468
Patents By Year of Application:	202	68	65	52	49	27	5	0	0	0	0	0	0	0	0	468
FMC CORPORATION																
Patents By Year of Grant:	204	46	36	37	29	26	14	14	10	5	4	3	9	15	14	466
Patents By Year of Application:	301	36	22	26	18	17	8	9	8	9	5	5	2	0	0	466
STINE SEED FARM, INC.																
Patents By Year of Grant:	9	5	14	10	47	6	26	37	41	61	54	31	33	28	64	466
Patents By Year of Application:	16	13	24	35	28	48	60	28	28	46	58	35	32	15	0	466
VERTEX PHARMACEUTICALS, INC.																
Patents By Year of Grant:	12	20	21	19	13	13	40	24	17	24	33	44	46	75	65	466
Patents By Year of Application:	69	11	15	21	40	41	54	51	35	49	33	20	17	10	0	466
CABOT CORPORATION																
Patents By Year of Grant:	52	16	37	38	29	48	30	22	31	31	26	16	29	36	24	465
Patents By Year of Application:	145	28	44	32	42	46	34	24	19	25	13	7	5	1	0	465
PPG INDUSTRIES INC.																
Patents By Year of Grant:	345	79	38	0	0	0	0	0	0	1	0	0	0	0	1	464
Patents By Year of Application:	461	1	0	0	0	0	1	1	0	0	0	0	0	0	0	464
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	220	56	62	45	58	21	1	0	0	0	0	0	0	0	0	463
Patents By Year of Application:	352	44	46	16	5	0	0	0	0	0	0	0	0	0	0	463
MILLIKEN & COMPANY																
Patents By Year of Grant:	0	0	32	25	29	57	72	49	44	36	19	22	23	31	23	462
Patents By Year of Application:	32	22	44	52	89	52	63	23	17	24	14	15	10	3	2	462
ECOLAB INC.																
Patents By Year of Grant:	79	10	19	19	31	37	46	35	23	31	20	28	33	34	13	458
Patents By Year of Application:	126	16	34	50	36	45	44	30	28	15	10	14	9	1	0	458

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

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
NIPPON PAINT CO., LTD.																
Patents By Year of Grant:	277	33	27	17	15	24	15	15	7	9	4	5	3	4	3	458
Patents By Year of Application:	342	12	18	14	31	13	14	4	5	3	2	0	0	0	0	458
TOKYO OHKA KOGYO CO., LTD.																
Patents By Year of Grant:	51	25	33	28	34	19	24	30	16	17	16	25	30	50	60	458
Patents By Year of Application:	112	28	31	21	27	34	20	48	47	40	17	23	8	1	1	458
MITSUBISHI RAYON CO., LTD.																
Patents By Year of Grant:	187	5	22	18	22	25	31	22	22	16	9	16	18	22	22	457
Patents By Year of Application:	221	13	19	34	35	49	25	21	12	13	5	5	3	1	1	457
AVERY DENNISON CORPORATION																
Patents By Year of Grant:	114	32	32	35	23	33	47	37	18	14	10	12	15	15	18	455
Patents By Year of Application:	215	36	23	40	28	38	20	17	17	9	6	2	0	3	1	455
UNIVERSITY OF MINNESOTA, THE REGENTS OF																
Patents By Year of Grant:	117	36	32	30	28	31	23	26	21	21	19	10	17	16	20	447
Patents By Year of Application:	214	28	37	30	30	22	20	16	9	21	11	7	2	0	0	447
TOSOH CORPORATION																
Patents By Year of Grant:	169	24	30	25	23	25	21	18	23	19	14	10	18	15	11	445
Patents By Year of Application:	238	21	17	21	31	28	25	24	10	15	9	4	1	0	1	445
BOEHRINGER MANNHEIM G.M.B.H.																
Patents By Year of Grant:	317	69	38	12	5	0	2	1	0	0	0	0	0	0	0	444
Patents By Year of Application:	431	9	2	2	0	0	0	0	0	0	0	0	0	0	0	444
CLARIANT GMBH																
Patents By Year of Grant:	0	15	53	68	59	74	63	30	32	47	2	0	0	0	0	443
Patents By Year of Application:	62	79	66	76	68	44	35	11	2	0	0	0	0	0	0	443
KAWASAKI STEEL CORPORATION																
Patents By Year of Grant:	213	34	36	38	43	42	29	1	1	0	0	0	0	0	0	437
Patents By Year of Application:	291	38	34	34	31	8	1	0	0	0	0	0	0	0	0	437
NORTH CAROLINA STATE UNIVERSITY																
Patents By Year of Grant:	91	14	17	13	24	22	33	36	24	23	20	32	25	27	32	433
Patents By Year of Application:	135	18	21	33	40	41	28	28	19	26	15	17	7	5	0	433
KANSAI PAINT CO., LTD.																
Patents By Year of Grant:	148	29	22	29	27	34	33	28	18	10	5	5	12	12	19	431
Patents By Year of Application:	200	33	22	37	33	40	19	14	9	5	11	4	3	1	0	431

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
RHODIA CHIMIE																
Patents By Year of Grant:	0	0	11	37	57	69	58	36	33	27	29	11	19	27	17	431
Patents By Year of Application:	15	39	56	70	83	69	37	24	20	9	5	4	0	0	0	431
ELF ATOCHEM S.A.																
Patents By Year of Grant:	168	61	68	63	32	17	13	3	4	0	1	0	0	0	0	430
Patents By Year of Application:	318	64	26	14	2	5	1	0	0	0	0	0	0	0	0	430
GENENCOR INTERNATIONAL, INC.																
Patents By Year of Grant:	78	25	21	20	42	30	40	22	25	31	26	42	20	6	1	429
Patents By Year of Application:	169	26	28	41	32	31	24	39	14	11	10	4	0	0	0	429
MITSUI PETROCHEMICAL INDUSTRIES LTD.																
Patents By Year of Grant:	360	49	10	8	1	1	0	0	0	0	0	0	0	0	0	429
Patents By Year of Application:	428	0	1	0	0	0	0	0	0	0	0	0	0	0	0	429
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:	110	23	42	31	51	34	29	9	16	15	13	13	10	17	15	428
Patents By Year of Application:	174	38	42	47	27	19	25	21	11	8	7	7	1	1	0	428
NISSAN CHEMICAL INDUSTRIES, LTD.																
Patents By Year of Grant:	117	33	34	31	22	23	15	12	12	13	10	13	24	37	30	426
Patents By Year of Application:	182	32	18	20	23	30	27	25	21	21	13	8	4	2	0	426
UNIVERSITY OF ILLINOIS																
Patents By Year of Grant:	48	10	17	14	20	18	25	30	21	28	26	25	39	48	57	426
Patents By Year of Application:	81	15	29	34	25	36	44	26	38	36	37	17	6	2	0	426
PRAXAIR TECHNOLOGY, INC.																
Patents By Year of Grant:	82	27	37	29	35	29	30	20	10	13	17	21	22	28	25	425
Patents By Year of Application:	157	30	28	39	26	23	19	15	23	23	15	18	6	3	0	425
GM Global Technology Operations, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	4	20	66	158	174	423
Patents By Year of Application:	0	0	0	0	0	5	13	51	94	91	76	53	28	10	2	423
HALLIBURTON ENERGY SERVICES, INC.																
Patents By Year of Grant:	1	7	10	12	13	16	32	22	24	30	40	41	55	63	57	423
Patents By Year of Application:	21	7	17	16	21	46	42	51	69	50	37	15	24	7	0	423
JSR CORPORATION																
Patents By Year of Grant:	0	4	17	26	27	39	41	49	34	48	35	29	26	21	27	423
Patents By Year of Application:	22	35	23	42	53	71	53	43	33	23	13	6	4	2	0	423

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
ALBEMARLE CORPORATION																
Patents By Year of Grant:	104	43	44	39	36	24	28	24	7	15	11	10	6	9	20	420
Patents By Year of Application:	178	47	40	34	23	32	12	11	7	12	17	0	5	1	1	420
DUKE UNIVERSITY																
Patents By Year of Grant:	78	19	25	22	33	25	23	16	21	40	20	19	19	34	26	420
Patents By Year of Application:	148	26	36	21	36	35	31	14	19	18	18	12	5	1	0	420
FUJISAWA PHARMACEUTICAL CO., LTD.																
Patents By Year of Grant:	204	24	21	25	40	45	22	16	16	3	0	0	1	0	0	417
Patents By Year of Application:	253	29	42	39	26	19	7	1	1	0	0	0	0	0	0	417
TOYO BOSEKI KABUSHIKI KAISHA																
Patents By Year of Grant:	104	25	27	25	32	22	29	20	18	15	16	14	21	20	23	411
Patents By Year of Application:	168	21	30	33	33	30	32	21	11	10	11	4	6	1	0	411
UNITED STATES OF AMERICA, AIR FORCE																
Patents By Year of Grant:	171	17	28	26	26	17	22	18	15	7	6	10	16	15	12	406
Patents By Year of Application:	214	31	22	18	19	23	18	18	9	13	8	9	2	2	0	406
LG SEMICON CO., LTD.																
Patents By Year of Grant:	72	87	106	95	24	14	4	1	1	0	0	0	0	0	0	404
Patents By Year of Application:	281	84	27	6	3	2	1	0	0	0	0	0	0	0	0	404
NOVOZYMES A/S																
Patents By Year of Grant:	0	0	0	0	46	49	59	27	20	26	41	19	24	34	59	404
Patents By Year of Application:	11	26	45	62	58	35	29	30	23	18	17	20	12	17	1	404
BP CHEMICALS LIMITED																
Patents By Year of Grant:	138	31	28	23	27	40	28	16	14	14	13	9	4	9	8	402
Patents By Year of Application:	205	20	32	36	35	22	22	9	8	7	4	0	2	0	0	402
SANDIA CORPORATION																
Patents By Year of Grant:	24	26	37	31	36	32	30	23	15	14	26	27	32	30	19	402
Patents By Year of Application:	88	38	35	32	33	33	22	29	22	24	20	18	5	3	0	402
IDEMITSU PETROCHEMICAL COMPANY LTD.																
Patents By Year of Grant:	139	26	23	31	41	48	30	49	9	3	1	1	0	0	0	401
Patents By Year of Application:	198	28	43	46	37	39	8	2	0	0	0	0	0	0	0	401
LUDWIG INSTITUTE FOR CANCER RESEARCH																
Patents By Year of Grant:	61	45	35	39	50	38	21	24	6	19	9	15	12	13	14	401
Patents By Year of Application:	174	55	51	32	21	19	10	14	8	4	3	6	2	2	0	401

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	Pre																
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL	
ALCOA INC.																	
Patents By Year of Grant:	169	26	27	18	21	25	22	18	14	12	9	10	6	14	9	400	
Patents By Year of Application:	227	16	20	24	25	17	29	6	11	6	12	2	3	2	0	400	
UNIVERSITY OF NORTH CAROLINA																	
Patents By Year of Grant:	100	24	37	24	29	17	23	13	16	15	18	17	15	32	20	400	
Patents By Year of Application:	179	19	25	26	23	23	24	24	20	17	13	3	3	1	0	400	
CHUGAI SEIYAKU KABUSHIKI KAISHA																	
Patents By Year of Grant:	24	14	25	18	22	26	35	28	24	24	21	16	18	47	53	395	
Patents By Year of Application:	69	33	24	48	42	45	35	33	23	15	13	4	4	7	0	395	
AT&T CORP.																	
Patents By Year of Grant:	392	0	0	0	0	0	0	0	0	0	0	0	0	0	0	392	
Patents By Year of Application:	392	0	0	0	0	0	0	0	0	0	0	0	0	0	0	392	
FINA TECHNOLOGY, INC.																	
Patents By Year of Grant:	47	15	15	19	25	34	19	27	29	31	23	30	27	22	29	392	
Patents By Year of Application:	96	15	29	24	19	36	37	26	38	19	19	25	6	2	1	392	
HERCULES INCORPORATED																	
Patents By Year of Grant:	173	29	22	32	36	28	17	7	6	5	8	4	8	4	13	392	
Patents By Year of Application:	248	31	22	29	12	9	9	6	8	4	7	3	2	2	0	392	
JAPAN SCIENCE AND TECHNOLOGY AGENCY																	
Patents By Year of Grant:	0	0	0	0	0	0	0	14	18	33	54	65	50	92	65	391	
Patents By Year of Application:	0	0	0	16	19	67	91	63	56	39	16	9	10	5	0	391	
SHARP LABORATORIES OF AMERICA, INC.																	
Patents By Year of Grant:	0	0	8	15	23	30	56	46	33	49	48	38	16	18	11	391	
Patents By Year of Application:	10	20	17	22	57	48	53	58	51	28	18	6	1	2	0	391	
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.																	
Patents By Year of Grant:	56	22	28	25	22	35	36	26	18	19	11	19	16	25	31	389	
Patents By Year of Application:	114	23	31	42	58	35	24	15	16	14	5	7	5	0	0	389	
BOEHRINGER INGELHEIM INTERNATIONAL GMBH																	
Patents By Year of Grant:	35	9	10	4	4	6	5	13	7	15	42	38	66	76	58	388	
Patents By Year of Application:	61	1	9	10	7	6	14	44	88	49	51	25	17	4	2	388	
MERCK SHARP & DOHME LIMITED																	
Patents By Year of Grant:	122	28	30	40	25	25	18	10	18	21	20	13	8	8	1	387	
Patents By Year of Application:	174	39	26	25	27	26	36	16	9	4	3	1	1	0	0	387	

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

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
HUELS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	215	51	54	44	19	2	1	0	0	0	0	0	0	0	0	386
Patents By Year of Application:	322	45	17	1	1	0	0	0	0	0	0	0	0	0	0	386
IMMUNEX CORPORATION																
Patents By Year of Grant:	68	21	17	23	23	24	37	16	18	28	38	20	13	26	14	386
Patents By Year of Application:	130	33	16	41	33	40	19	16	8	11	17	10	6	6	0	386
APPLERA CORPORATION																
Patents By Year of Grant:	0	0	0	0	3	26	58	82	62	58	49	42	4	0	0	384
Patents By Year of Application:	0	1	4	37	97	100	72	44	17	12	0	0	0	0	0	384
ENGELHARD CORPORATION																
Patents By Year of Grant:	95	21	35	39	30	36	38	28	22	21	12	5	0	1	0	383
Patents By Year of Application:	170	29	28	44	37	37	19	13	6	0	0	0	0	0	0	383
SOLVAY (SOCIETE ANONYME)																
Patents By Year of Grant:	117	19	19	20	27	23	20	22	13	18	12	6	14	26	24	380
Patents By Year of Application:	179	19	17	27	28	20	14	20	20	20	12	3	0	1	0	380
ACUSHNET COMPANY																
Patents By Year of Grant:	10	16	19	17	24	22	16	33	31	60	33	26	15	21	35	378
Patents By Year of Application:	48	25	25	13	25	37	54	55	28	19	11	26	7	5	0	378
BASF SE																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	29	30	99	220	378
Patents By Year of Application:	0	0	1	1	2	10	24	34	49	95	79	55	17	10	1	378
EISAI CO., LTD.																
Patents By Year of Grant:	149	28	17	11	25	23	25	23	15	25	19	9	3	2	4	378
Patents By Year of Application:	200	14	20	24	33	50	20	5	6	1	2	2	0	1	0	378
NORTHWESTERN UNIVERSITY																
Patents By Year of Grant:	67	29	16	11	27	23	17	13	10	12	16	20	27	42	47	377
Patents By Year of Application:	120	13	22	24	17	25	27	25	25	17	20	25	11	5	1	377
Dongbu Hitek Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	15	82	164	110	374
Patents By Year of Application:	0	0	0	0	0	0	1	3	3	76	140	113	37	1	0	374
LG. PHILIPS LCD CO., LTD.																
Patents By Year of Grant:	0	0	1	2	23	42	51	52	39	59	57	46	1	0	0	373
Patents By Year of Application:	3	13	30	47	47	69	56	70	33	4	1	0	0	0	0	373

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
SHIPLEY COMPANY INC.																
Patents By Year of Grant:	90	14	18	22	17	26	44	55	37	23	22	2	1	1	0	372
Patents By Year of Application:	135	24	16	33	66	48	34	10	3	2	1	0	0	0	0	372
EBARA CORPORATION																
Patents By Year of Grant:	34	17	24	30	16	38	31	41	26	12	29	20	22	11	20	371
Patents By Year of Application:	89	28	19	44	51	40	26	34	14	8	7	7	2	2	0	371
WASHINGTON UNIVERSITY																
Patents By Year of Grant:	86	34	45	33	34	16	16	12	12	12	10	13	9	20	19	371
Patents By Year of Application:	206	30	14	23	14	12	17	11	12	10	7	10	4	1	0	371
CLARIANT FINANCE (BVI) LIMITED																
Patents By Year of Grant:	25	34	36	32	26	40	38	39	19	24	9	5	5	15	23	370
Patents By Year of Application:	101	29	34	48	40	53	16	8	8	5	15	9	2	2	0	370
ROCKEFELLER UNIVERSITY																
Patents By Year of Grant:	93	35	34	42	25	31	11	14	5	18	3	17	17	10	14	369
Patents By Year of Application:	204	30	33	19	18	16	5	12	10	11	3	2	3	3	0	369
OWENS-CORNING FIBERGLAS TECHNOLOGY, INC.																
Patents By Year of Grant:	111	47	45	30	31	21	16	24	11	11	14	0	0	0	0	361
Patents By Year of Application:	219	28	28	21	25	22	12	6	0	0	0	0	0	0	0	361
IOWA STATE UNIVERSITY RESEARCH FOUNDATION INC.																
Patents By Year of Grant:	116	35	28	22	19	11	15	15	9	15	19	6	23	19	8	360
Patents By Year of Application:	191	23	15	19	13	17	14	15	15	19	7	11	0	1	0	360
NEC ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	66	53	42	28	36	30	47	57	1	360
Patents By Year of Application:	2	1	4	23	47	61	45	39	30	44	37	17	10	0	0	360
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	332	20	5	3	0	0	0	0	0	0	0	0	0	0	0	360
Patents By Year of Application:	359	1	0	0	0	0	0	0	0	0	0	0	0	0	0	360
YEDA RESEARCH AND DEVELOPMENT CO., LTD.																
Patents By Year of Grant:	68	24	30	18	18	16	23	20	12	24	21	27	13	22	22	358
Patents By Year of Application:	145	26	14	34	33	22	15	21	12	16	8	6	4	2	0	358
PENN STATE RESEARCH FOUNDATION, INC.																
Patents By Year of Grant:	44	11	23	26	34	34	30	21	22	16	19	16	15	28	18	357
Patents By Year of Application:	80	34	33	40	37	34	21	23	17	12	10	10	4	2	0	357

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
BRIGHAM AND WOMEN'S HOSPITAL, INC.																
Patents By Year of Grant:	81	19	19	16	29	21	25	27	18	20	14	10	15	23	19	356
Patents By Year of Application:	140	23	21	23	38	28	17	11	19	11	12	7	4	2	0	356
AVENTIS PHARMA SA																
Patents By Year of Grant:	0	0	0	11	27	76	55	29	36	28	23	10	24	19	17	355
Patents By Year of Application:	26	18	24	57	68	47	28	39	9	9	18	8	2	1	1	355
UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED																
Patents By Year of Grant:	62	20	16	12	15	18	15	13	16	30	34	19	30	25	28	353
Patents By Year of Application:	113	11	14	21	15	25	40	38	20	29	10	7	6	4	0	353
YALE UNIVERSITY																
Patents By Year of Grant:	63	31	21	28	24	24	25	15	17	16	12	6	20	24	26	352
Patents By Year of Application:	143	25	29	22	31	21	16	14	17	12	11	3	4	4	0	352
DSM IP ASSETS B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	1	17	38	43	34	53	46	61	58	351
Patents By Year of Application:	0	0	4	3	36	70	75	65	44	24	17	9	3	1	0	351
GILLETTE COMPANY																
Patents By Year of Grant:	58	16	18	16	18	31	18	25	22	23	25	16	25	18	22	351
Patents By Year of Application:	99	10	24	38	26	31	47	21	15	14	6	4	14	1	1	351
SUMITOMO RUBBER INDUSTRIES, LTD.																
Patents By Year of Grant:	84	13	19	16	20	17	30	24	16	20	17	18	11	24	21	350
Patents By Year of Application:	132	21	11	22	31	30	20	13	16	26	19	3	3	3	0	350
ADVANCED TECHNOLOGY MATERIALS, INC.																
Patents By Year of Grant:	27	11	25	28	30	34	37	28	17	23	16	19	15	13	25	348
Patents By Year of Application:	73	40	24	28	48	37	26	17	13	11	11	7	6	6	1	348
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
Patents By Year of Grant:	0	0	0	0	5	47	79	61	27	32	13	13	16	22	31	346
Patents By Year of Application:	3	4	23	51	71	74	44	28	16	19	5	3	4	1	0	346
DAINIPPON INK + CHEMICALS, INC.																
Patents By Year of Grant:	88	16	20	23	19	21	37	26	22	18	17	10	8	14	6	345
Patents By Year of Application:	132	13	24	29	47	32	29	12	15	11	0	0	1	0	0	345
SYNGENTA PARTICIPATIONS AG																
Patents By Year of Grant:	0	0	0	0	26	16	26	22	8	33	35	50	30	62	37	345
Patents By Year of Application:	8	3	21	21	37	29	20	14	30	55	45	37	20	5	0	345

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE																
Patents By Year of Grant:	46	23	28	25	14	13	19	20	15	17	20	20	19	24	41	344
Patents By Year of Application:	95	31	15	8	18	25	30	25	19	26	17	11	16	8	0	344
TEVA PHARMACEUTICAL INDUSTRIES, LTD.																
Patents By Year of Grant:	23	8	8	2	8	11	26	21	19	30	28	44	48	38	29	343
Patents By Year of Application:	39	2	12	13	29	34	37	36	32	49	29	19	7	5	0	343
ADIR ET COMPAGNIE																
Patents By Year of Grant:	239	28	22	27	24	2	0	0	0	0	0	0	0	0	0	342
Patents By Year of Application:	282	18	19	21	2	0	0	0	0	0	0	0	0	0	0	342
ALZA CORPORATION																
Patents By Year of Grant:	139	22	41	23	25	17	16	6	12	12	11	6	8	1	3	342
Patents By Year of Application:	215	23	29	21	15	9	9	10	6	2	3	0	0	0	0	342
NAN YA TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	0	7	15	9	14	21	70	61	51	12	13	19	32	18	342
Patents By Year of Application:	5	13	11	10	17	48	107	43	15	13	28	23	5	3	1	342
TOYODA GOSEI KABUSHIKI KAISHA																
Patents By Year of Grant:	93	25	23	19	11	21	22	21	31	14	16	9	10	15	12	342
Patents By Year of Application:	149	23	9	22	15	38	28	18	9	15	8	5	2	1	0	342
MITSUBISHI MATERIALS CORPORATION																
Patents By Year of Grant:	139	23	16	14	17	16	13	12	7	11	12	8	11	14	27	340
Patents By Year of Application:	181	15	14	21	16	13	20	12	11	14	13	4	5	1	0	340
SHIONOGI + CO. LTD.																
Patents By Year of Grant:	125	11	13	23	18	18	14	24	20	18	9	9	12	15	11	340
Patents By Year of Application:	152	23	19	28	26	36	20	9	9	9	5	3	1	0	0	340
LG Display Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	41	82	114	102	339
Patents By Year of Application:	0	1	0	2	1	7	12	31	69	84	44	25	42	19	2	339
ORTHO-MCNEIL PHARMACEUTICAL, INC.																
Patents By Year of Grant:	0	0	5	19	32	48	48	36	35	39	31	25	8	9	4	339
Patents By Year of Application:	5	13	39	66	67	62	27	20	10	18	6	2	1	3	0	339
FUJI ELECTRIC CO., LTD.																
Patents By Year of Grant:	145	29	35	24	16	7	17	22	12	14	5	3	0	0	9	338
Patents By Year of Application:	199	31	15	21	17	22	14	6	2	1	3	4	1	1	1	338

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
GENETICS INSTITUTE, INC.																
Patents By Year of Grant:	90	39	33	19	24	16	20	13	21	18	12	8	14	6	5	338
Patents By Year of Application:	198	19	16	27	26	14	9	9	7	5	2	3	2	1	0	338
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	73	11	17	21	18	15	24	12	15	12	16	18	12	30	43	337
Patents By Year of Application:	109	12	28	17	21	22	19	16	18	18	21	18	12	5	1	337
MITSUBISHI HEAVY INDUSTRIES, LTD.																
Patents By Year of Grant:	0	3	24	19	40	27	47	20	27	14	17	21	19	21	38	337
Patents By Year of Application:	20	36	51	28	35	43	30	27	12	21	17	6	10	1	0	337
MEDTRONIC INC.																
Patents By Year of Grant:	49	25	27	29	20	15	17	17	15	14	17	11	15	37	28	336
Patents By Year of Application:	108	26	28	14	15	23	29	30	14	17	14	7	7	4	0	336
UNIVERSITY OF PITTSBURGH																
Patents By Year of Grant:	50	23	33	25	32	19	17	21	14	19	12	15	17	21	18	336
Patents By Year of Application:	133	27	19	20	25	18	23	19	16	9	17	6	2	2	0	336
UNIVERSITY OF WASHINGTON																
Patents By Year of Grant:	41	25	22	34	16	19	15	12	13	24	16	19	27	30	22	335
Patents By Year of Application:	117	22	24	18	21	12	20	30	31	13	14	9	3	1	0	335
NATIONAL SCIENCE COUNCIL																
Patents By Year of Grant:	128	43	39	27	47	33	8	4	2	2	1	0	0	0	0	334
Patents By Year of Application:	216	31	36	32	11	5	2	1	0	0	0	0	0	0	0	334
LG ELECTRONICS INC.																
Patents By Year of Grant:	8	15	13	19	21	26	20	15	12	19	29	21	28	49	38	333
Patents By Year of Application:	41	20	25	26	15	26	21	37	52	24	17	10	15	4	0	333
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	90	9	28	23	25	26	18	22	19	10	13	13	6	11	20	333
Patents By Year of Application:	134	24	33	22	23	23	23	13	12	12	9	2	3	0	0	333
UNIVERSITY OF MARYLAND																
Patents By Year of Grant:	56	16	28	19	16	16	19	15	11	21	16	19	20	29	32	333
Patents By Year of Application:	108	22	18	25	25	16	17	25	23	27	15	9	3	0	0	333
INTERNATIONAL FLAVORS + FRAGRANCES INC																
Patents By Year of Grant:	117	13	3	17	19	19	13	7	11	18	21	17	25	17	15	332
Patents By Year of Application:	134	9	24	19	18	16	22	15	15	15	16	17	8	4	0	332

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
NIPPON SHEET GLASS CO., LTD.																
Patents By Year of Grant:	59	3	19	21	22	50	36	36	14	13	15	8	11	21	4	332
Patents By Year of Application:	85	20	31	44	52	31	21	18	12	8	5	3	2	0	0	332
UNIVERSITY OF UTAH RESEARCH FOUNDATION																
Patents By Year of Grant:	52	25	23	15	30	20	11	20	12	15	20	15	16	28	28	330
Patents By Year of Application:	107	25	29	27	24	15	14	24	27	5	13	9	5	6	0	330
AUSIMONT S.P.A.																
Patents By Year of Grant:	136	19	27	22	32	27	26	25	7	1	1	5	1	0	0	329
Patents By Year of Application:	191	25	27	25	25	30	3	2	0	1	0	0	0	0	0	329
SANDOZ LTD.																
Patents By Year of Grant:	298	20	10	0	0	0	0	0	0	0	0	0	0	0	0	328
Patents By Year of Application:	328	0	0	0	0	0	0	0	0	0	0	0	0	0	0	328
SANKYO COMPANY LIMITED																
Patents By Year of Grant:	146	26	24	17	9	14	14	12	12	15	10	8	6	7	6	326
Patents By Year of Application:	193	20	15	13	19	15	20	7	14	4	3	1	2	0	0	326
YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM																
Patents By Year of Grant:	65	24	31	16	28	16	18	14	14	27	13	9	12	17	22	326
Patents By Year of Application:	130	24	31	22	21	26	16	18	14	16	3	5	0	0	0	326
AFFYMETRIX, INC.																
Patents By Year of Grant:	4	9	15	24	44	38	34	28	27	21	15	23	5	16	22	325
Patents By Year of Application:	60	33	34	44	45	30	16	15	11	11	9	7	3	6	1	325
NEW YORK UNIVERSITY																
Patents By Year of Grant:	66	15	21	15	17	15	13	19	9	20	24	15	21	32	23	325
Patents By Year of Application:	130	12	16	18	20	21	20	25	19	15	13	10	5	1	0	325
KIMBERLY-CLARK CORPORATION																
Patents By Year of Grant:	288	13	6	6	6	3	1	0	0	0	0	0	0	1	0	324
Patents By Year of Application:	315	1	6	1	0	0	1	0	0	0	0	0	0	0	0	324
CARGILL, INC.																
Patents By Year of Grant:	54	19	22	29	22	25	22	19	13	16	15	11	18	16	21	322
Patents By Year of Application:	105	27	28	24	31	24	19	14	19	16	12	1	1	1	0	322
AVENTIS PHARMA DEUTSCHLAND GMBH																
Patents By Year of Grant:	0	0	0	14	54	75	61	54	43	14	2	0	0	1	3	321
Patents By Year of Application:	19	23	42	81	70	52	27	3	1	0	2	1	0	0	0	321

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
UNIVERSITY OF IOWA RESEARCH FOUNDATION																
Patents By Year of Grant:	55	18	20	7	30	19	20	16	14	20	25	18	14	27	18	321
Patents By Year of Application:	101	27	26	20	31	19	27	17	18	16	9	5	4	1	0	321
UNIVERSITY OF SOUTHERN CALIFORNIA																
Patents By Year of Grant:	55	9	12	13	18	22	16	18	17	23	12	24	18	34	30	321
Patents By Year of Application:	86	14	26	28	20	21	30	19	19	14	18	14	7	5	0	321
DONALDSON COMPANY, INC.																
Patents By Year of Grant:	35	12	25	24	20	19	17	17	19	21	19	20	12	16	44	320
Patents By Year of Application:	71	29	18	15	20	21	27	30	19	21	20	9	13	7	0	320
MILES INC.																
Patents By Year of Grant:	314	0	0	0	0	0	0	0	0	0	0	0	0	0	0	314
Patents By Year of Application:	314	0	0	0	0	0	0	0	0	0	0	0	0	0	0	314
SALK INSTITUTE FOR BIOLOGICAL STUDIES																
Patents By Year of Grant:	92	26	21	19	24	20	18	17	7	20	15	7	8	9	10	313
Patents By Year of Application:	179	16	20	22	20	13	11	4	7	7	6	5	3	0	0	313
ETHYL CORPORATION																
Patents By Year of Grant:	258	10	8	11	7	4	6	4	4	0	0	0	0	0	0	312
Patents By Year of Application:	278	9	8	4	4	8	1	0	0	0	0	0	0	0	0	312
SEPRACOR INC.																
Patents By Year of Grant:	62	15	16	33	33	49	19	13	11	19	9	10	9	10	3	311
Patents By Year of Application:	97	30	28	40	33	24	14	15	7	10	3	5	5	0	0	311
GEN-PROBE INCORPORATED																
Patents By Year of Grant:	63	39	22	14	11	5	17	9	10	17	14	18	20	25	26	310
Patents By Year of Application:	144	7	5	20	20	13	17	11	12	16	21	8	9	6	1	310
OLIN CORPORATION																
Patents By Year of Grant:	265	10	9	4	4	4	2	5	5	1	1	0	0	0	0	310
Patents By Year of Application:	284	5	4	3	8	1	3	2	0	0	0	0	0	0	0	310
RUTGERS UNIVERSITY																
Patents By Year of Grant:	62	15	24	18	16	25	14	17	14	24	19	21	8	16	17	310
Patents By Year of Application:	104	17	29	26	25	20	23	20	15	10	11	2	6	2	0	310
SABIC Innovative Plastics, IP BV																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	28	89	115	76	310
Patents By Year of Application:	0	0	0	0	2	2	6	33	54	55	84	61	10	3	0	310

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

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
GENZYME CORPORATION																
Patents By Year of Grant:	41	20	23	16	13	15	12	17	20	32	21	16	21	25	16	308
Patents By Year of Application:	107	10	14	18	17	29	32	27	20	13	9	7	3	2	0	308
NEUROGEN CORPORATION																
Patents By Year of Grant:	55	22	24	28	38	39	20	13	17	19	15	8	3	5	2	308
Patents By Year of Application:	98	20	36	43	37	19	23	13	10	6	3	0	0	0	0	308
NIKON CORPORATION																
Patents By Year of Grant:	49	18	35	35	41	32	31	22	6	5	2	4	5	9	12	306
Patents By Year of Application:	103	33	41	47	27	18	9	1	9	9	3	2	3	1	0	306
SANOFI-AVENTIS																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	13	26	32	49	43	74	69	306
Patents By Year of Application:	0	1	0	3	7	26	28	7	29	44	59	60	36	5	1	306
HITACHI METALS LTD.																
Patents By Year of Grant:	102	17	19	11	11	17	15	10	8	5	6	7	16	32	29	305
Patents By Year of Application:	139	13	13	15	17	16	7	16	20	17	17	7	5	3	0	305
SHISEIDO CO., LTD.																
Patents By Year of Grant:	89	33	26	27	24	17	19	7	6	7	8	10	5	9	18	305
Patents By Year of Application:	148	35	25	19	15	19	14	7	11	2	5	3	2	0	0	305
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	0	1	3	16	48	51	34	25	15	18	14	15	15	19	31	305
Patents By Year of Application:	10	19	49	49	35	22	21	24	14	26	10	16	6	4	0	305
TAKASAGO INTERNATIONAL CORPORATION																
Patents By Year of Grant:	88	31	24	17	22	24	13	15	11	13	5	6	12	9	15	305
Patents By Year of Application:	140	20	24	13	26	20	13	16	10	13	4	2	2	1	1	305
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION																
Patents By Year of Grant:	61	22	31	14	19	20	16	19	14	17	4	7	16	23	21	304
Patents By Year of Application:	136	16	20	20	29	18	15	13	16	8	7	2	2	1	1	304
UNIVERSITY OF FLORIDA																
Patents By Year of Grant:	117	20	21	34	29	12	18	13	15	14	5	2	3	1	0	304
Patents By Year of Application:	184	26	17	13	28	16	11	5	2	0	2	0	0	0	0	304
ADVANCED CARDIOVASCULAR SYSTEMS, INC.																
Patents By Year of Grant:	10	2	1	2	4	7	26	19	15	20	30	35	27	56	48	302
Patents By Year of Application:	15	2	10	21	27	41	40	37	33	31	16	17	8	4	0	302

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
BAUSCH & LOMB, INC.																
Patents By Year of Grant:	69	7	17	9	16	13	22	20	22	30	14	10	21	15	17	302
Patents By Year of Application:	91	20	10	26	28	16	21	20	22	18	11	15	4	0	0	302
DANA-FARBER CANCER INSTITUTE, INC.																
Patents By Year of Grant:	66	31	21	14	14	17	11	10	13	21	16	16	13	22	17	302
Patents By Year of Application:	152	17	12	13	16	30	9	13	11	11	10	6	2	0	0	302
FORD MOTOR COMPANY																
Patents By Year of Grant:	219	18	19	14	5	0	4	5	5	2	2	3	2	0	3	301
Patents By Year of Application:	254	15	6	1	8	2	5	4	3	1	1	0	1	0	0	301
EQUISTAR CHEMICALS, LP																
Patents By Year of Grant:	0	0	6	14	36	24	28	39	41	34	11	16	18	22	11	300
Patents By Year of Application:	13	6	29	26	32	48	45	22	29	17	14	9	8	2	0	300
CYTEC TECHNOLOGY CORP.																
Patents By Year of Grant:	97	48	23	34	25	13	14	12	5	3	4	5	2	4	8	297
Patents By Year of Application:	195	23	20	12	17	5	5	7	1	1	2	6	0	3	0	297
ETHICON, INC.																
Patents By Year of Grant:	45	17	14	19	16	27	24	16	12	20	19	11	15	23	19	297
Patents By Year of Application:	81	28	26	25	21	30	19	21	18	11	9	5	1	2	0	297
UNIVERSITY OF SOUTH FLORIDA																
Patents By Year of Grant:	30	11	10	14	8	13	7	18	9	18	14	20	25	48	52	297
Patents By Year of Application:	60	12	11	17	16	19	22	27	29	25	29	15	5	9	1	297
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V																
Patents By Year of Grant:	48	18	31	17	13	15	30	13	13	21	8	12	21	19	16	295
Patents By Year of Application:	121	17	18	32	26	16	18	15	9	9	5	1	6	2	0	295
SUMITOMO METAL INDUSTRIES CO., LTD.																
Patents By Year of Grant:	71	15	18	28	21	28	16	12	10	8	6	12	9	22	18	294
Patents By Year of Application:	104	26	22	30	19	7	18	13	21	6	10	12	3	3	0	294
BASELL POLYOLEFINE GMBH																
Patents By Year of Grant:	0	0	0	0	5	30	27	28	34	32	20	21	36	39	21	293
Patents By Year of Application:	9	4	13	32	41	44	50	33	27	19	12	9	0	0	0	293
KUREHA KAGAKU KOGYO K.K.																
Patents By Year of Grant:	146	17	4	9	9	10	11	6	4	9	11	1	14	25	17	293
Patents By Year of Application:	173	4	15	14	12	13	11	16	14	10	7	2	2	0	0	293

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
CENTRAL GLASS COMPANY, LIMITED																
Patents By Year of Grant:	70	16	11	13	24	25	17	14	7	18	11	18	16	13	18	291
Patents By Year of Application:	108	10	14	25	24	20	13	25	11	17	12	9	1	2	0	291
EMORY UNIVERSITY																
Patents By Year of Grant:	54	31	24	16	15	26	20	16	10	17	13	10	10	20	9	291
Patents By Year of Application:	126	14	21	30	17	19	17	16	6	14	6	3	2	0	0	291
PRINCETON UNIVERSITY																
Patents By Year of Grant:	42	12	15	16	18	27	21	16	18	9	14	17	21	17	27	290
Patents By Year of Application:	82	19	24	20	25	25	21	12	17	19	6	15	3	2	0	290
ROCHE DIAGNOSTICS GMBH																
Patents By Year of Grant:	0	0	20	38	68	41	37	25	14	12	16	7	5	3	1	287
Patents By Year of Application:	78	46	43	57	25	15	11	3	5	2	1	1	0	0	0	287
TAKEDA PHARMACEUTICAL COMPANY LIMITED																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	10	42	44	36	46	53	56	287
Patents By Year of Application:	0	0	5	11	31	35	44	43	38	24	22	13	14	4	3	287
SAMSUNG ELECTRO-MECHANICS CO., LTD.																
Patents By Year of Grant:	10	8	6	0	5	8	14	16	13	19	15	23	41	59	49	286
Patents By Year of Application:	24	0	4	5	14	18	21	22	25	47	45	31	24	6	0	286
GUARDIAN INDUSTRIES CORPORATION																
Patents By Year of Grant:	13	3	1	4	11	29	33	31	22	25	13	10	29	30	31	285
Patents By Year of Application:	18	2	17	21	46	30	34	30	24	24	17	10	8	3	1	285
NATIONAL RESEARCH COUNCIL OF CANADA																
Patents By Year of Grant:	60	10	21	16	14	9	22	19	3	15	25	20	15	23	13	285
Patents By Year of Application:	90	16	26	17	24	20	21	23	15	22	7	3	1	0	0	285
ROUSSEL-UCLAF																
Patents By Year of Grant:	236	39	8	0	0	0	0	0	0	0	0	0	0	0	0	283
Patents By Year of Application:	283	0	0	0	0	0	0	0	0	0	0	0	0	0	0	283
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	77	37	32	26	21	25	34	6	14	2	2	3	2	0	1	282
Patents By Year of Application:	139	28	29	43	22	9	9	2	1	0	0	0	0	0	0	282
ROCHE DIAGNOSTICS OPERATIONS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	6	11	16	29	24	49	71	76	282
Patents By Year of Application:	0	0	0	2	19	21	29	44	39	36	31	33	19	7	2	282

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
NIPPON ZEON CO., LTD.																
Patents By Year of Grant:	151	21	20	26	20	22	9	10	0	0	1	1	0	0	0	281
Patents By Year of Application:	198	24	22	23	10	2	0	2	0	0	0	0	0	0	0	281
AU OPTRONICS CORP.																
Patents By Year of Grant:	0	0	0	0	0	4	10	14	21	21	29	36	37	69	38	279
Patents By Year of Application:	0	0	0	1	10	11	38	24	38	48	38	34	20	16	1	279
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH																
Patents By Year of Grant:	29	10	14	10	13	12	15	16	16	17	18	23	18	42	25	278
Patents By Year of Application:	59	18	14	19	22	28	19	15	18	22	11	17	6	9	1	278
MORTON INTERNATIONAL, INC.																
Patents By Year of Grant:	146	35	39	29	19	9	0	1	0	0	0	0	0	0	0	278
Patents By Year of Application:	213	35	25	1	4	0	0	0	0	0	0	0	0	0	0	278
UNIVATION TECHNOLOGIES, LLC, (US)																
Patents By Year of Grant:	0	0	2	7	26	24	36	28	49	25	23	10	13	16	19	278
Patents By Year of Application:	6	16	26	32	36	27	42	22	29	8	16	9	6	3	0	278
BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG																
Patents By Year of Grant:	0	0	0	7	22	34	36	35	27	27	23	18	16	21	9	275
Patents By Year of Application:	0	1	22	36	38	48	67	13	21	13	7	6	2	1	0	275
BAYER CROPSOURCE AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	4	8	26	33	30	36	55	82	274
Patents By Year of Application:	0	0	0	2	15	35	48	34	36	45	29	15	10	5	0	274
BOC GROUP, INC.																
Patents By Year of Grant:	101	20	22	17	14	25	17	12	13	15	7	5	5	0	1	274
Patents By Year of Application:	144	16	21	25	20	16	11	10	4	7	0	0	0	0	0	274
MITSUBISHI KASEI CORP.																
Patents By Year of Grant:	268	3	1	1	0	0	0	0	0	0	0	0	0	0	0	273
Patents By Year of Application:	273	0	0	0	0	0	0	0	0	0	0	0	0	0	0	273
BETZ LABORATORIES INC.																
Patents By Year of Grant:	272	0	0	0	0	0	0	0	0	0	0	0	0	0	0	272
Patents By Year of Application:	272	0	0	0	0	0	0	0	0	0	0	0	0	0	0	272
ONO PHARMACEUTICAL COMPANY, LIMITED																
Patents By Year of Grant:	64	10	9	9	14	18	17	10	10	12	20	17	20	24	18	272
Patents By Year of Application:	83	13	9	23	23	26	27	27	19	7	7	4	1	3	0	272

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

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

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
THERAVANCE, INC.																
Patents By Year of Grant:	0	0	0	0	0	6	13	11	18	23	25	32	43	46	44	261
Patents By Year of Application:	0	0	6	10	11	14	14	27	41	37	42	32	14	11	2	261
Sanofi-Aventis Deutschland GmbH																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	34	59	51	42	42	32	260
Patents By Year of Application:	2	0	0	2	6	11	54	65	25	32	36	13	13	1	0	260
CONOCOPHILLIPS COMPANY																
Patents By Year of Grant:	0	0	0	0	0	0	21	31	41	41	24	27	23	18	32	258
Patents By Year of Application:	1	0	1	9	23	66	46	27	23	15	10	20	12	4	1	258
INTERNATIONAL PAPER CO.																
Patents By Year of Grant:	90	23	19	13	14	8	13	5	4	7	4	8	9	23	18	258
Patents By Year of Application:	144	13	9	8	10	9	14	7	2	14	10	7	8	3	0	258
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	0	0	0	0	0	7	26	24	22	24	31	20	27	42	35	258
Patents By Year of Application:	0	0	0	13	39	53	47	29	29	18	22	6	2	0	0	258
EVEREADY BATTERY COMPANY, INC.																
Patents By Year of Grant:	68	8	10	13	34	14	15	10	9	3	4	10	16	25	18	257
Patents By Year of Application:	95	22	23	17	17	9	11	14	6	10	19	7	3	4	0	257
KANEGAFUCHI CHEMICAL INDUSTRY CO., LTD.																
Patents By Year of Grant:	189	31	18	12	3	2	1	1	0	0	0	0	0	0	0	257
Patents By Year of Application:	246	8	1	0	2	0	0	0	0	0	0	0	0	0	0	257
NIPPON OIL COMPANY LTD.																
Patents By Year of Grant:	190	34	19	13	1	0	0	0	0	0	0	0	0	0	0	257
Patents By Year of Application:	248	9	0	0	0	0	0	0	0	0	0	0	0	0	0	257
GOLDSCHMIDT GBMH																
Patents By Year of Grant:	94	12	17	10	25	15	16	10	8	11	10	10	12	6	0	256
Patents By Year of Application:	124	13	20	16	18	13	17	11	8	11	5	0	0	0	0	256
HAYASHIBARA BIOCHEMICAL LABORATORIES INCORPORATED																
Patents By Year of Grant:	66	28	39	17	17	13	12	8	3	8	12	7	7	13	6	256
Patents By Year of Application:	145	18	16	14	17	13	9	8	5	6	5	0	0	0	0	256
UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION																
Patents By Year of Grant:	31	11	16	17	16	24	14	12	15	15	11	16	18	23	16	255
Patents By Year of Application:	65	16	19	21	30	19	16	20	11	15	8	7	4	3	1	255

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
THE CLOROX COMPANY																
Patents By Year of Grant:	75	24	18	17	14	13	4	2	5	8	9	14	19	16	12	250
Patents By Year of Application:	124	14	15	8	8	2	7	12	10	10	13	18	4	5	0	250
BOEHRINGER INGELHEIM PHARMACEUTICALS, INC.																
Patents By Year of Grant:	31	8	7	12	16	27	24	22	23	16	21	12	19	6	3	247
Patents By Year of Application:	47	10	11	27	27	36	34	21	21	7	3	2	1	0	0	247
HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	13	12	20	25	28	22	42	46	39	247
Patents By Year of Application:	0	1	1	4	11	16	38	42	56	24	30	13	8	3	0	247
BAYER MATERIALSCIENCE AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	6	26	33	34	37	60	50	246
Patents By Year of Application:	0	0	1	1	2	3	15	53	54	30	43	26	13	5	0	246
GLAXO WELLCOME INC.																
Patents By Year of Grant:	53	39	47	43	51	5	1	2	2	2	1	0	0	0	0	246
Patents By Year of Application:	167	34	24	20	0	0	1	0	0	0	0	0	0	0	0	246
METSO PAPER, INC.																
Patents By Year of Grant:	0	0	0	0	3	37	24	30	27	21	21	27	15	21	20	246
Patents By Year of Application:	1	0	6	32	45	49	45	20	23	17	6	2	0	0	0	246
WESTVACO CORPORATION																
Patents By Year of Grant:	137	25	21	27	16	15	5	0	0	0	0	0	0	0	0	246
Patents By Year of Application:	184	20	22	13	5	2	0	0	0	0	0	0	0	0	0	246
SUNTORY LTD.																
Patents By Year of Grant:	94	19	27	21	25	13	11	9	5	6	6	5	4	0	0	245
Patents By Year of Application:	161	11	26	17	13	7	6	1	2	1	0	0	0	0	0	245
KODAK POLYCHROME GRAPHICS, LLC																
Patents By Year of Grant:	0	7	24	22	29	40	46	34	39	3	0	0	0	0	0	244
Patents By Year of Application:	34	18	39	50	37	41	21	3	1	0	0	0	0	0	0	244
KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY																
Patents By Year of Grant:	56	15	21	27	25	17	9	15	11	6	5	7	2	13	15	244
Patents By Year of Application:	91	23	22	23	18	12	12	8	10	5	12	1	7	0	0	244
LOUISIANA STATE UNIVERSITY																
Patents By Year of Grant:	69	30	13	15	19	15	13	6	11	8	10	11	4	8	12	244
Patents By Year of Application:	117	16	20	15	16	16	11	6	13	6	5	2	0	1	0	244

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
ROHM COMPANY LIMITED																
Patents By Year of Grant:	61	11	5	14	17	18	14	16	10	19	17	17	7	10	8	244
Patents By Year of Application:	80	13	18	19	11	22	18	26	14	11	3	8	1	0	0	244
CHEVRON PHILLIPS CHEMICAL COMPANY LP																
Patents By Year of Grant:	0	0	0	0	6	10	16	16	14	31	27	22	32	32	37	243
Patents By Year of Application:	3	1	4	18	20	15	33	37	32	24	27	6	17	6	0	243
NIPPON KAYAKU KABUSHIKI KAISHA																
Patents By Year of Grant:	71	11	8	13	14	15	7	10	5	13	6	14	17	18	21	243
Patents By Year of Application:	92	9	16	12	15	20	12	19	16	13	9	7	3	0	0	243
WINBOND ELECTRONICS CORP.																
Patents By Year of Grant:	21	18	36	27	40	33	18	22	8	6	3	2	5	1	2	242
Patents By Year of Application:	70	40	29	29	22	25	11	5	5	0	2	2	2	0	0	242
YOKOHAMA RUBBER CO., LTD.																
Patents By Year of Grant:	46	5	10	19	14	17	22	14	13	8	7	7	12	23	25	242
Patents By Year of Application:	65	20	19	21	16	17	16	14	8	8	17	15	6	0	0	242
AGERE SYSTEMS INC.																
Patents By Year of Grant:	0	0	0	0	7	17	53	43	20	24	19	15	18	13	12	241
Patents By Year of Application:	3	3	22	33	45	31	28	23	10	15	14	7	4	3	0	241
MILLIPORE CORPORATION																
Patents By Year of Grant:	67	8	9	8	5	8	7	8	9	17	16	11	16	24	28	241
Patents By Year of Application:	88	5	8	14	12	22	15	21	18	12	7	10	5	4	0	241
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	11	2	7	8	17	11	19	15	8	12	12	24	15	42	37	240
Patents By Year of Application:	27	13	6	22	21	25	17	15	10	29	20	12	18	4	1	240
SHINKO ELECTRIC INDUSTRIES CO., LTD.																
Patents By Year of Grant:	18	5	10	5	8	8	9	18	12	16	26	20	18	35	32	240
Patents By Year of Application:	32	6	9	10	5	17	22	21	35	26	16	25	11	5	0	240
HITACHI MAXELL, LTD.																
Patents By Year of Grant:	62	9	17	17	6	10	9	9	15	13	16	16	14	18	8	239
Patents By Year of Application:	95	13	7	10	15	12	26	20	16	13	4	6	2	0	0	239
KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO																
Patents By Year of Grant:	62	13	18	18	18	18	12	16	7	8	8	9	8	10	14	239
Patents By Year of Application:	94	20	22	16	16	23	14	8	6	6	5	8	1	0	0	239

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
NORTHROP GRUMMAN CORPORATION																
Patents By Year of Grant:	40	32	29	23	17	8	17	14	10	19	7	9	10	4	0	239
Patents By Year of Application:	104	21	18	15	13	13	18	19	6	11	0	1	0	0	0	239
SRI INTERNATIONAL																
Patents By Year of Grant:	87	17	17	19	18	13	13	12	4	12	2	5	4	4	11	238
Patents By Year of Application:	129	12	24	8	23	9	6	7	2	5	5	6	2	0	0	238
AKZO N.V.																
Patents By Year of Grant:	235	0	0	1	1	0	0	0	0	0	0	0	0	0	0	237
Patents By Year of Application:	236	1	0	0	0	0	0	0	0	0	0	0	0	0	0	237
BRISTOL-MYERS SQUIBB PHARMA COMPANY																
Patents By Year of Grant:	0	0	0	0	2	41	49	44	40	23	14	16	4	4	0	237
Patents By Year of Application:	2	6	18	37	59	43	26	19	7	8	7	4	1	0	0	237
SANOFI, S.A.																
Patents By Year of Grant:	150	42	32	10	2	1	0	0	0	0	0	0	0	0	0	237
Patents By Year of Application:	218	17	2	0	0	0	0	0	0	0	0	0	0	0	0	237
TODA KOGYO CORP.																
Patents By Year of Grant:	68	6	12	28	20	28	19	21	6	7	6	4	3	5	4	237
Patents By Year of Application:	91	21	22	27	22	27	5	7	3	7	2	2	1	0	0	237
UNIVERSITY OF NEBRASKA, THE BOARD OF REGENTS OF																
Patents By Year of Grant:	65	14	18	22	13	15	10	16	5	13	10	12	6	14	4	237
Patents By Year of Application:	109	19	19	20	15	12	13	10	6	5	5	2	1	1	0	237
CHESEBROUGH-POND'S USA CO., DIVISION OF CONOPCO, INC.																
Patents By Year of Grant:	153	35	18	19	7	0	2	1	1	0	0	0	0	0	0	236
Patents By Year of Application:	203	22	7	3	1	0	0	0	0	0	0	0	0	0	0	236
MEIJI SEIKA KAISHA LTD.																
Patents By Year of Grant:	56	12	10	11	17	26	7	12	8	18	11	8	13	15	12	236
Patents By Year of Application:	75	16	20	25	20	26	15	7	7	10	4	8	3	0	0	236
PURDUE RESEARCH FOUNDATION																
Patents By Year of Grant:	49	17	13	5	9	18	13	11	14	12	15	6	17	19	18	236
Patents By Year of Application:	81	9	13	24	14	27	19	12	14	7	11	2	3	0	0	236
CHURCH + DWIGHT CO., INC.																
Patents By Year of Grant:	148	19	23	9	6	10	4	3	0	2	2	2	0	3	4	235
Patents By Year of Application:	190	14	4	3	9	5	2	2	1	1	3	1	0	0	0	235

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
ILLINOIS TOOL WORKS INC.																
Patents By Year of Grant:	32	7	15	8	17	17	19	19	12	17	12	13	15	18	14	235
Patents By Year of Application:	54	15	15	20	22	18	19	28	16	11	10	6	1	0	0	235
MCNEIL-PPC, INC.																
Patents By Year of Grant:	80	16	21	20	12	16	10	10	4	8	9	6	2	10	10	234
Patents By Year of Application:	124	18	22	9	15	14	13	6	3	7	2	0	1	0	0	234
SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A.																
Patents By Year of Grant:	54	10	12	14	13	21	9	14	10	8	7	9	10	21	20	232
Patents By Year of Application:	79	7	15	18	24	21	16	11	12	10	11	7	0	1	0	232
VLSI TECHNOLOGY, INC.																
Patents By Year of Grant:	93	29	45	37	21	7	0	0	0	0	0	0	0	0	0	232
Patents By Year of Application:	180	26	21	5	0	0	0	0	0	0	0	0	0	0	0	232
IBIDEN CO., LTD.																
Patents By Year of Grant:	22	4	3	5	13	9	5	1	11	6	4	18	27	45	58	231
Patents By Year of Application:	36	0	12	7	13	8	16	11	21	34	37	25	5	6	0	231
BAYLOR COLLEGE OF MEDICINE																
Patents By Year of Grant:	46	27	18	24	12	16	15	10	6	12	11	14	5	9	5	230
Patents By Year of Application:	127	12	10	19	10	13	12	14	5	4	4	0	0	0	0	230
CORIXA CORPORATION																
Patents By Year of Grant:	1	5	8	5	19	32	41	22	19	17	13	10	9	7	22	230
Patents By Year of Application:	28	32	29	51	26	14	10	6	4	10	16	1	3	0	0	230
JAPAN SCIENCE AND TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	3	8	17	11	25	26	24	37	21	27	25	3	2	1	230
Patents By Year of Application:	15	19	13	39	60	50	17	5	5	3	4	0	0	0	0	230
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	76	16	11	13	5	2	3	5	6	4	15	31	11	15	16	229
Patents By Year of Application:	107	11	4	2	3	5	14	9	24	14	19	11	5	1	0	229
WELLA AG																
Patents By Year of Grant:	34	6	17	18	11	22	21	22	9	23	8	17	13	7	1	229
Patents By Year of Application:	58	18	14	20	27	42	12	25	11	1	0	1	0	0	0	229
FIRMENICH SA																
Patents By Year of Grant:	60	10	8	11	13	13	9	14	9	11	14	8	13	17	18	228
Patents By Year of Application:	77	12	10	15	11	21	11	13	8	18	22	5	5	0	0	228

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

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

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
UNIVERSITY OF ARKANSAS																
Patents By Year of Grant:	33	6	16	8	17	10	21	6	13	19	12	10	14	20	19	224
Patents By Year of Application:	64	13	8	21	18	21	19	10	15	10	13	4	6	2	0	224
B. F. GOODRICH CO.																
Patents By Year of Grant:	157	14	15	13	14	6	3	0	1	0	0	0	0	0	0	223
Patents By Year of Application:	193	10	15	3	0	1	1	0	0	0	0	0	0	0	0	223
GEORGIA TECH RESEARCH CORP.																
Patents By Year of Grant:	51	4	9	17	11	9	14	8	12	14	13	14	9	18	20	223
Patents By Year of Application:	73	12	10	13	13	15	21	16	13	15	11	8	2	1	0	223
SYNGENTA CROP PROTECTION, INC.																
Patents By Year of Grant:	0	0	0	0	21	29	17	19	22	15	19	10	21	24	26	223
Patents By Year of Application:	3	5	15	33	19	43	38	17	21	14	7	4	3	1	0	223
NISSHINBO INDUSTRIES, INC.																
Patents By Year of Grant:	47	14	20	24	22	19	21	16	16	7	7	4	0	4	1	222
Patents By Year of Application:	85	20	28	26	25	15	12	5	2	2	1	0	1	0	0	222
LEXMARK INTERNATIONAL, INC.																
Patents By Year of Grant:	30	10	26	18	18	19	16	12	10	11	7	15	8	10	11	221
Patents By Year of Application:	62	22	18	15	20	14	12	19	18	6	10	4	1	0	0	221
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.																
Patents By Year of Grant:	60	13	10	18	17	17	9	8	11	5	6	7	12	14	14	221
Patents By Year of Application:	93	14	23	18	13	4	12	12	13	4	7	5	2	1	0	221
BOSTON SCIENTIFIC SCIMED, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	1	1	9	17	15	30	34	52	60	219
Patents By Year of Application:	0	0	0	3	9	21	32	50	33	25	24	9	11	2	0	219
S.O.I. TEC SILICON ON INSULATOR TECHNOLOGIES S.A.																
Patents By Year of Grant:	0	0	0	0	0	2	1	4	23	33	33	30	36	29	28	219
Patents By Year of Application:	0	0	0	3	1	4	36	37	45	36	29	17	7	4	0	219
UAB RESEARCH FOUNDATION																
Patents By Year of Grant:	26	14	21	19	16	17	28	21	11	7	13	3	7	7	9	219
Patents By Year of Application:	83	11	22	29	23	20	8	7	4	3	6	1	0	2	0	219
VANDERBILT UNIVERSITY																
Patents By Year of Grant:	26	11	12	16	17	17	17	16	10	16	11	12	13	11	14	219
Patents By Year of Application:	57	22	25	18	21	19	14	12	13	5	6	6	1	0	0	219

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
MITSUI MINING + SMELTING CO., LTD.																
Patents By Year of Grant:	30	11	21	14	11	17	29	20	10	10	10	6	5	11	13	218
Patents By Year of Application:	57	21	11	17	34	21	22	9	13	1	4	4	3	1	0	218
JAPAN TOBACCO INC.																
Patents By Year of Grant:	50	14	13	16	14	11	8	6	6	9	25	9	7	11	18	217
Patents By Year of Application:	81	15	17	15	13	15	18	12	11	5	7	3	2	3	0	217
FERRO CORPORATION																
Patents By Year of Grant:	82	9	9	10	9	10	16	12	6	13	10	2	8	13	6	215
Patents By Year of Application:	102	10	9	11	14	10	23	8	10	8	5	1	4	0	0	215
VALENCE TECHNOLOGY, INC.																
Patents By Year of Grant:	78	28	16	14	10	10	9	10	10	8	5	4	3	5	4	214
Patents By Year of Application:	131	14	7	12	11	12	5	8	5	6	1	2	0	0	0	214
MERCK SHARP & DOHME CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	99	114	213
Patents By Year of Application:	0	0	0	1	1	0	1	22	40	61	33	15	24	14	1	213
Evonik Degussa GmbH																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	11	30	77	94	212
Patents By Year of Application:	0	0	0	0	0	8	19	23	36	41	34	25	14	11	1	212
MEMC ELECTRONIC MATERIALS, INC.																
Patents By Year of Grant:	24	16	20	10	32	24	23	12	13	9	7	7	4	3	8	212
Patents By Year of Application:	54	23	29	24	21	18	11	7	11	1	6	5	1	1	0	212
INTERUNIVERSITAIR MICRO-ELEKTRONICA CENTRUM (IMEC VZW)																
Patents By Year of Grant:	7	3	3	8	12	12	19	10	11	8	16	20	21	30	31	211
Patents By Year of Application:	19	8	11	13	19	9	12	20	30	28	19	14	7	2	0	211
LES LABORATOIRES SERVIER																
Patents By Year of Grant:	0	0	0	0	0	15	29	22	10	19	35	28	18	6	29	211
Patents By Year of Application:	0	0	2	14	24	40	21	30	20	23	15	9	11	2	0	211
VOITH PAPER PATENT GMBH																
Patents By Year of Grant:	0	0	0	0	0	9	21	19	19	16	11	17	21	38	40	211
Patents By Year of Application:	0	0	0	3	39	23	26	25	23	25	23	12	8	3	1	211
ADVANCED SEMICONDUCTOR ENGINEERING, INC.																
Patents By Year of Grant:	0	0	0	0	13	17	11	17	15	30	24	23	23	24	13	210
Patents By Year of Application:	0	0	8	15	15	15	21	43	31	26	10	17	7	1	1	210

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
CYPRESS SEMICONDUCTOR CORP.																
Patents By Year of Grant:	16	10	8	10	11	12	24	32	26	13	12	11	3	4	11	203
Patents By Year of Application:	47	12	11	20	25	44	5	15	8	6	5	4	1	0	0	203
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	20	11	10	20	18	19	20	8	9	9	9	9	8	14	19	203
Patents By Year of Application:	45	18	15	31	12	16	10	15	11	9	13	6	2	0	0	203
LINTEC CORPORATION																
Patents By Year of Grant:	24	9	12	11	13	9	15	18	18	10	10	9	7	18	20	203
Patents By Year of Application:	49	15	10	7	24	19	17	15	20	6	9	6	5	1	0	203
SCHOTT GLASWERKE																
Patents By Year of Grant:	62	9	10	13	16	17	16	24	19	11	2	3	0	1	0	203
Patents By Year of Application:	85	13	17	26	22	28	7	4	1	0	0	0	0	0	0	203
TOKUYAMA CORPORATION																
Patents By Year of Grant:	28	19	15	10	8	13	10	17	15	11	7	8	7	13	22	203
Patents By Year of Application:	58	14	10	10	19	28	18	16	13	7	6	4	0	0	0	203
SCHOTT AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	4	33	31	25	36	38	35	202
Patents By Year of Application:	0	0	0	5	9	35	37	27	34	17	20	9	6	3	0	202
BETZDEARBORN INC.																
Patents By Year of Grant:	60	46	40	30	15	7	2	0	1	0	0	0	0	0	0	201
Patents By Year of Application:	138	37	17	6	2	1	0	0	0	0	0	0	0	0	0	201
ELAN PHARMACEUTICALS, INC.																
Patents By Year of Grant:	0	0	5	9	12	14	16	7	12	21	26	20	20	26	13	201
Patents By Year of Application:	17	10	14	17	18	24	24	20	22	15	8	6	5	1	0	201
MERRELL DOW PHARMACEUTICALS																
Patents By Year of Grant:	201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	201
Patents By Year of Application:	201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	201
UNION OIL COMPANY OF CALIFORNIA																
Patents By Year of Grant:	169	10	5	9	1	1	1	2	1	1	1	0	0	0	0	201
Patents By Year of Application:	186	8	1	1	0	1	2	0	1	1	0	0	0	0	0	201
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	30	14	18	21	29	15	16	12	11	14	9	5	1	1	4	200
Patents By Year of Application:	64	35	18	19	14	12	17	9	6	2	3	1	0	0	0	200

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
WILSON GREATBATCH LTD.																
Patents By Year of Grant:	36	11	8	21	18	20	30	22	2	0	3	5	6	13	5	200
Patents By Year of Application:	60	19	17	23	47	3	2	6	8	9	3	1	0	2	0	200
Other Organizations (52852)																
Patents By Year of Grant:	70083	16490	17355	16940	18157	18253	17248	15513	12444	14042	13534	13215	14846	21527	23130	302777
Patents By Year of Application:	110850	17361	19329	20681	21779	21671	18723	16607	14800	13914	11799	8042	4749	2264	208	302777