

TECHNOLOGY ASSESSMENT AND FORECAST REPORT

CHEMICAL CLASSES

1/1993 – 12/2012



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

Technology Profile Report - CHEMICAL Classes

Explanation of Data

This Technology Profile Report profiles the patent activity for U.S. utility patents granted between **1993** and **December 2012** 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 1999**" column, correspond to selected patents in the database which were granted during the period **1993 to 1998**.

Part B

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

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

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

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

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

"Patents Granted By Date of Patent Application", as shown in the "**Pre 1999**" column, correspond to patent grants in the report which were filed prior to **1999**.

Parts of the Report

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

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

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

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

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

CHEMICAL, ELECTRICAL, MECHANICAL CLASSES

DECEMBER 2012

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

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

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

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

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

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

TECHNOLOGY ASSESSMENT AND FORECAST PROGRAM TECHNOLOGY DISCIPLINES FOR
U.S. PATENT CLASSIFICATION SYSTEM CLASSES AS OF DECEMBER 2012
CHEMICAL, ELECTRICAL, MECHANICAL

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

*8/147-159 are mechanical

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

*84/600-746 are electrical

*118/47, 715-733 are chemical

*131/274-279 are chemical

*134/1-42 are chemical

*156/349-584 are mechanical

*204/157.2-157.22 are electrical

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

*210/348-540 are mechanical

*244/3.1-3.14 are electrical

*346/139R-145 are mechanical

*347/1-109 are mechanical

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

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

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

*378/167-209 are mechanical

*385/53-99 are mechanical

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

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

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

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

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

*604/20-21 are electrical

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

*726/35 is mechanical

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

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

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

*984/300-398 are electrical

Part A1

Patent Grants as Distributed By Year of Patent Grant

----- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1993 - Dec 31, 2012) -----																
	----- NUMBER OF PATENTS -----															
	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Total	192652	43071	42226	45617	44940	42556	38123	30285	33848	31984	30784	33129	45725	46133	49325	750398
U.S. Origin	101876	22940	22142	23380	22896	21691	18946	15514	17220	16220	15089	16166	21836	21635	23105	380656
Foreign Origin	90776	20131	20084	22237	22044	20865	19177	14771	16628	15764	15695	16963	23889	24498	26220	369742
JAPAN	39340	7796	7684	8261	8436	8152	7772	5801	6345	5979	5868	6343	8865	9216	9485	145343
GERMANY	15448	3066	3103	3435	3386	3311	2976	2214	2433	2190	2058	2076	3094	2964	3392	55146
FRANCE	6362	1432	1360	1483	1426	1352	984	838	939	974	914	902	1303	1370	1495	23134
KOREA, SOUTH	2044	742	785	938	1051	1035	1093	943	1184	1224	1424	1783	2423	2449	2323	21441
UNITED KINGDOM	5778	1372	1254	1348	1247	1155	981	796	883	900	795	768	1158	1097	1249	20781
TAIWAN	2031	910	1261	1549	1146	972	1015	756	846	731	803	841	1089	1154	1305	16409
CANADA	3614	902	891	936	927	819	736	556	691	628	650	716	908	944	1034	14952
ITALY	2645	500	491	526	524	452	399	309	346	314	338	357	533	506	546	8786
SWITZERLAND	2583	506	445	499	469	406	386	295	334	295	287	321	507	518	550	8401
NETHERLANDS	1697	428	413	437	443	442	390	293	275	315	302	328	442	488	466	7159
BELGIUM	1642	387	401	414	442	350	315	234	290	260	230	279	386	406	407	6443
SWEDEN	1251	353	324	405	396	340	280	218	245	239	261	229	335	352	382	5610
AUSTRALIA	817	228	181	274	239	190	202	176	215	168	186	206	275	326	309	3992
ISRAEL	701	193	185	196	240	249	171	145	197	174	203	246	288	291	331	3810
DENMARK	771	259	232	232	199	221	141	138	150	141	138	141	245	258	273	3539
INDIA	192	90	102	132	188	230	210	198	231	195	201	199	263	261	334	3026
FINLAND	732	168	144	193	206	185	193	136	131	107	119	125	167	137	151	2894
CHINA, PEOPLE'S REPUB	161	37	48	59	80	77	97	72	108	139	130	211	354	409	638	2620
AUSTRIA	614	153	119	173	164	129	128	88	107	100	94	106	167	164	194	2500
SINGAPORE	125	50	89	126	171	157	119	96	104	97	91	105	168	202	235	1935
SPAIN	336	75	68	73	94	88	69	70	81	80	93	102	131	140	184	1684
RUSSIAN FEDERATION	244	76	74	84	82	64	55	55	45	62	48	60	95	77	63	1184
NORWAY	226	55	67	61	59	66	73	52	48	55	61	62	81	94	87	1147
CHINA, HONG KONG S.A.	47	12	25	30	26	34	35	43	61	66	63	67	74	68	84	735
SOUTH AFRICA	164	35	34	46	45	32	26	24	29	30	21	29	37	42	50	644
BRAZIL	85	23	28	20	26	35	31	22	38	28	26	39	70	73	58	602
NEW ZEALAND	85	34	34	26	37	35	38	16	35	31	28	38	47	55	59	598
HUNGARY	190	15	20	33	31	29	25	20	19	21	35	17	38	29	28	550
IRELAND	77	22	24	24	23	32	35	29	16	15	36	28	43	51	51	506
MEXICO	110	29	26	21	22	24	17	12	13	15	15	24	34	33	42	437
MALAYSIA	9	5	8	17	14	16	22	19	22	27	22	30	34	39	56	340
VENEZUELA	90	26	16	13	12	4	10	3	6	7	7	7	11	11	17	240
ARGENTINA	45	7	12	10	13	16	13	4	15	9	10	14	11	16	17	212
CZECH REPUBLIC	7	11	12	10	10	12	14	4	11	13	10	18	22	31	19	204
SAUDI ARABIA	8	4	6	6	4	8	7	7	8	5	7	22	23	60	183	
LUXEMBOURG	29	6	13	4	13	11	15	10	13	20	6	8	7	9	16	180
Others (98)	476	124	105	143	153	135	104	79	114	107	117	131	162	195	230	2375
Ownership:																
U.S. Corporations	95748	21604	21012	22082	21952	20665	18109	14838	16491	15612	14621	15559	20821	20734	22063	361911
U.S. Government	2289	432	341	370	298	308	330	244	285	259	253	275	373	374	347	6778
U.S. Individuals	9126	2070	1838	1999	1640	1601	1267	950	955	905	774	807	1160	1177	1267	27536
Foreign Corporations	80514	17913	18125	20104	20058	19043	17653	13748	15517	14670	14670	15938	22576	23050	24766	338345
Foreign Government	719	87	59	54	56	42	38	25	20	31	12	53	94	94	129	1513
Foreign Individuals	4256	965	851	1008	936	897	726	480	580	507	454	497	701	704	753	14315

	---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1993 - Dec 31, 2012) ----															
	----- PERCENT OF PATENTS -----															
	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	53	53	52	51	51	51	50	51	51	51	49	49	48	47	47	51
Foreign Origin	47	47	48	49	49	49	50	49	49	49	51	51	52	53	53	49
JAPAN	20	18	18	18	19	19	20	19	19	19	19	19	19	20	19	19
GERMANY	8	7	7	8	8	8	8	7	7	7	7	6	7	6	7	7
FRANCE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
KOREA, SOUTH	1	2	2	2	2	2	3	3	3	4	5	5	5	5	5	3
UNITED KINGDOM	3	3	3	3	3	3	3	3	3	3	3	2	3	2	3	3
TAIWAN	1	2	3	3	3	2	3	2	2	2	3	3	2	3	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	1	1
DENMARK		1	1	1		1							1	1	1	0
INDIA						1	1	1	1	1	1	1	1	1	1	0
FINLAND							1									0
CHINA, PEOPLE'S REPUB												1	1	1	1	0
AUSTRIA																0
SINGAPORE																0
SPAIN																0
RUSSIAN FEDERATION																0
NORWAY																0
CHINA, HONG KONG S.A.																0
SOUTH AFRICA																0
BRAZIL																0
NEW ZEALAND																0
HUNGARY																0
IRELAND																0
MEXICO																0
MALAYSIA																0
VENEZUELA																0
ARGENTINA																0
CZECH REPUBLIC																0
SAUDI ARABIA																0
LUXEMBOURG																0
Others (98)																0
Ownership:																
U.S. Corporations	50	50	50	48	49	49	48	49	49	49	47	47	46	45	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	4	4	4	4	3	3	3	3	3	2	3	3	3	4
Foreign Corporations	42	42	43	44	45	45	46	45	46	46	48	48	49	50	50	45
Foreign Government																0
Foreign Individuals	2	2	2	2	2	2	2	2	2	2	1	2	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, 1993 - Dec 31, 2012) ----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Total	294784	46512	49139	51710	51470	44553	39287	36524	35771	33112	26995	20372	13374	6077	718	750398
U.S. Origin	156699	23965	24774	24872	24371	21635	18971	17459	16897	16000	13141	10678	7293	3443	458	380656
Foreign Origin	138085	22547	24365	26838	27099	22918	20316	19065	18874	17112	13854	9694	6081	2634	260	369742
JAPAN	57278	8135	9276	10351	10142	8818	7973	7529	7059	6460	5402	3675	2248	922	75	145343
GERMANY	22718	3627	3835	4307	4356	3416	2686	2422	2337	2013	1534	968	604	296	27	55146
FRANCE	9779	1520	1711	1637	1614	1301	1120	1049	948	939	673	472	251	109	11	23134
KOREA, SOUTH	3659	930	1051	1185	1507	1563	1656	1926	2199	1929	1582	1242	709	278	25	21441
UNITED KINGDOM	8988	1419	1474	1625	1614	1216	941	783	761	734	519	329	252	109	17	20781
TAIWAN	4147	1521	999	1105	1258	1094	1026	900	958	948	850	790	548	238	27	16409
CANADA	5822	990	1056	1006	997	801	774	708	718	669	570	388	309	134	10	14952
ITALY	3794	551	550	616	648	541	456	404	394	319	231	144	83	49	6	8786
SWITZERLAND	3710	483	520	592	573	458	405	358	373	335	268	175	104	41	6	8401
NETHERLANDS	2732	469	508	591	540	498	411	336	308	321	211	134	65	31	4	7159
BELGIUM	2613	438	458	465	444	370	335	311	312	282	185	109	80	39	2	6443
SWEDEN	2163	377	437	481	437	341	272	250	277	204	162	110	58	39	2	5610
AUSTRALIA	1469	267	302	311	292	258	237	206	179	168	122	90	52	37	2	3992
ISRAEL	1195	237	289	318	277	224	253	244	242	177	131	118	62	39	4	3810
DENMARK	1371	264	240	303	236	193	170	171	182	142	88	90	56	27	6	3539
INDIA	402	114	205	297	378	346	296	204	237	208	164	98	54	21	2	3026
FINLAND	1150	182	220	248	300	197	146	125	107	87	64	33	24	11		2894
CHINA, PEOPLE'S REPUB	266	55	98	136	146	176	173	203	287	297	319	238	154	62	10	2620
AUSTRIA	981	145	172	186	202	137	118	111	122	123	94	47	42	17	3	2500
SINGAPORE	260	136	174	175	179	137	146	120	151	123	142	99	61	31	1	1935
SPAIN	517	68	94	132	139	116	112	115	120	94	83	39	36	17	2	1684
RUSSIAN FEDERATION	425	90	86	94	91	61	55	70	77	49	43	22	17	3	1	1184
NORWAY	359	84	84	123	122	78	60	57	48	55	33	33	7	3	1	1147
CHINA, HONG KONG S.A.	95	31	26	52	65	85	74	81	58	60	47	29	23	8	1	735
SOUTH AFRICA	244	50	46	52	48	38	35	29	34	24	22	13	6	3		644
BRAZIL	142	30	42	36	50	41	46	37	44	53	36	21	12	8	4	602
NEW ZEALAND	165	42	52	53	52	52	39	28	35	27	24	16	10	3		598
HUNGARY	240	27	37	27	53	33	30	32	22	22	15	8	2	2		550
IRELAND	144	27	39	34	42	35	30	31	43	28	26	16	7	4		506
MEXICO	171	24	22	28	20	30	22	31	25	18	16	11	12	6	1	437
MALAYSIA	21	19	14	31	24	33	37	27	29	24	30	18	28	5		340
VENEZUELA	132	17	7	12	10	6	6	9	4	8	8	10	10		1	240
ARGENTINA	68	10	17	25	11	17	13	6	12	9	11	6	5	2		212
CZECH REPUBLIC	39	5	12	19	17	17	16	16	17	16	14	13	2	1		204
SAUDI ARABIA	19	6	9	2	18	12	4	9	16	11	22	15	18	16	6	183
LUXEMBOURG	49	7	14	15	19	15	18	9	9	7	5	8	3	1	1	180
Others (98)	758	150	189	168	178	164	125	118	130	129	108	67	67	22	2	2375
Ownership:																
U.S. Corporations	147551	22762	23678	23883	23394	20781	18228	16749	16239	15224	12596	10074	7063	3266	423	361911
U.S. Government	3329	325	379	404	388	352	300	284	250	222	201	188	93	50	13	6778
U.S. Individuals	13563	1903	1861	1680	1585	1284	1028	933	853	846	729	651	359	232	29	27536
Foreign Corporations	122994	20423	22069	24537	25071	21380	19076	17982	17859	16285	13115	9167	5685	2458	244	338345
Foreign Government	877	63	78	62	57	40	56	52	68	50	45	40	19	6		1513
Foreign Individuals	6470	1036	1074	1144	975	716	599	524	502	485	309	252	155	65	9	14315

Ownership:

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, 1993 - Dec 31, 2012) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	537	336	544	642	698	597	630	517	503	463	380	306	323	276	230	6982
Patents By Year of Application:	1659	555	708	673	735	563	546	437	430	211	153	111	133	61	7	6982
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	1146	347	416	527	467	392	317	278	313	273	371	426	527	494	468	6762
Patents By Year of Application:	2042	505	435	396	307	398	362	360	391	484	507	308	193	64	10	6762
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	2235	311	294	307	283	311	284	216	314	315	276	302	435	436	413	6732
Patents By Year of Application:	2884	306	358	344	335	382	322	344	384	347	248	252	141	80	5	6732
BASF AKTIENGESELLSCHAFT																
Patents By Year of Grant:	1942	403	502	473	462	374	335	224	267	217	208	170	217	120	88	6002
Patents By Year of Application:	2897	491	491	495	532	386	258	169	160	80	15	12	8	8	0	6002
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	381	180	221	246	239	260	300	274	400	378	519	547	586	594	490	5615
Patents By Year of Application:	807	249	206	275	334	506	504	526	601	528	414	322	242	94	7	5615
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	2334	427	354	308	278	315	239	138	209	159	97	86	85	77	97	5203
Patents By Year of Application:	3099	296	296	334	281	251	218	135	86	87	58	38	17	7	0	5203
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	1631	236	213	304	387	334	243	210	231	184	146	126	182	238	195	4860
Patents By Year of Application:	2159	295	348	365	358	313	203	203	149	152	154	85	52	22	2	4860
PROCTER + GAMBLE COMPANY																
Patents By Year of Grant:	1331	410	348	316	298	306	290	202	176	144	142	126	189	164	201	4643
Patents By Year of Application:	2134	340	368	378	324	213	159	173	111	118	80	115	82	44	4	4643
BAYER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	2109	329	288	349	382	329	317	163	141	36	10	5	9	2	4	4473
Patents By Year of Application:	2769	339	326	419	405	143	42	13	8	6	0	1	0	2	0	4473
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	1831	239	245	245	279	303	414	256	306	84	3	2	1	0	0	4208
Patents By Year of Application:	2355	238	354	353	404	325	137	41	1	0	0	0	0	0	0	4208
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	1208	205	210	232	235	251	201	178	170	168	159	186	244	261	216	4124
Patents By Year of Application:	1813	237	190	237	198	227	199	232	174	206	177	121	73	35	5	4124

CHEMICAL CLASSES

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

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	826	283	295	288	271	279	269	217	235	207	149	144	230	185	233	4111
Patents By Year of Application:	1662	315	327	322	288	252	189	177	186	148	92	83	45	20	5	4111
TOSHIBA CORPORATION																
Patents By Year of Grant:	777	181	200	194	176	157	167	132	208	162	148	202	301	290	252	3547
Patents By Year of Application:	1227	169	172	188	171	186	225	212	228	203	202	183	127	51	3	3547
ADVANCED MICRO DEVICES, INC.																
Patents By Year of Grant:	258	275	427	518	548	391	313	187	157	86	80	66	55	59	50	3470
Patents By Year of Application:	1073	400	501	442	378	226	142	84	77	53	41	35	12	6	0	3470
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	349	197	290	399	298	259	272	213	207	189	136	98	151	200	203	3461
Patents By Year of Application:	813	434	221	272	407	271	258	156	150	125	92	111	116	35	0	3461
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	101	273	286	361	370	323	229	217	216	184	159	254	250	219	3442
Patents By Year of Application:	557	305	340	416	361	314	260	220	218	156	120	61	82	29	3	3442
APPLIED MATERIALS, INC.																
Patents By Year of Grant:	327	147	252	257	293	309	208	209	168	156	151	182	289	234	201	3383
Patents By Year of Application:	920	220	325	258	280	198	199	174	279	194	156	88	68	22	2	3383
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	935	168	179	234	231	277	284	247	260	196	166	5	0	1	0	3183
Patents By Year of Application:	1387	201	274	345	346	291	191	89	50	7	2	0	0	0	0	3183
XEROX CORPORATION																
Patents By Year of Grant:	951	181	161	185	160	108	125	73	86	123	128	186	232	208	221	3128
Patents By Year of Application:	1275	171	188	134	140	105	139	228	187	172	159	127	78	25	0	3128
SUMITOMO CHEMICAL COMPANY, LIMITED																
Patents By Year of Grant:	824	125	139	159	175	167	142	105	96	105	76	97	121	167	188	2686
Patents By Year of Application:	1135	161	164	199	192	147	123	118	104	98	113	78	31	22	1	2686
SONY CORPORATION																
Patents By Year of Grant:	597	173	162	152	164	143	160	116	157	152	87	114	188	151	168	2684
Patents By Year of Application:	998	155	172	198	164	176	170	162	127	109	110	81	48	13	1	2684
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	664	104	156	180	129	135	189	118	138	131	118	103	139	120	95	2519
Patents By Year of Application:	1025	153	96	137	184	186	159	135	110	132	79	64	36	20	3	2519

---- Organizational Patenting

(Granted: Jan 01, 1993 - Dec 31, 2012)

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

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

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	206	76	75	102	110	91	103	99	80	121	131	167	245	265	262	2133
Patents By Year of Application:	393	80	142	122	164	158	150	181	194	223	126	112	60	24	4	2133
ELI LILLY AND COMPANY																
Patents By Year of Grant:	913	183	159	113	115	87	59	48	53	66	62	67	61	70	66	2122
Patents By Year of Application:	1293	109	97	109	112	99	57	61	45	44	30	32	23	9	2	2122
UNITED STATES OF AMERICA, DEPARTMENT OF HEALTH & HUMAN SERVICES																
Patents By Year of Grant:	659	135	91	97	82	76	109	72	109	90	92	97	119	130	115	2073
Patents By Year of Application:	1026	100	123	149	121	110	79	89	66	64	53	49	26	17	1	2073
BRISTOL-MYERS SQUIBB COMPANY																
Patents By Year of Grant:	443	101	84	74	96	125	82	107	169	158	143	144	124	101	118	2069
Patents By Year of Application:	646	90	94	134	148	164	146	152	142	132	82	73	44	18	4	2069
INTEL CORPORATION																
Patents By Year of Grant:	106	54	59	59	81	115	152	176	198	209	193	163	164	109	74	1912
Patents By Year of Application:	250	76	88	114	208	303	243	199	166	103	90	36	22	13	1	1912
GENENTECH, INC.																
Patents By Year of Grant:	354	53	77	64	68	71	62	70	145	281	224	85	119	79	104	1856
Patents By Year of Application:	612	51	91	197	434	53	56	77	92	57	50	32	29	22	3	1856
HYNIX SEMICONDUCTOR INC.																
Patents By Year of Grant:	0	0	0	1	54	123	176	167	151	131	140	190	282	234	200	1849
Patents By Year of Application:	2	4	18	137	220	209	160	176	192	253	213	143	90	23	9	1849
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	1224	131	123	158	115	42	25	10	8	5	0	2	0	1	0	1844
Patents By Year of Application:	1515	131	118	56	17	2	2	1	1	1	0	0	0	0	0	1844
SHELL OIL COMPANY																
Patents By Year of Grant:	775	109	93	88	44	50	71	40	66	71	70	74	118	86	72	1827
Patents By Year of Application:	988	83	62	85	94	93	116	62	65	78	52	31	15	2	1	1827
ABBOTT LABORATORIES																
Patents By Year of Grant:	680	122	106	105	93	82	46	41	53	43	53	57	81	107	123	1792
Patents By Year of Application:	969	111	87	75	61	59	68	48	71	70	69	54	38	10	2	1792
FUJITSU LIMITED																
Patents By Year of Grant:	509	101	109	85	103	111	126	108	95	97	117	69	50	53	58	1791
Patents By Year of Application:	776	82	101	118	119	122	126	135	72	48	32	25	23	11	1	1791

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

	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG																
Patents By Year of Grant:	403	52	67	72	99	124	101	80	96	101	93	102	146	121	123	1780
Patents By Year of Application:	551	83	114	166	178	138	155	116	98	77	48	25	23	7	1	1780
UOP																
Patents By Year of Grant:	521	98	90	82	90	64	59	41	55	49	97	90	132	144	150	1762
Patents By Year of Application:	700	114	89	77	71	54	70	82	76	123	104	100	56	46	0	1762
HOFFMANN-LA ROCHE INC.																
Patents By Year of Grant:	518	69	61	77	73	81	62	51	77	98	99	116	115	121	114	1732
Patents By Year of Application:	639	64	82	94	81	89	106	105	116	111	94	83	52	14	2	1732
KIMBERLY-CLARK WORLDWIDE, INC.																
Patents By Year of Grant:	157	93	127	129	135	187	149	123	101	102	68	59	97	96	62	1685
Patents By Year of Application:	464	134	209	207	192	141	72	78	55	46	42	21	19	4	1	1685
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	149	33	48	47	79	103	121	111	138	145	147	153	144	140	101	1659
Patents By Year of Application:	258	63	81	141	110	165	189	153	185	119	107	48	28	12	0	1659
Fujifilm Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	218	269	204	287	336	335	1652
Patents By Year of Application:	0	1	2	8	32	98	186	266	310	265	253	155	57	19	0	1652
MONSANTO TECHNOLOGY, LLC																
Patents By Year of Grant:	0	0	0	5	36	41	30	47	58	136	165	256	296	228	313	1611
Patents By Year of Application:	16	24	39	66	85	80	65	92	164	274	271	175	246	14	0	1611
KAO KABUSHIKI KAISHA (KAO CORPORATION)																
Patents By Year of Grant:	444	84	68	76	82	71	80	72	76	63	69	76	98	124	122	1605
Patents By Year of Application:	639	59	91	123	124	112	97	92	78	77	66	25	13	7	2	1605
EXXONMOBIL CHEMICAL PATENTS INC.																
Patents By Year of Grant:	0	0	0	57	124	97	85	96	149	162	155	137	207	182	131	1582
Patents By Year of Application:	49	71	120	92	157	199	150	208	155	150	88	64	53	22	4	1582
INFINEON TECHNOLOGIES AG																
Patents By Year of Grant:	0	0	13	44	107	152	188	176	186	155	135	88	132	109	90	1575
Patents By Year of Application:	25	43	106	157	267	235	177	182	111	94	69	51	42	15	1	1575
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	602	117	108	156	159	135	41	21	26	16	17	19	33	40	30	1520
Patents By Year of Application:	873	127	142	122	70	24	20	25	25	24	33	14	16	3	2	1520

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

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SMITHKLINE BEECHAM CORPORATION																
Patents By Year of Grant:	224	176	192	242	194	115	69	41	72	64	57	59	10	1	2	1518
Patents By Year of Application:	693	215	140	143	121	84	43	26	27	15	9	2	0	0	0	1518
CORNING INCORPORATED																
Patents By Year of Grant:	328	51	67	110	97	106	105	47	50	61	46	59	99	132	153	1511
Patents By Year of Application:	460	122	119	122	96	65	58	72	72	88	87	86	51	11	2	1511
CIBA SPECIALTY CHEMICALS CORPORATION																
Patents By Year of Grant:	184	180	153	113	141	124	95	86	111	88	68	74	81	6	2	1506
Patents By Year of Application:	532	103	137	159	177	154	96	59	44	22	13	8	2	0	0	1506
ROHM AND HAAS COMPANY																
Patents By Year of Grant:	576	81	76	93	71	80	84	56	74	54	44	45	53	50	59	1496
Patents By Year of Application:	742	91	86	99	101	94	48	49	44	41	46	25	20	10	0	1496
MOTOROLA, INC.																
Patents By Year of Grant:	769	143	141	102	121	85	52	21	22	10	12	2	6	0	0	1486
Patents By Year of Application:	1097	80	122	72	58	24	10	10	8	4	1	0	0	0	0	1486
RICOH COMPANY, LTD.																
Patents By Year of Grant:	350	80	75	63	49	80	69	70	62	71	91	74	94	116	133	1477
Patents By Year of Application:	510	57	73	69	106	82	88	107	101	118	85	51	23	7	0	1477
CIBA-GEIGY CORPORATION																
Patents By Year of Grant:	1392	3	2	0	2	0	0	0	0	0	0	0	0	0	0	1399
Patents By Year of Application:	1399	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1399
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	447	91	55	67	59	64	72	43	55	43	60	62	91	71	76	1356
Patents By Year of Application:	628	54	57	65	79	80	73	74	60	53	45	41	24	16	7	1356
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																
Patents By Year of Grant:	311	72	63	80	61	58	61	53	58	49	74	82	125	96	103	1346
Patents By Year of Application:	452	77	57	61	83	82	78	91	100	65	81	87	26	6	0	1346
UNIVERSITY OF TEXAS																
Patents By Year of Grant:	391	64	65	69	61	60	64	63	78	61	50	63	84	78	90	1341
Patents By Year of Application:	599	72	82	81	78	98	66	44	52	58	45	32	24	9	1	1341
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	350	79	85	70	95	78	56	47	52	61	50	66	82	75	84	1330
Patents By Year of Application:	527	68	101	80	85	77	81	79	69	48	61	26	25	3	0	1330

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

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
NOVARTIS AG (FORMERLY SANDOZ LTD.)																
Patents By Year of Grant:	24	70	87	104	88	75	58	58	62	40	49	59	164	158	231	1327
Patents By Year of Application:	206	107	94	94	106	111	84	84	105	109	70	64	51	37	5	1327
EASTMAN CHEMICAL COMPANY																
Patents By Year of Grant:	348	100	110	103	89	73	51	33	27	51	58	63	69	78	48	1301
Patents By Year of Application:	567	98	98	72	57	57	52	63	95	57	30	22	26	6	1	1301
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	152	34	43	46	39	59	85	74	93	81	84	91	133	110	138	1262
Patents By Year of Application:	241	42	70	119	145	121	113	109	98	67	63	37	26	9	2	1262
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	171	38	49	65	100	103	78	80	77	79	69	59	84	95	107	1254
Patents By Year of Application:	284	70	126	116	110	83	104	73	79	72	73	26	26	12	0	1254
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN (HENKEL KGAA)																
Patents By Year of Grant:	495	80	49	84	65	59	58	26	39	46	36	31	47	48	80	1243
Patents By Year of Application:	667	85	67	67	60	36	50	32	45	35	22	25	19	26	7	1243
SCHERING CORP.																
Patents By Year of Grant:	279	81	52	70	61	56	44	56	70	66	73	97	110	69	56	1240
Patents By Year of Application:	447	65	55	78	79	76	72	79	103	76	40	36	24	9	1	1240
SAMSUNG SDI CO., LTD.																
Patents By Year of Grant:	0	0	0	11	39	40	46	48	53	82	82	123	241	263	201	1229
Patents By Year of Application:	2	10	66	49	85	79	126	222	236	151	106	57	23	16	1	1229
SUMITOMO ELECTRIC INDUSTRIES, LTD.																
Patents By Year of Grant:	550	86	52	47	49	46	44	26	23	24	31	47	67	68	65	1225
Patents By Year of Application:	704	47	48	59	51	37	41	49	41	41	36	32	32	5	2	1225
DOW CORNING CORPORATION																
Patents By Year of Grant:	607	102	73	57	50	40	44	11	16	10	20	23	43	46	54	1196
Patents By Year of Application:	778	63	42	51	49	29	43	42	29	38	16	10	6	0	0	1196
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	12	40	106	97	125	91	71	88	74	95	138	119	106	1162
Patents By Year of Application:	32	40	127	124	131	102	119	117	107	80	81	53	30	17	2	1162
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	417	134	144	100	65	47	33	29	12	18	23	17	28	48	40	1155
Patents By Year of Application:	707	114	50	66	49	30	29	23	39	17	16	7	3	4	1	1155

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
Panasonic Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	39	210	316	285	301	1151
Patents By Year of Application:	1	0	0	6	17	39	93	178	211	187	186	107	85	38	3	1151
WISCONSIN ALUMNI RESEARCH FOUNDATION																
Patents By Year of Grant:	248	72	46	53	57	49	39	55	70	64	49	69	85	93	101	1150
Patents By Year of Application:	376	65	61	82	76	66	75	78	75	68	60	37	22	9	0	1150
KONICA CORPORATION																
Patents By Year of Grant:	591	83	76	72	83	61	65	39	38	16	15	4	2	1	0	1146
Patents By Year of Application:	750	77	68	68	81	78	8	6	8	2	0	0	0	0	0	1146
NGK INSULATORS LTD.																
Patents By Year of Grant:	263	63	62	51	74	66	58	44	56	53	59	67	81	78	68	1143
Patents By Year of Application:	418	64	55	70	101	79	72	42	42	56	64	57	15	8	0	1143
INSTITUT FRANCAIS DU PETROLE																
Patents By Year of Grant:	313	82	115	107	87	75	53	35	32	68	44	54	52	7	2	1126
Patents By Year of Application:	541	101	120	81	60	47	49	43	49	21	11	3	0	0	0	1126
AIR PRODUCTS AND CHEMICALS, INC.																
Patents By Year of Grant:	403	58	78	56	47	61	47	37	45	40	49	38	46	47	65	1117
Patents By Year of Application:	524	69	47	56	71	72	55	49	42	41	47	22	17	5	0	1117
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH																
Patents By Year of Grant:	68	33	35	57	113	127	118	105	117	85	68	52	61	26	37	1102
Patents By Year of Application:	144	43	109	166	180	163	127	39	55	32	28	13	2	1	0	1102
AKZO NOBEL NV																
Patents By Year of Grant:	300	108	88	84	89	105	70	54	45	28	18	17	33	30	32	1101
Patents By Year of Application:	526	84	95	128	93	53	33	26	25	18	7	5	7	1	0	1101
TDK CORPORATION																
Patents By Year of Grant:	200	44	64	66	98	71	62	38	60	73	68	78	77	51	48	1098
Patents By Year of Application:	318	84	88	78	57	86	122	83	51	44	47	30	9	1	0	1098
MOBIL OIL CORP.																
Patents By Year of Grant:	907	61	60	44	9	2	3	2	0	0	1	0	0	0	0	1089
Patents By Year of Application:	1046	39	3	0	0	0	0	1	0	0	0	0	0	0	0	1089
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	215	53	34	59	66	74	68	46	54	37	55	56	90	75	102	1084
Patents By Year of Application:	324	55	61	75	78	54	51	67	60	65	67	53	52	21	1	1084

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
AJINOMOTO COMPANY INCORPORATED																
Patents By Year of Grant:	235	51	46	59	64	46	64	44	59	78	63	57	72	70	61	1069
Patents By Year of Application:	347	59	84	78	93	43	74	68	56	46	48	34	25	13	1	1069
BASF CORPORATION																
Patents By Year of Grant:	457	79	75	54	79	52	39	37	25	21	19	18	34	35	42	1066
Patents By Year of Application:	638	57	67	60	48	30	33	32	30	20	22	16	10	3	0	1066
DEGUSSA AKTIENGESSELLSCHAFT																
Patents By Year of Grant:	305	47	18	34	84	100	115	85	87	65	48	42	21	1	0	1052
Patents By Year of Application:	393	41	64	178	135	107	65	44	19	2	3	1	0	0	0	1052
HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.																
Patents By Year of Grant:	318	91	93	207	200	84	34	11	6	0	0	0	0	0	0	1044
Patents By Year of Application:	532	174	194	96	28	17	2	1	0	0	0	0	0	0	0	1044
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	255	56	46	59	43	41	52	55	55	51	52	49	59	61	89	1023
Patents By Year of Application:	409	71	52	62	66	66	57	64	59	36	29	30	16	6	0	1023
WYETH																
Patents By Year of Grant:	0	0	0	0	52	83	82	53	104	117	136	150	143	56	47	1023
Patents By Year of Application:	12	12	26	88	144	139	129	117	145	111	43	40	8	8	1	1023
ALLERGAN, INC.																
Patents By Year of Grant:	298	21	12	7	19	40	44	35	45	52	66	57	93	115	101	1005
Patents By Year of Application:	341	8	31	42	53	62	65	57	75	88	80	67	18	12	6	1005
PHILLIPS PETROLEUM COMPANY																
Patents By Year of Grant:	620	60	102	68	69	45	15	9	11	3	2	1	0	0	0	1005
Patents By Year of Application:	805	78	63	21	14	18	4	2	0	0	0	0	0	0	0	1005
ASTRAZENECA AB																
Patents By Year of Grant:	0	0	8	33	71	73	69	83	97	91	99	82	109	102	85	1002
Patents By Year of Application:	37	44	80	120	168	140	90	63	69	70	46	37	31	6	1	1002
AGFA-GEVAERT N.V.																
Patents By Year of Grant:	404	81	128	109	67	52	40	29	32	20	9	2	1	8	3	985
Patents By Year of Application:	617	98	72	57	48	44	23	12	2	8	1	1	1	1	0	985
GOODYEAR TIRE + RUBBER COMPANY																
Patents By Year of Grant:	303	51	61	77	71	72	67	42	62	42	32	25	36	25	17	983
Patents By Year of Application:	417	80	71	88	72	67	48	46	34	18	20	12	6	4	0	983

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.																
Patents By Year of Grant:	0	0	0	0	0	58	102	94	107	107	101	105	134	91	79	978
Patents By Year of Application:	1	3	11	91	139	187	154	138	72	101	30	27	17	7	0	978
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	140	46	47	28	31	36	33	23	29	23	37	52	103	121	228	977
Patents By Year of Application:	245	47	30	47	45	50	67	84	100	120	87	27	13	14	1	977
NOVO NORDISK A/S																
Patents By Year of Grant:	382	160	133	81	34	35	16	22	14	15	14	12	10	25	21	974
Patents By Year of Application:	691	79	43	40	29	22	4	18	23	10	5	7	2	1	0	974
WARNER-LAMBERT COMPANY																
Patents By Year of Grant:	403	74	77	73	60	59	57	62	53	31	13	2	6	2	0	972
Patents By Year of Application:	548	82	63	76	79	58	40	14	10	2	0	0	0	0	0	972
COLGATE-PALMOLIVE COMPANY																
Patents By Year of Grant:	369	118	81	82	106	80	28	15	14	11	11	7	12	14	18	966
Patents By Year of Application:	516	76	83	79	91	48	13	10	11	12	10	10	4	1	2	966
EXXON CHEMICALS PATENTS INC.																
Patents By Year of Grant:	672	106	107	65	5	4	2	0	0	1	0	0	0	0	0	962
Patents By Year of Application:	922	36	3	1	0	0	0	0	0	0	0	0	0	0	0	962
MITSUBISHI CHEMICAL CORPORATION																
Patents By Year of Grant:	299	99	73	69	49	47	34	29	48	40	36	29	27	36	37	952
Patents By Year of Application:	496	63	45	48	41	31	63	69	48	21	12	4	8	3	0	952
FUJI XEROX CO., LTD.																
Patents By Year of Grant:	288	53	48	39	38	27	38	42	38	34	50	55	74	62	53	939
Patents By Year of Application:	399	32	41	45	40	60	64	72	35	51	46	36	17	0	1	939
MITSUI CHEMICALS, INCORPORATED																
Patents By Year of Grant:	40	96	93	101	99	65	67	56	39	39	28	34	52	53	73	935
Patents By Year of Application:	276	77	88	98	90	66	51	52	43	40	29	15	7	3	0	935
JANSSEN PHARMACEUTICA N.V.																
Patents By Year of Grant:	141	21	29	28	33	23	16	18	45	57	65	104	125	110	115	930
Patents By Year of Application:	204	29	34	48	32	60	55	96	91	120	65	49	36	9	2	930
NITTO DENKO CORPORATION																
Patents By Year of Grant:	127	30	42	46	45	40	40	35	54	48	45	53	90	99	127	921
Patents By Year of Application:	208	53	46	57	54	70	84	73	50	66	54	58	32	13	3	921

CHEMICAL CLASSES

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
DOW GLOBAL TECHNOLOGIES INC.																
Patents By Year of Grant:	0	0	0	0	37	83	78	59	58	49	41	64	121	128	186	904
Patents By Year of Application:	10	12	41	83	101	82	98	65	112	101	74	62	40	23	0	904
ISIS PHARMACEUTICALS, INC.																
Patents By Year of Grant:	125	77	114	106	110	65	55	45	26	29	18	17	38	30	44	899
Patents By Year of Application:	341	141	102	81	67	28	35	16	19	25	19	10	9	6	0	899
AMERICAN CYANAMID COMPANY																
Patents By Year of Grant:	617	105	63	64	31	10	3	1	0	0	0	0	0	0	1	895
Patents By Year of Application:	782	67	39	6	0	0	0	0	0	0	0	0	0	1	0	895
TAKEDA CHEMICAL INDUSTRIES LTD.																
Patents By Year of Grant:	460	76	70	101	63	45	38	18	10	2	3	1	0	0	0	887
Patents By Year of Application:	625	93	64	48	44	9	2	1	1	0	0	0	0	0	0	887
BRIDGESTONE CORPORATION																
Patents By Year of Grant:	210	47	45	78	72	51	47	26	27	26	35	39	59	66	53	881
Patents By Year of Application:	352	58	73	63	51	48	39	52	51	43	32	15	4	0	0	881
DAI NIPPON PRINTING CO. LTD																
Patents By Year of Grant:	203	52	53	52	44	42	55	36	47	41	42	54	53	57	47	878
Patents By Year of Application:	328	62	40	63	70	61	56	71	48	36	16	16	8	3	0	878
NIPPON SHOKUBAI CO., LTD.																
Patents By Year of Grant:	161	49	66	66	94	83	63	41	43	47	39	26	41	27	23	869
Patents By Year of Application:	291	70	102	94	79	64	54	31	34	27	14	5	3	1	0	869
LAM RESEARCH CORPORATION																
Patents By Year of Grant:	41	30	51	61	46	51	49	56	52	54	39	59	77	73	118	857
Patents By Year of Application:	144	60	62	54	63	76	65	56	83	56	55	35	27	16	5	857
NESTEC, S.A.																
Patents By Year of Grant:	252	99	63	75	48	62	39	32	25	29	11	18	33	28	41	855
Patents By Year of Application:	433	63	87	67	49	36	35	21	24	21	7	6	6	0	0	855
PPG INDUSTRIES OHIO INC.																
Patents By Year of Grant:	0	58	83	91	54	66	55	44	49	37	69	43	73	67	64	853
Patents By Year of Application:	163	100	58	61	62	82	73	59	60	52	41	20	13	8	1	853
SHOWA DENKO KABUSHIKI KAISHA																
Patents By Year of Grant:	135	27	45	57	57	52	65	38	65	30	30	53	66	67	61	848
Patents By Year of Application:	221	51	65	85	88	69	61	50	45	42	37	21	12	1	0	848

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
STANFORD UNIVERSITY																
Patents By Year of Grant:	157	41	48	42	49	42	23	33	39	35	42	53	79	83	81	847
Patents By Year of Application:	286	53	45	54	55	52	34	42	49	70	43	30	19	14	1	847
AMGEN, INC.																
Patents By Year of Grant:	99	38	36	45	26	27	22	37	59	47	58	66	98	106	80	844
Patents By Year of Application:	236	28	41	42	45	50	50	72	62	67	77	28	30	16	0	844
TORAY INDUSTRIES INC.																
Patents By Year of Grant:	232	52	58	61	58	49	40	26	24	19	27	23	37	50	72	828
Patents By Year of Application:	377	67	48	52	55	40	34	34	38	32	24	18	4	5	0	828
BAYER CORPORATION																
Patents By Year of Grant:	316	115	116	90	101	49	15	11	6	4	1	1	1	0	0	826
Patents By Year of Application:	588	102	65	40	25	3	2	1	0	0	0	0	0	0	0	826
ZENECA LIMITED																
Patents By Year of Grant:	458	134	98	79	33	10	8	4	0	1	0	0	0	0	0	825
Patents By Year of Application:	703	76	32	7	5	2	0	0	0	0	0	0	0	0	0	825
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	204	39	36	48	46	49	46	43	56	51	33	31	54	48	39	823
Patents By Year of Application:	317	48	52	52	68	59	49	43	42	22	24	31	11	4	1	823
COMMISSARIAT A L'ENERGIE ATOMIQUE																
Patents By Year of Grant:	118	35	22	29	35	41	32	30	36	39	30	55	97	111	106	816
Patents By Year of Application:	181	38	41	62	77	63	55	58	65	62	61	39	12	2	0	816
EXXON RESEARCH + ENGINEERING CO.																
Patents By Year of Grant:	523	118	97	65	8	1	1	0	0	0	0	0	0	0	0	813
Patents By Year of Application:	744	60	8	1	0	0	0	0	0	0	0	0	0	0	0	813
JOHNS HOPKINS UNIVERSITY																
Patents By Year of Grant:	174	75	59	58	59	38	45	28	33	22	41	33	43	48	49	805
Patents By Year of Application:	367	57	62	57	46	46	44	23	26	34	20	10	9	4	0	805
G. D. SEARLE & CO.																
Patents By Year of Grant:	435	61	61	39	74	46	27	17	23	10	2	1	1	0	0	797
Patents By Year of Application:	574	50	53	43	38	19	9	5	5	1	0	0	0	0	0	797
IMPERIAL CHEMICAL INDUSTRIES PLC																
Patents By Year of Grant:	594	41	39	36	25	17	14	13	7	1	2	2	1	0	3	795
Patents By Year of Application:	690	35	21	16	22	3	2	3	2	0	0	1	0	0	0	795

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
LG CHEMICAL LTD.																
Patents By Year of Grant:	17	7	3	13	21	14	15	22	22	40	56	96	130	161	177	794
Patents By Year of Application:	29	14	25	14	37	44	57	112	165	118	83	36	33	26	1	794
CALIFORNIA INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	124	38	44	54	49	56	62	36	41	52	40	39	58	45	55	793
Patents By Year of Application:	241	70	68	86	58	38	43	43	32	45	29	18	14	7	1	793
MITSUBISHI GAS-CHEMICAL COMPANY, INC.																
Patents By Year of Grant:	246	60	37	47	41	43	35	25	44	37	29	27	24	35	39	769
Patents By Year of Application:	338	47	43	50	53	44	55	30	32	47	12	10	4	4	0	769
FREESCALE SEMICONDUCTOR, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	37	77	72	100	91	104	129	95	63	768
Patents By Year of Application:	0	1	3	7	49	76	95	146	138	112	61	38	25	17	0	768
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	476	70	73	68	39	27	8	2	0	1	0	0	0	0	0	764
Patents By Year of Application:	639	82	25	12	4	1	1	0	0	0	0	0	0	0	0	764
HENKEL CORPORATION																
Patents By Year of Grant:	314	88	58	61	38	15	26	30	20	16	16	13	21	13	30	759
Patents By Year of Application:	483	50	26	35	38	34	18	15	19	13	10	8	5	5	0	759
UNIVERSITY OF PENNSYLVANIA																
Patents By Year of Grant:	210	47	27	44	37	24	25	35	36	32	34	30	67	43	62	753
Patents By Year of Application:	316	44	45	47	44	53	42	45	40	26	17	19	9	6	0	753
IDEMITSU KOSAN COMPANY LIMITED																
Patents By Year of Grant:	238	35	35	28	28	26	23	19	28	24	34	38	59	81	54	750
Patents By Year of Application:	319	26	32	27	49	44	37	61	54	44	34	9	11	3	0	750
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE																
Patents By Year of Grant:	240	58	46	59	35	49	30	23	29	21	27	16	26	43	39	741
Patents By Year of Application:	371	43	51	52	35	32	24	25	19	28	24	21	12	3	1	741
DAIKIN INDUSTRIES LIMITED																
Patents By Year of Grant:	181	33	37	57	54	41	58	37	24	30	26	27	49	37	44	735
Patents By Year of Application:	283	63	47	57	74	37	43	37	20	29	22	12	6	4	1	735
MONSANTO COMPANY, INC.																
Patents By Year of Grant:	484	78	76	62	7	10	5	4	1	0	0	0	0	2	1	730
Patents By Year of Application:	648	51	15	8	4	1	0	0	0	0	0	2	1	0	0	730

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
RENESAS TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	9	190	116	89	90	81	94	59	0	0	728
Patents By Year of Application:	1	3	11	61	147	144	110	68	72	74	32	4	1	0	0	728
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY																
Patents By Year of Grant:	0	0	3	23	53	91	86	36	34	48	45	56	81	84	83	723
Patents By Year of Application:	9	19	96	94	73	64	56	78	48	72	58	38	16	2	0	723
BASF SE																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	29	31	99	220	337	716
Patents By Year of Application:	0	1	1	2	10	27	42	66	122	154	167	67	38	18	1	716
GENERAL HOSPITAL CORPORATION																
Patents By Year of Grant:	166	66	47	58	40	45	31	30	39	33	30	24	30	28	46	713
Patents By Year of Application:	358	58	52	42	27	32	36	22	17	20	18	13	13	5	0	713
MURATA MANUFACTURING CO., LTD.																
Patents By Year of Grant:	157	41	46	53	100	76	56	27	21	20	22	27	28	18	21	713
Patents By Year of Application:	239	72	92	84	52	42	30	8	9	30	25	12	12	6	0	713
CHARTERED SEMICONDUCTOR MANUFACTURING LTD.																
Patents By Year of Grant:	72	30	71	111	115	75	54	36	38	27	18	19	27	18	0	711
Patents By Year of Application:	151	121	109	79	81	48	32	32	25	14	16	2	1	0	0	711
BOEING COMPANY																
Patents By Year of Grant:	128	39	24	27	20	31	41	32	27	25	31	44	70	84	82	705
Patents By Year of Application:	217	16	19	33	48	61	35	53	43	65	50	33	20	11	1	705
UNIVERSITY OF MICHIGAN																
Patents By Year of Grant:	131	40	55	31	32	31	33	44	46	29	50	35	58	41	49	705
Patents By Year of Application:	258	40	42	45	55	50	37	35	40	35	26	24	15	3	0	705
CHEVRON U.S.A. INC.																
Patents By Year of Grant:	56	19	17	17	30	49	61	37	42	36	37	46	78	99	79	703
Patents By Year of Application:	95	17	29	79	56	53	51	57	36	52	83	47	27	14	7	703
ASAHI KASEI KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	230	55	59	54	72	52	48	35	30	27	4	14	8	3	8	699
Patents By Year of Application:	358	52	71	75	79	35	4	12	4	6	1	1	0	0	1	699
KANEKA CORPORATION																
Patents By Year of Grant:	12	19	34	81	72	60	51	28	58	50	51	26	59	55	41	697
Patents By Year of Application:	78	70	85	99	95	63	48	67	30	35	17	3	2	4	1	697

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
MILLENNIUM PHARMACEUTICALS, INC.																
Patents By Year of Grant:	19	32	49	75	89	77	49	46	53	41	35	31	40	34	27	697
Patents By Year of Application:	174	90	67	98	60	41	24	31	32	29	21	13	15	2	0	697
CORNELL RESEARCH FOUNDATION INC.																
Patents By Year of Grant:	184	43	38	45	26	40	32	29	45	34	33	29	53	41	23	695
Patents By Year of Application:	309	35	50	43	47	34	31	45	41	23	17	8	9	3	0	695
NIPPON STEEL CORP.																
Patents By Year of Grant:	251	32	28	27	42	44	27	27	17	11	17	19	50	49	48	689
Patents By Year of Application:	317	40	39	53	49	46	29	15	22	37	15	18	7	2	0	689
HUMAN GENOME SCIENCES, INC.																
Patents By Year of Grant:	44	63	47	31	86	84	47	59	58	38	41	29	18	21	21	687
Patents By Year of Application:	243	72	71	63	72	31	40	27	19	18	12	9	7	3	0	687
UNILEVER HOME & PERSONAL CARE USA, DIVISION OF CONOPCO, INC.																
Patents By Year of Grant:	0	1	20	76	128	118	104	70	61	32	32	15	13	6	3	679
Patents By Year of Application:	6	87	132	154	134	94	51	14	0	4	2	0	0	1	0	679
W. R. GRACE & CO.-CONN.																
Patents By Year of Grant:	449	23	15	27	28	22	18	23	11	8	8	5	10	15	14	676
Patents By Year of Application:	504	18	22	27	25	23	16	9	9	5	6	5	3	3	1	676
SCRIPPS RESEARCH INSTITUTE																
Patents By Year of Grant:	198	41	36	54	32	26	19	28	40	30	42	32	33	28	32	671
Patents By Year of Application:	341	37	39	38	30	29	34	35	26	36	8	10	4	4	0	671
BECTON, DICKINSON AND COMPANY																
Patents By Year of Grant:	315	51	39	28	26	22	18	19	15	17	20	23	33	23	16	665
Patents By Year of Application:	408	44	33	24	29	24	27	12	18	14	10	15	4	3	0	665
WACKER-CHEMIE GMBH																
Patents By Year of Grant:	168	40	39	64	31	28	20	12	31	14	27	30	46	53	52	655
Patents By Year of Application:	256	50	44	24	23	39	38	39	46	40	30	22	4	0	0	655
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	181	126	139	103	23	28	17	10	6	8	12	0	1	0	0	654
Patents By Year of Application:	436	126	30	18	21	7	6	6	4	0	0	0	0	0	0	654
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	221	20	24	13	30	37	50	65	52	54	53	20	3	0	0	642
Patents By Year of Application:	264	27	27	54	81	102	73	12	2	0	0	0	0	0	0	642

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
LSI LOGIC CORPORATION																
Patents By Year of Grant:	167	56	72	43	58	73	59	53	38	9	9	3	0	2	0	642
Patents By Year of Application:	311	43	52	83	62	63	18	6	0	1	1	1	1	0	0	642
DAICEL CHEMICAL INDUSTRIES LTD.																
Patents By Year of Grant:	199	49	45	40	56	43	29	34	26	22	15	11	39	17	13	638
Patents By Year of Application:	301	47	57	54	37	36	24	26	18	15	8	11	3	1	0	638
MACRONIX INTERNATIONAL CO., LTD.																
Patents By Year of Grant:	10	7	4	13	74	104	88	42	34	35	32	51	45	57	39	635
Patents By Year of Application:	20	7	20	130	109	75	46	33	68	48	25	24	23	6	1	635
CHISSO CORPORATION																
Patents By Year of Grant:	203	41	37	75	47	40	23	10	18	12	28	35	39	20	3	631
Patents By Year of Application:	295	63	56	39	24	23	9	24	30	32	22	12	1	1	0	631
DONGBU ELECTRONICS CO., LTD.																
Patents By Year of Grant:	0	0	2	2	7	7	20	15	54	150	154	139	63	7	2	622
Patents By Year of Application:	0	5	6	1	23	53	186	194	126	12	6	10	0	0	0	622
NATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	177	39	37	42	41	23	25	21	25	34	26	30	42	30	21	613
Patents By Year of Application:	258	45	32	27	28	24	53	35	31	35	11	20	7	7	0	613
COLUMBIA UNIVERSITY																
Patents By Year of Grant:	113	42	33	41	35	42	36	34	36	27	30	18	37	38	49	611
Patents By Year of Application:	258	45	47	42	31	34	34	30	25	24	8	8	19	6	0	611
SCHERING AKTIENGESELLSCHAFT																
Patents By Year of Grant:	236	43	54	33	26	40	36	31	45	32	27	8	0	0	0	611
Patents By Year of Application:	356	36	46	40	42	39	23	17	12	0	0	0	0	0	0	611
OKI ELECTRIC INDUSTRY CO., LTD.																
Patents By Year of Grant:	38	26	26	47	64	70	88	74	60	56	49	4	3	0	2	607
Patents By Year of Application:	100	43	69	64	105	85	55	48	26	6	3	1	1	1	0	607
CHIRON CORPORATION																
Patents By Year of Grant:	205	63	63	54	52	38	37	26	38	21	8	0	1	0	0	606
Patents By Year of Application:	407	39	46	33	32	28	15	3	1	2	0	0	0	0	0	606
HARVARD COLLEGE, PRESIDENT AND FELLOWS																
Patents By Year of Grant:	137	35	26	30	44	38	33	22	28	34	32	29	38	39	39	604
Patents By Year of Application:	258	41	32	41	39	29	29	30	38	14	20	16	12	5	0	604

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
MICHIGAN STATE UNIVERSITY																
Patents By Year of Grant:	155	44	36	29	40	44	25	17	26	29	37	32	34	23	21	592
Patents By Year of Application:	246	33	51	38	31	32	32	33	45	14	23	8	5	1	0	592
ZYMOGENETICS, INC.																
Patents By Year of Grant:	98	32	22	34	36	30	25	25	33	33	28	73	49	35	35	588
Patents By Year of Application:	165	32	52	39	31	33	22	18	88	25	19	30	17	15	2	588
TEIJIN LIMITED																
Patents By Year of Grant:	237	35	37	49	50	43	35	17	12	10	10	9	14	16	13	587
Patents By Year of Application:	316	52	44	62	40	21	16	8	3	6	13	4	1	1	0	587
UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION																
Patents By Year of Grant:	313	52	45	58	41	24	7	6	4	4	7	5	1	6	12	585
Patents By Year of Application:	425	49	48	13	9	10	11	4	2	1	1	10	1	1	0	585
KURARAY CO., LTD.																
Patents By Year of Grant:	170	31	30	33	39	31	37	28	34	13	19	19	28	31	39	582
Patents By Year of Application:	230	33	50	45	45	50	34	23	27	20	10	11	3	1	0	582
DENSO CORPORATION																
Patents By Year of Grant:	9	30	40	47	37	50	45	39	46	32	42	39	57	33	31	577
Patents By Year of Application:	96	51	36	56	56	61	40	33	42	43	37	18	8	0	0	577
GM Global Technology Operations, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	4	20	66	158	174	154	577
Patents By Year of Application:	0	0	0	0	5	13	56	101	103	95	102	61	31	10	0	577
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)																
Patents By Year of Grant:	113	26	26	39	28	37	28	14	18	25	28	33	39	47	72	573
Patents By Year of Application:	170	35	32	39	39	31	36	35	39	37	39	27	7	6	1	573
ROBERT BOSCH GMBH																
Patents By Year of Grant:	111	23	17	43	32	46	54	35	28	28	23	31	33	28	41	573
Patents By Year of Application:	165	56	43	59	71	47	33	25	21	19	14	16	3	1	0	573
INCYTE PHARMACEUTICALS, INC.																
Patents By Year of Grant:	141	247	146	30	3	0	0	1	0	0	0	0	1	0	0	569
Patents By Year of Application:	518	46	2	2	0	0	0	0	0	0	1	0	0	0	0	569
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	228	33	26	23	14	18	15	14	11	12	24	22	38	49	40	567
Patents By Year of Application:	298	18	13	17	19	18	30	33	46	25	21	11	14	4	0	567

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION																
Patents By Year of Grant:	223	52	33	52	44	39	38	22	28	19	16	0	0	0	0	566
Patents By Year of Application:	329	51	37	47	45	25	16	11	3	2	0	0	0	0	0	566
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	74	14	19	14	21	33	29	41	39	43	38	43	63	44	48	563
Patents By Year of Application:	117	13	26	57	61	73	62	49	36	33	18	5	7	5	1	563
VERTEX PHARMACEUTICALS, INC.																
Patents By Year of Grant:	32	21	19	13	13	40	24	17	24	33	44	46	75	65	96	562
Patents By Year of Application:	80	15	21	40	41	54	53	37	53	38	34	37	43	14	2	562
AMERICAN HOME PRODUCTS CORPORATION																
Patents By Year of Grant:	328	46	46	72	60	2	1	0	0	1	0	0	0	0	0	556
Patents By Year of Application:	407	73	59	15	2	0	0	0	0	0	0	0	0	0	0	556
BAXTER INTERNATIONAL INC.																
Patents By Year of Grant:	157	41	32	43	26	30	18	19	29	16	17	6	20	58	44	556
Patents By Year of Application:	270	28	31	36	26	25	15	21	4	19	30	15	16	20	0	556
INSTITUT PASTEUR																
Patents By Year of Grant:	117	51	43	47	29	36	26	19	33	24	30	24	37	22	18	556
Patents By Year of Application:	296	25	37	32	25	30	26	31	26	15	8	2	3	0	0	556
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	34	24	38	38	42	65	71	39	29	24	25	16	30	31	41	547
Patents By Year of Application:	115	39	47	84	49	63	40	19	16	13	23	21	12	4	2	547
STINE SEED FARM, INC.																
Patents By Year of Grant:	14	14	10	47	6	26	37	41	61	54	31	33	28	64	77	543
Patents By Year of Application:	29	24	35	28	48	60	28	28	46	59	36	44	57	21	0	543
HOYA CORPORATION																
Patents By Year of Grant:	46	29	26	23	27	31	44	25	30	33	30	35	56	56	50	541
Patents By Year of Application:	107	26	38	35	51	51	47	42	40	29	23	31	13	6	2	541
AGILENT TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	19	52	42	39	53	61	64	45	40	38	25	33	26	537
Patents By Year of Application:	36	64	52	78	87	72	35	39	31	17	11	10	4	1	0	537
NOVELLUS SYSTEMS, INC.																
Patents By Year of Grant:	17	5	19	31	23	38	40	35	30	55	39	40	52	60	53	537
Patents By Year of Application:	48	20	33	56	59	42	57	45	44	47	33	36	15	2	0	537

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
HITACHI CHEMICAL COMPANY, LTD.																
Patents By Year of Grant:	138	36	21	31	22	14	21	18	17	27	15	33	46	54	42	535
Patents By Year of Application:	212	21	23	33	29	22	40	39	34	30	19	13	13	7	0	535
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS																
Patents By Year of Grant:	74	21	17	20	20	32	17	26	31	29	28	41	53	62	63	534
Patents By Year of Application:	125	25	46	44	54	45	54	36	40	24	23	10	4	4	0	534
MITSUI TOATSU CHEMICALS INC.																
Patents By Year of Grant:	526	2	2	0	0	0	0	1	0	0	0	0	0	0	0	531
Patents By Year of Application:	530	0	0	0	0	1	0	0	0	0	0	0	0	0	0	531
LUBRIZOL CORPORATION																
Patents By Year of Grant:	217	30	30	40	32	24	21	15	10	11	19	6	29	18	23	525
Patents By Year of Application:	302	29	24	24	41	28	12	17	20	9	3	3	8	5	0	525
TOKYO OHKA KOGYO CO., LTD.																
Patents By Year of Grant:	72	33	28	34	19	24	30	16	17	16	25	30	50	60	71	525
Patents By Year of Application:	136	31	21	27	35	20	48	50	45	28	28	33	21	2	0	525
KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	132	34	23	22	32	24	42	22	30	21	13	24	31	29	40	519
Patents By Year of Application:	184	24	35	39	52	29	28	17	30	28	23	21	7	2	0	519
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION																
Patents By Year of Grant:	202	32	37	22	19	15	24	26	12	16	12	18	28	34	22	519
Patents By Year of Application:	273	17	30	22	31	20	32	17	15	25	18	13	6	0	0	519
RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK																
Patents By Year of Grant:	142	38	29	29	38	16	22	13	30	22	23	30	45	19	22	518
Patents By Year of Application:	224	34	35	25	27	26	32	30	30	23	16	9	6	1	0	518
GLAXO GROUP LIMITED																
Patents By Year of Grant:	112	20	14	21	3	5	1	8	14	48	39	68	60	40	58	511
Patents By Year of Application:	155	11	11	11	38	48	46	35	49	44	29	20	9	4	1	511
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
Patents By Year of Grant:	250	32	26	34	23	23	20	8	10	12	6	13	17	12	23	509
Patents By Year of Application:	323	25	28	24	20	14	11	8	13	9	11	12	5	4	2	509
VANGUARD INTERNATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	168	80	86	74	48	15	8	3	3	1	0	0	4	5	3	498
Patents By Year of Application:	315	71	61	21	10	4	3	0	1	1	4	6	1	0	0	498

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

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SMITHKLINE BEECHAM PLC																
Patents By Year of Grant:	102	67	71	67	41	27	21	17	22	24	17	3	5	10	2	496
Patents By Year of Application:	254	60	36	47	53	18	8	2	9	7	1	1	0	0	0	496
HOECHST CELANESE CORPORATION																
Patents By Year of Grant:	459	22	10	3	0	0	0	0	0	0	0	0	0	0	0	494
Patents By Year of Application:	492	2	0	0	0	0	0	0	0	0	0	0	0	0	0	494
BATTELLE MEMORIAL INSTITUTE																
Patents By Year of Grant:	84	26	23	23	24	45	40	24	32	17	19	28	36	33	36	490
Patents By Year of Application:	144	31	33	60	36	44	25	22	27	20	19	17	9	3	0	490
DELPHI TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	13	17	59	73	92	45	47	38	21	29	28	14	13	489
Patents By Year of Application:	9	39	98	88	91	42	28	43	17	11	11	5	5	2	0	489
MILLIKEN & COMPANY																
Patents By Year of Grant:	0	32	25	29	57	72	49	44	36	19	22	23	31	23	27	489
Patents By Year of Application:	54	44	52	89	52	63	23	17	26	14	18	17	10	10	0	489
ARCO CHEMICAL TECHNOLOGY, L.P.																
Patents By Year of Grant:	317	50	34	18	29	15	12	12	1	0	0	0	0	0	0	488
Patents By Year of Application:	393	16	21	26	20	9	3	0	0	0	0	0	0	0	0	488
PHARMACIA & UPJOHN COMPANY																
Patents By Year of Grant:	61	48	40	44	56	66	53	48	30	13	14	3	6	6	0	488
Patents By Year of Application:	163	44	59	91	59	47	6	7	4	4	2	1	1	0	0	488
JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	251	39	56	52	33	30	10	5	7	2	0	0	1	0	0	486
Patents By Year of Application:	347	51	65	5	9	4	4	1	0	0	0	0	0	0	0	486
UBE INDUSTRIES LTD.																
Patents By Year of Grant:	148	29	21	21	26	40	20	23	14	27	11	16	30	31	29	486
Patents By Year of Application:	199	21	28	37	37	31	33	28	20	20	11	15	6	0	0	486
SHIN-ETSU HANDOTAI CO., LTD.																
Patents By Year of Grant:	136	57	35	38	28	30	18	21	14	20	14	17	14	16	20	478
Patents By Year of Application:	231	42	31	38	32	32	18	14	9	10	9	12	0	0	0	478
KYOWA HAKKO KOGYO CO., LTD																
Patents By Year of Grant:	194	38	22	34	27	31	21	24	26	28	17	12	0	1	0	475
Patents By Year of Application:	281	30	38	50	33	16	15	6	3	3	0	0	0	0	0	475

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
CABOT CORPORATION																
Patents By Year of Grant:	59	37	38	29	48	30	22	31	31	26	16	29	36	24	15	471
Patents By Year of Application:	164	44	32	42	46	34	24	20	26	18	9	8	2	2	0	471
UNIVERSITY OF ILLINOIS																
Patents By Year of Grant:	51	17	14	20	18	25	30	21	28	26	25	39	48	57	48	467
Patents By Year of Application:	89	29	34	25	36	44	26	41	39	42	29	19	7	7	0	467
DSM N.V.																
Patents By Year of Grant:	137	34	66	70	59	58	31	7	3	0	0	0	0	0	0	465
Patents By Year of Application:	267	65	52	49	27	5	0	0	0	0	0	0	0	0	0	465
NOVOZYMES A/S																
Patents By Year of Grant:	0	0	0	46	49	59	27	20	26	41	19	24	34	59	57	461
Patents By Year of Application:	37	45	62	58	35	31	32	24	20	23	27	22	27	12	6	461
JSR CORPORATION																
Patents By Year of Grant:	4	17	26	27	39	41	49	34	48	35	29	26	21	27	37	460
Patents By Year of Application:	57	23	42	53	71	53	43	36	29	19	14	7	11	2	0	460
BOEHRINGER INGELHEIM INTERNATIONAL GMBH																
Patents By Year of Grant:	41	10	4	4	6	5	13	7	15	42	38	66	76	58	73	458
Patents By Year of Application:	59	9	10	7	6	15	45	88	50	61	44	35	18	9	2	458
FMC CORPORATION																
Patents By Year of Grant:	220	36	37	29	26	14	14	10	5	4	3	9	15	14	21	457
Patents By Year of Application:	307	22	26	18	17	8	10	14	11	7	6	3	5	2	1	457
HALLIBURTON ENERGY SERVICES, INC.																
Patents By Year of Grant:	8	10	12	13	16	32	22	24	30	40	41	55	63	57	34	457
Patents By Year of Application:	28	17	16	21	46	42	51	73	51	38	21	36	12	2	3	457
AVERY DENNISON CORPORATION																
Patents By Year of Grant:	131	32	35	23	33	47	37	18	14	10	12	15	15	18	15	455
Patents By Year of Application:	236	23	40	28	38	20	18	18	10	9	5	3	3	4	0	455
DOW CORNING TORAY SILICONE COMPANY LIMITED																
Patents By Year of Grant:	218	62	30	47	38	19	10	2	7	12	6	2	2	0	0	455
Patents By Year of Application:	303	43	34	39	22	11	1	0	1	1	0	0	0	0	0	455
DUKE UNIVERSITY																
Patents By Year of Grant:	94	25	22	33	25	23	16	21	40	20	19	19	34	26	37	454
Patents By Year of Application:	171	36	21	36	35	32	14	19	22	23	17	10	7	10	1	454

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE																
Patents By Year of Grant:	113	42	31	51	34	29	9	16	15	13	13	10	17	15	46	454
Patents By Year of Application:	192	42	47	27	19	25	21	12	13	16	17	15	5	3	0	454
PRAXAIR TECHNOLOGY, INC.																
Patents By Year of Grant:	105	37	29	35	29	30	20	10	13	17	21	22	28	25	31	452
Patents By Year of Application:	183	28	39	26	23	19	15	23	26	18	20	14	14	3	1	452
ECOLAB INC.																
Patents By Year of Grant:	77	19	19	31	37	46	35	23	31	20	28	33	34	13	4	450
Patents By Year of Application:	130	34	50	36	45	44	30	28	15	11	14	10	1	2	0	450
NORTH CAROLINA STATE UNIVERSITY																
Patents By Year of Grant:	92	17	13	24	22	33	36	24	23	20	32	25	27	32	30	450
Patents By Year of Application:	140	21	33	40	41	28	28	19	30	15	22	17	7	7	2	450
ALBEMARLE CORPORATION																
Patents By Year of Grant:	147	44	39	36	24	28	24	7	15	11	10	6	9	20	26	446
Patents By Year of Application:	225	41	34	23	32	12	12	9	13	21	9	11	2	2	0	446
UNIVERSITY OF MINNESOTA, THE REGENTS OF																
Patents By Year of Grant:	137	32	30	28	31	23	26	21	21	19	10	17	16	20	15	446
Patents By Year of Application:	226	37	30	30	22	21	16	12	23	12	9	4	3	1	0	446
LEVER BROTHERS COMPANY, DIVISION OF CONOPCO, INC.																
Patents By Year of Grant:	321	58	32	26	5	1	2	0	0	0	0	0	0	0	0	445
Patents By Year of Application:	428	9	7	1	0	0	0	0	0	0	0	0	0	0	0	445
CLARIANT GMBH																
Patents By Year of Grant:	15	53	68	59	74	63	30	32	47	2	0	0	0	0	0	443
Patents By Year of Application:	141	66	76	68	44	35	11	2	0	0	0	0	0	0	0	443
RHODIA CHIMIE																
Patents By Year of Grant:	0	11	37	57	69	58	36	33	27	29	11	19	27	17	11	442
Patents By Year of Application:	54	56	70	83	69	38	25	24	11	5	4	1	1	1	0	442
DSM IP ASSETS B.V.																
Patents By Year of Grant:	0	0	0	0	0	1	17	38	43	34	53	46	61	58	87	438
Patents By Year of Application:	0	4	3	37	71	77	66	52	40	32	24	16	9	6	1	438
ISP INVESTMENTS INC.																
Patents By Year of Grant:	213	23	23	33	23	29	8	10	19	7	7	3	11	10	14	433
Patents By Year of Application:	263	25	20	27	17	21	19	14	12	5	2	0	7	1	0	433

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
RHONE-POULENC CHIMIE																
Patents By Year of Grant:	350	48	16	11	2	2	4	0	0	0	0	0	0	0	0	433
Patents By Year of Application:	423	5	3	1	1	0	0	0	0	0	0	0	0	0	0	433
SANDIA CORPORATION																
Patents By Year of Grant:	50	37	31	36	32	30	23	15	14	26	27	32	30	19	30	432
Patents By Year of Application:	126	35	32	33	33	23	30	22	25	24	20	18	10	1	0	432
NIPPON PAINT CO., LTD.																
Patents By Year of Grant:	278	27	17	15	24	15	15	7	9	4	5	3	4	3	5	431
Patents By Year of Application:	322	18	14	31	13	14	4	7	4	3	1	0	0	0	0	431
JAPAN SCIENCE AND TECHNOLOGY AGENCY																
Patents By Year of Grant:	0	0	0	0	0	0	14	18	33	54	65	50	92	65	39	430
Patents By Year of Application:	0	0	16	19	68	92	67	63	42	23	14	16	9	1	0	430
ELF ATOCHEM S.A.																
Patents By Year of Grant:	226	68	63	32	17	13	3	4	0	1	0	0	0	0	0	427
Patents By Year of Application:	379	26	14	2	5	1	0	0	0	0	0	0	0	0	0	427
Dongbu Hitek Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	15	82	164	110	52	426
Patents By Year of Application:	0	0	0	0	0	1	3	3	76	140	121	81	1	0	0	426
NISSAN CHEMICAL INDUSTRIES, LTD.																
Patents By Year of Grant:	121	34	31	22	23	15	12	12	13	10	13	24	37	30	29	426
Patents By Year of Application:	185	18	20	23	30	27	25	23	25	18	17	7	4	4	0	426
NORTHWESTERN UNIVERSITY																
Patents By Year of Grant:	91	16	11	27	23	17	13	10	12	16	20	27	42	47	54	426
Patents By Year of Application:	128	22	24	17	25	27	25	26	20	31	32	28	13	8	0	426
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	241	47	43	33	40	18	0	1	1	0	0	0	0	0	0	424
Patents By Year of Application:	334	32	28	29	1	0	0	0	0	0	0	0	0	0	0	424
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	237	62	45	58	21	1	0	0	0	0	0	0	0	0	0	424
Patents By Year of Application:	357	46	16	5	0	0	0	0	0	0	0	0	0	0	0	424
CHUGAI SEIYAKU KABUSHIKI KAISHA																
Patents By Year of Grant:	36	25	18	22	26	35	28	24	24	21	16	18	47	53	30	423
Patents By Year of Application:	100	24	48	43	46	36	37	26	20	17	5	7	13	1	0	423

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

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
FINA TECHNOLOGY, INC.																
Patents By Year of Grant:	56	15	19	25	34	19	27	29	31	23	30	27	22	29	37	423
Patents By Year of Application:	105	29	24	19	36	38	26	39	21	24	34	11	9	7	1	423
GENENCOR INTERNATIONAL, INC.																
Patents By Year of Grant:	95	21	20	42	30	40	22	25	31	26	42	20	6	1	1	422
Patents By Year of Application:	187	28	41	32	31	25	39	14	11	10	4	0	0	0	0	422
MITSUBISHI RAYON CO., LTD.																
Patents By Year of Grant:	133	22	18	22	25	31	22	22	16	9	16	18	22	22	23	421
Patents By Year of Application:	175	19	34	35	49	25	21	15	15	9	9	9	4	1	1	421
TOSOH CORPORATION																
Patents By Year of Grant:	155	30	25	23	25	21	18	23	19	14	10	18	15	11	10	417
Patents By Year of Application:	221	17	21	31	28	25	24	12	16	13	7	1	0	1	0	417
KANSAI PAINT CO., LTD.																
Patents By Year of Grant:	149	22	29	27	34	33	28	18	10	5	5	12	12	19	12	415
Patents By Year of Application:	205	22	37	33	40	19	15	10	6	15	7	3	3	0	0	415
TOYO BOSEKI KABUSHIKI KAISHA																
Patents By Year of Grant:	116	27	25	32	22	29	20	18	15	16	14	21	20	23	17	415
Patents By Year of Application:	176	30	33	33	30	32	22	13	12	17	8	6	2	0	1	415
TEXACO INC.																
Patents By Year of Grant:	283	21	18	10	12	11	12	3	6	7	9	4	7	4	6	413
Patents By Year of Application:	324	13	8	23	11	9	11	2	6	0	4	1	1	0	0	413
UNIVERSITY OF NORTH CAROLINA																
Patents By Year of Grant:	115	37	24	29	17	23	13	16	15	18	17	15	32	20	21	412
Patents By Year of Application:	189	25	26	23	23	24	27	24	20	17	3	5	4	2	0	412
NALCO CHEMICAL COMPANY																
Patents By Year of Grant:	276	32	38	36	29	0	0	0	0	0	0	0	0	0	0	411
Patents By Year of Application:	348	33	26	4	0	0	0	0	0	0	0	0	0	0	0	411
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.																
Patents By Year of Grant:	68	28	25	22	35	36	26	18	19	11	19	16	25	31	30	409
Patents By Year of Application:	127	31	42	58	36	24	15	20	20	11	13	9	3	0	0	409
LG Display Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	41	82	114	102	70	409
Patents By Year of Application:	1	0	2	1	7	14	32	75	88	51	30	57	40	11	0	409

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

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
UNITED STATES OF AMERICA, AIR FORCE																
Patents By Year of Grant:	155	28	26	26	17	22	18	15	7	6	10	16	15	12	17	390
Patents By Year of Application:	212	22	18	19	23	18	18	10	13	9	12	6	7	3	0	390
IMMUNEX CORPORATION																
Patents By Year of Grant:	83	17	23	23	24	37	16	18	28	38	20	13	26	14	7	387
Patents By Year of Application:	157	16	41	33	40	19	16	8	11	17	10	9	8	2	0	387
SABIC Innovative Plastics, IP BV																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	28	89	115	76	77	387
Patents By Year of Application:	0	0	0	2	2	6	33	55	64	97	80	21	14	12	1	387
APPLERA CORPORATION																
Patents By Year of Grant:	0	0	0	3	26	58	82	62	58	49	42	4	0	0	1	385
Patents By Year of Application:	1	4	37	97	100	72	44	17	12	1	0	0	0	0	0	385
MERCK SHARP & DOHME LIMITED																
Patents By Year of Grant:	145	30	40	25	25	18	10	18	21	20	13	8	8	1	3	385
Patents By Year of Application:	208	26	25	27	26	36	16	9	7	3	1	1	0	0	0	385
BP CHEMICALS LIMITED																
Patents By Year of Grant:	137	28	23	27	40	28	16	14	14	13	9	4	9	8	14	384
Patents By Year of Application:	193	32	36	35	22	22	9	9	9	9	4	4	0	0	0	384
FUJISAWA PHARMACEUTICAL CO., LTD.																
Patents By Year of Grant:	192	21	25	40	45	22	16	16	3	0	0	1	0	0	0	381
Patents By Year of Application:	246	42	39	26	19	7	1	1	0	0	0	0	0	0	0	381
EBARA CORPORATION																
Patents By Year of Grant:	49	24	30	16	38	31	41	26	12	29	20	22	11	20	11	380
Patents By Year of Application:	115	19	44	51	40	26	34	14	8	9	11	4	4	1	0	380
ALCOA INC.																
Patents By Year of Grant:	158	27	18	21	25	22	18	14	12	9	10	6	14	9	15	378
Patents By Year of Application:	206	20	24	25	17	29	6	11	7	14	5	6	6	2	0	378
PENN STATE RESEARCH FOUNDATION, INC.																
Patents By Year of Grant:	55	23	26	34	34	30	21	22	16	19	16	15	28	18	20	377
Patents By Year of Application:	114	33	40	37	34	22	23	18	12	13	13	6	9	2	1	377
WASHINGTON UNIVERSITY																
Patents By Year of Grant:	106	45	33	34	16	16	12	12	12	10	13	9	20	19	20	377
Patents By Year of Application:	222	14	23	14	12	18	11	14	10	10	15	7	5	2	0	377

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
GILLETTE COMPANY																
Patents By Year of Grant:	72	18	16	18	31	18	25	22	23	25	16	25	18	22	26	375
Patents By Year of Application:	107	24	38	26	31	48	21	16	14	6	13	18	8	5	0	375
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
Patents By Year of Grant:	0	0	0	5	47	79	61	27	32	13	13	16	22	31	29	375
Patents By Year of Application:	7	23	51	71	74	45	30	18	22	11	10	5	5	3	0	375
IDEMITSU PETROCHEMICAL COMPANY LTD.																
Patents By Year of Grant:	137	23	31	41	48	30	49	9	3	1	1	0	0	0	0	373
Patents By Year of Application:	198	43	46	37	39	8	2	0	0	0	0	0	0	0	0	373
LG. PHILIPS LCD CO., LTD.																
Patents By Year of Grant:	0	1	2	23	42	51	52	39	59	57	46	1	0	0	0	373
Patents By Year of Application:	16	30	47	47	69	56	70	33	4	1	0	0	0	0	0	373
UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED																
Patents By Year of Grant:	76	16	12	15	18	15	13	16	30	34	19	30	25	28	26	373
Patents By Year of Application:	118	14	21	15	25	41	39	23	32	13	15	9	5	3	0	373
AMOCO CORPORATION																
Patents By Year of Grant:	361	10	0	0	0	0	0	0	0	0	0	0	0	0	0	371
Patents By Year of Application:	371	0	0	0	0	0	0	0	0	0	0	0	0	0	0	371
BRIGHAM AND WOMEN'S HOSPITAL, INC.																
Patents By Year of Grant:	94	19	16	29	21	25	27	18	20	14	10	15	23	19	21	371
Patents By Year of Application:	157	21	23	39	28	17	12	19	15	16	11	8	4	1	0	371
YEDA RESEARCH AND DEVELOPMENT CO., LTD.																
Patents By Year of Grant:	83	30	18	18	16	23	20	12	24	21	27	13	22	22	22	371
Patents By Year of Application:	162	14	35	33	23	15	24	14	19	12	9	6	3	2	0	371
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE																
Patents By Year of Grant:	66	28	25	14	13	19	20	15	17	20	20	19	24	41	27	368
Patents By Year of Application:	123	15	8	18	25	30	25	19	26	18	17	25	16	3	0	368
mitsui petrochemical industries ltd.																
Patents By Year of Grant:	348	10	8	1	1	0	0	0	0	0	0	0	0	0	0	368
Patents By Year of Application:	367	1	0	0	0	0	0	0	0	0	0	0	0	0	0	368
SUMITOMO RUBBER INDUSTRIES, LTD.																
Patents By Year of Grant:	88	19	16	20	17	30	24	16	20	17	18	11	24	21	27	368
Patents By Year of Application:	144	11	22	31	30	20	13	16	27	21	9	10	10	4	0	368

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ADVANCED TECHNOLOGY MATERIALS, INC.																
Patents By Year of Grant:	36	25	28	30	34	37	28	17	23	16	19	15	13	25	21	367
Patents By Year of Application:	111	24	28	48	37	27	18	13	12	14	11	9	7	8	0	367
MITSUBISHI HEAVY INDUSTRIES, LTD.																
Patents By Year of Grant:	3	24	19	40	27	47	20	27	14	17	21	19	21	38	30	367
Patents By Year of Application:	56	51	28	35	43	31	28	15	24	22	15	17	2	0	0	367
TEVA PHARMACEUTICAL INDUSTRIES, LTD.																
Patents By Year of Grant:	31	8	2	8	11	26	21	19	30	28	44	48	38	29	24	367
Patents By Year of Application:	41	12	13	29	34	38	36	35	49	30	24	13	10	3	0	367
HERCULES INCORPORATED																
Patents By Year of Grant:	169	22	32	36	28	17	7	6	5	8	4	8	4	13	7	366
Patents By Year of Application:	246	22	29	12	9	9	7	9	4	7	5	4	2	1	0	366
AVENTIS PHARMA SA																
Patents By Year of Grant:	0	0	11	27	76	55	29	36	28	23	10	24	19	17	10	365
Patents By Year of Application:	44	24	57	68	47	30	39	10	10	19	11	2	2	2	0	365
UNIVERSITY OF UTAH RESEARCH FOUNDATION																
Patents By Year of Grant:	76	23	15	30	20	11	20	12	15	20	15	16	28	28	36	365
Patents By Year of Application:	131	29	27	24	16	14	25	29	5	19	15	16	10	5	0	365
UNIVERSITY OF MARYLAND																
Patents By Year of Grant:	67	28	19	16	16	19	15	11	21	16	19	20	29	32	36	364
Patents By Year of Application:	125	18	25	25	16	19	25	24	31	21	15	13	5	2	0	364
ENGELHARD CORPORATION																
Patents By Year of Grant:	96	35	39	30	36	38	28	22	21	12	5	0	1	0	0	363
Patents By Year of Application:	179	28	44	37	37	19	13	6	0	0	0	0	0	0	0	363
UNIVERSITY OF WASHINGTON																
Patents By Year of Grant:	61	22	34	16	19	15	12	13	24	16	19	27	30	22	33	363
Patents By Year of Application:	134	24	18	21	12	20	30	33	13	18	19	10	6	5	0	363
NAN YA TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	7	15	9	14	21	70	61	51	12	13	19	32	18	20	362
Patents By Year of Application:	18	11	10	17	48	107	43	15	13	28	25	7	7	12	1	362
ROCKEFELLER UNIVERSITY																
Patents By Year of Grant:	106	34	42	25	31	11	14	5	18	3	17	17	10	14	15	362
Patents By Year of Application:	212	33	19	18	16	5	13	10	14	4	2	5	6	4	1	362

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
LG ELECTRONICS INC.																
Patents By Year of Grant:	23	13	19	21	26	20	15	12	19	29	21	28	49	38	28	361
Patents By Year of Application:	61	25	26	15	26	21	37	52	30	20	12	20	13	2	1	361
OWENS-CORNING FIBERGLAS TECHNOLOGY, INC.																
Patents By Year of Grant:	158	45	30	31	21	16	24	11	11	14	0	0	0	0	0	361
Patents By Year of Application:	247	28	21	25	22	12	6	0	0	0	0	0	0	0	0	361
EISAI CO., LTD.																
Patents By Year of Grant:	158	17	11	25	23	25	23	15	25	19	9	3	2	4	1	360
Patents By Year of Application:	195	20	24	33	50	20	5	6	1	2	2	0	2	0	0	360
NEC ELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	66	53	42	28	36	30	47	57	1	0	360
Patents By Year of Application:	3	4	23	47	61	45	39	30	44	37	17	10	0	0	0	360
DONALDSON COMPANY, INC.																
Patents By Year of Grant:	45	25	24	20	19	17	17	19	21	19	20	12	16	44	40	358
Patents By Year of Application:	98	18	15	20	21	27	33	21	25	24	14	20	8	14	0	358
MEDTRONIC INC.																
Patents By Year of Grant:	68	27	29	20	15	17	17	15	14	17	11	15	37	28	28	358
Patents By Year of Application:	128	28	14	15	23	30	32	14	19	16	13	15	8	3	0	358
SHIPLEY COMPANY INC.																
Patents By Year of Grant:	90	18	22	17	26	44	55	37	23	22	2	1	1	0	0	358
Patents By Year of Application:	145	16	33	66	48	34	10	3	2	1	0	0	0	0	0	358
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	71	17	21	18	15	24	12	15	12	16	18	12	30	43	33	357
Patents By Year of Application:	108	28	17	21	22	19	17	18	18	24	23	22	17	3	0	357
YALE UNIVERSITY																
Patents By Year of Grant:	83	21	28	24	24	25	15	17	16	12	6	20	24	26	16	357
Patents By Year of Application:	157	29	22	31	21	16	14	18	14	13	5	5	9	3	0	357
IOWA STATE UNIVERSITY RESEARCH FOUNDATION INC.																
Patents By Year of Grant:	136	28	22	19	11	15	15	9	15	19	6	23	19	8	11	356
Patents By Year of Application:	199	15	19	13	17	14	15	16	19	7	11	4	5	2	0	356
TAKEDA PHARMACEUTICAL COMPANY LIMITED																
Patents By Year of Grant:	0	0	0	0	0	0	0	10	42	44	36	46	53	56	69	356
Patents By Year of Application:	0	5	11	31	36	45	43	40	30	32	33	23	14	12	1	356

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
UNIVERSITY OF PITTSBURGH																
Patents By Year of Grant:	66	33	25	32	19	17	21	14	19	12	15	17	21	18	25	354
Patents By Year of Application:	153	19	20	25	19	23	19	17	12	18	14	8	5	2	0	354
ROCHE DIAGNOSTICS OPERATIONS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	6	11	16	29	24	49	71	76	71	353
Patents By Year of Application:	0	0	2	19	22	30	49	45	41	33	46	31	14	18	3	353
SANOFI-AVENTIS																
Patents By Year of Grant:	0	0	0	0	0	0	0	13	26	32	49	43	74	69	47	353
Patents By Year of Application:	1	0	3	7	26	28	7	29	45	64	68	52	20	3	0	353
MITSUBISHI MATERIALS CORPORATION																
Patents By Year of Grant:	145	16	14	17	16	13	12	7	11	12	8	11	14	27	29	352
Patents By Year of Application:	179	14	21	16	13	20	13	11	16	19	11	13	4	2	0	352
ORTHO-MCNEIL PHARMACEUTICAL, INC.																
Patents By Year of Grant:	0	5	19	32	48	48	36	35	39	31	25	8	9	4	13	352
Patents By Year of Application:	18	39	66	67	62	27	20	10	18	9	5	1	10	0	0	352
NEW YORK UNIVERSITY																
Patents By Year of Grant:	77	21	15	17	15	13	19	9	20	24	15	21	32	23	26	347
Patents By Year of Application:	138	16	18	20	21	20	25	21	15	13	16	19	4	1	0	347
AFFYMETRIX, INC.																
Patents By Year of Grant:	13	15	24	44	38	34	28	27	21	15	23	5	16	22	21	346
Patents By Year of Application:	93	34	44	45	30	16	15	12	11	10	11	4	13	8	0	346
TOYODA GOSEI KABUSHIKI KAISHA																
Patents By Year of Grant:	106	23	19	11	21	22	21	31	14	16	9	10	15	12	14	344
Patents By Year of Application:	160	9	22	15	38	28	18	9	15	11	10	5	4	0	0	344
HUELS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	222	54	44	19	2	1	0	0	0	0	0	0	0	0	0	342
Patents By Year of Application:	323	17	1	1	0	0	0	0	0	0	0	0	0	0	0	342
CARGILL, INC.																
Patents By Year of Grant:	65	22	29	22	25	22	19	13	16	15	11	18	16	21	26	340
Patents By Year of Application:	124	28	24	31	24	19	17	20	26	17	3	3	3	1	0	340
SHIONOGI + CO. LTD.																
Patents By Year of Grant:	105	14	24	18	18	14	24	20	18	9	9	12	15	11	29	340
Patents By Year of Application:	146	19	28	27	36	20	10	10	18	8	7	7	3	0	1	340

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM																
Patents By Year of Grant:	84	31	16	28	16	18	14	14	27	13	9	12	17	22	19	340
Patents By Year of Application:	149	31	22	21	27	18	19	16	20	5	6	3	2	1	0	340
ADVANCED CARDIOVASCULAR SYSTEMS, INC.																
Patents By Year of Grant:	10	1	2	4	7	26	19	15	20	30	35	27	56	48	39	339
Patents By Year of Application:	15	10	21	27	41	42	41	34	36	18	24	11	12	7	0	339
FUJI ELECTRIC CO., LTD.																
Patents By Year of Grant:	146	35	24	16	7	18	22	13	14	5	3	0	0	9	27	339
Patents By Year of Application:	202	15	22	17	22	15	7	4	1	4	12	8	8	2	0	339
UNIVERSITY OF SOUTHERN CALIFORNIA																
Patents By Year of Grant:	50	12	13	18	22	16	18	17	23	12	24	18	34	30	32	339
Patents By Year of Application:	86	26	28	20	21	30	19	19	15	21	20	15	16	0	3	339
MERCK SHARP & DOHME CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	99	114	125	338
Patents By Year of Application:	0	0	1	1	1	2	22	41	76	54	47	50	28	14	1	338
UNIVERSITY OF IOWA RESEARCH FOUNDATION																
Patents By Year of Grant:	67	20	7	30	19	20	16	14	20	25	18	14	27	18	23	338
Patents By Year of Application:	122	26	20	31	20	28	19	20	19	11	12	5	4	1	0	338
SAMSUNG ELECTRO-MECHANICS CO., LTD.																
Patents By Year of Grant:	17	6	0	5	8	14	16	13	19	15	23	41	59	49	52	337
Patents By Year of Application:	23	4	5	14	18	21	22	25	47	50	47	43	13	5	0	337
Renesas Electronics Corp.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	30	162	144	336
Patents By Year of Application:	0	0	0	0	1	0	0	4	10	25	45	97	107	47	0	336
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	81	28	23	25	26	18	22	19	10	13	13	6	11	20	19	334
Patents By Year of Application:	140	33	22	23	23	23	13	14	14	12	7	8	2	0	0	334
DAINIPPON INK + CHEMICALS, INC.																
Patents By Year of Grant:	88	20	23	19	21	37	26	22	18	17	10	8	14	6	3	332
Patents By Year of Application:	129	24	29	47	32	30	12	16	11	0	0	1	0	1	0	332
GEN-PROBE INCORPORATED																
Patents By Year of Grant:	101	22	14	11	5	17	9	10	17	14	18	20	25	26	22	331
Patents By Year of Application:	150	5	20	20	13	18	11	12	17	29	11	10	11	4	0	331

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
GENETICS INSTITUTE, INC.																
Patents By Year of Grant:	120	33	19	24	16	20	13	21	18	12	8	14	6	5	1	330
Patents By Year of Application:	208	16	27	26	14	9	9	7	5	2	4	2	1	0	0	330
NATIONAL SCIENCE COUNCIL																
Patents By Year of Grant:	167	39	27	47	33	8	4	2	2	1	0	0	0	0	0	330
Patents By Year of Application:	243	36	32	11	5	2	1	0	0	0	0	0	0	0	0	330
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION																
Patents By Year of Grant:	80	31	14	19	20	16	19	14	17	4	7	16	23	21	27	328
Patents By Year of Application:	149	20	20	29	21	16	13	19	10	11	6	2	5	6	1	328
GUARDIAN INDUSTRIES CORP.																
Patents By Year of Grant:	16	1	4	11	29	33	31	22	25	13	10	29	30	31	43	328
Patents By Year of Application:	20	17	21	46	30	35	31	26	25	25	16	17	10	8	1	328
RUTGERS UNIVERSITY																
Patents By Year of Grant:	72	24	18	16	25	14	17	14	24	19	21	8	16	17	23	328
Patents By Year of Application:	116	29	26	25	20	23	21	15	12	15	9	12	4	1	0	328
UNIVERSITY OF SOUTH FLORIDA																
Patents By Year of Grant:	36	10	14	8	13	7	18	9	18	14	20	25	48	52	36	328
Patents By Year of Application:	67	11	17	16	19	23	27	29	27	37	22	15	15	3	0	328
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	1	3	16	48	51	34	25	15	18	14	15	15	19	31	21	326
Patents By Year of Application:	29	49	49	35	22	21	24	15	29	12	18	11	10	1	1	326
SHISEIDO CO., LTD.																
Patents By Year of Grant:	105	26	27	24	17	19	7	6	7	8	10	5	9	18	37	325
Patents By Year of Application:	166	25	19	15	21	14	8	15	3	9	11	10	6	2	1	325
NIPPON SHEET GLASS CO., LTD.																
Patents By Year of Grant:	43	19	21	22	50	36	36	14	13	15	8	11	21	4	11	324
Patents By Year of Application:	86	31	44	52	32	21	18	12	9	8	8	3	0	0	0	324
AVENTIS PHARMA DEUTSCHLAND GMBH																
Patents By Year of Grant:	0	0	14	54	75	61	54	43	14	2	0	0	1	3	2	323
Patents By Year of Application:	42	42	81	70	52	27	3	1	0	3	1	0	0	1	0	323
ALZA CORPORATION																
Patents By Year of Grant:	136	41	23	25	17	16	6	12	12	11	6	8	1	3	5	322
Patents By Year of Application:	213	29	21	15	9	10	11	6	2	3	1	1	0	1	0	322

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
GENZYME CORPORATION																
Patents By Year of Grant:	58	23	16	13	15	12	17	20	32	21	16	21	25	16	16	321
Patents By Year of Application:	114	14	18	17	29	32	28	21	13	11	10	8	5	1	0	321
INTERNATIONAL FLAVORS + FRAGRANCES INC																
Patents By Year of Grant:	108	3	17	19	19	13	7	11	18	21	17	25	17	15	11	321
Patents By Year of Application:	121	24	19	18	16	22	15	15	15	16	18	13	7	1	1	321
BAUSCH & LOMB, INC.																
Patents By Year of Grant:	68	17	9	16	13	22	20	22	30	14	10	21	15	17	25	319
Patents By Year of Application:	103	10	26	28	16	21	21	22	20	14	19	11	1	5	2	319
DOW AGROSCIENCES LLC																
Patents By Year of Grant:	6	13	14	21	25	12	15	8	8	8	16	22	44	42	65	319
Patents By Year of Application:	39	20	19	18	16	15	20	19	16	32	25	32	28	20	0	319
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V																
Patents By Year of Grant:	61	31	17	13	15	30	13	13	21	8	12	21	19	16	28	318
Patents By Year of Application:	133	18	33	26	16	22	16	12	11	9	4	10	7	1	0	318
NIKON CORPORATION																
Patents By Year of Grant:	66	35	35	41	32	31	22	6	5	2	4	5	9	12	13	318
Patents By Year of Application:	135	41	47	27	18	9	1	10	11	4	5	6	4	0	0	318
AUSIMONT S.P.A.																
Patents By Year of Grant:	143	27	22	32	27	26	25	7	1	1	5	1	0	0	0	317
Patents By Year of Application:	204	27	25	25	30	3	2	0	1	0	0	0	0	0	0	317
THERAVANCE, INC.																
Patents By Year of Grant:	0	0	0	0	6	13	11	18	23	25	32	43	46	44	56	317
Patents By Year of Application:	0	6	10	11	14	14	27	41	38	42	36	28	28	20	2	317
AU OPTRONICS CORP.																
Patents By Year of Grant:	0	0	0	0	4	10	14	21	21	29	36	37	69	38	35	314
Patents By Year of Application:	0	0	1	10	11	38	24	38	48	42	39	25	25	9	4	314
ETHICON, INC.																
Patents By Year of Grant:	60	14	19	16	27	24	16	12	20	19	11	15	23	19	19	314
Patents By Year of Application:	107	26	25	21	30	19	23	20	12	11	9	5	5	1	0	314
SANKYO COMPANY LIMITED																
Patents By Year of Grant:	158	24	17	9	14	14	12	12	15	10	8	6	7	6	2	314
Patents By Year of Application:	199	15	13	19	15	20	7	14	4	3	1	2	2	0	0	314

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
DANA-FARBER CANCER INSTITUTE, INC.																
Patents By Year of Grant:	91	21	14	14	17	11	10	13	21	16	16	13	22	17	17	313
Patents By Year of Application:	163	12	13	16	30	10	14	12	14	15	9	3	2	0	0	313
STATS CHIPPAK LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	2	1	2	13	19	68	93	115	313
Patents By Year of Application:	0	0	0	0	0	0	4	17	48	38	76	64	48	17	1	313
EQUISTAR CHEMICALS, LP																
Patents By Year of Grant:	0	6	14	36	24	28	39	41	34	11	16	18	22	11	12	312
Patents By Year of Application:	19	29	26	32	48	45	22	29	17	14	12	14	5	0	0	312
HITACHI METALS LTD.																
Patents By Year of Grant:	90	19	11	11	17	15	10	8	5	6	7	16	32	29	36	312
Patents By Year of Application:	123	13	15	17	16	7	16	22	20	27	18	9	7	2	0	312
SALK INSTITUTE FOR BIOLOGICAL STUDIES																
Patents By Year of Grant:	107	21	19	24	20	18	17	7	20	15	7	8	9	10	10	312
Patents By Year of Application:	184	20	22	20	13	11	5	7	7	6	8	4	4	1	0	312
BASELL POLYOLEFINE GMBH																
Patents By Year of Grant:	0	0	0	5	30	27	28	34	32	20	21	36	39	21	18	311
Patents By Year of Application:	13	13	32	41	44	50	33	31	20	15	15	1	2	1	0	311
TAKASAGO INTERNATIONAL CORPORATION																
Patents By Year of Grant:	110	24	17	22	24	13	15	11	13	5	6	12	9	15	14	310
Patents By Year of Application:	151	24	13	27	20	13	17	10	14	5	2	7	3	4	0	310
AT&T CORP.																
Patents By Year of Grant:	308	0	0	0	0	0	0	0	0	0	0	0	0	0	0	308
Patents By Year of Application:	308	0	0	0	0	0	0	0	0	0	0	0	0	0	0	308
CYTEC TECHNOLOGY CORP.																
Patents By Year of Grant:	145	23	34	25	13	14	12	5	3	4	5	2	4	8	10	307
Patents By Year of Application:	218	20	12	17	5	5	7	1	3	2	6	1	8	2	0	307
SUMITOMO METAL INDUSTRIES CO., LTD.																
Patents By Year of Grant:	75	18	28	21	28	16	12	10	8	6	12	9	22	18	24	307
Patents By Year of Application:	119	22	30	19	7	18	14	22	9	10	16	7	7	7	0	307
NEUROGEN CORPORATION																
Patents By Year of Grant:	74	24	28	38	39	20	13	17	19	15	8	3	5	2	1	306
Patents By Year of Application:	115	36	43	37	19	23	13	10	6	3	0	0	1	0	0	306

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SEPRACOR INC.																
Patents By Year of Grant:	72	16	33	33	49	19	13	11	19	9	10	9	10	3	0	306
Patents By Year of Application:	122	28	40	33	24	14	15	7	10	3	5	5	0	0	0	306
ADIR ET COMPAGNIE																
Patents By Year of Grant:	230	22	27	24	2	0	0	0	0	0	0	0	0	0	0	305
Patents By Year of Application:	263	19	21	2	0	0	0	0	0	0	0	0	0	0	0	305
PRINCETON UNIVERSITY																
Patents By Year of Grant:	52	15	16	18	27	21	16	18	9	14	17	21	17	27	16	304
Patents By Year of Application:	99	24	20	25	26	22	12	17	21	8	19	5	5	1	0	304
NATIONAL RESEARCH COUNCIL OF CANADA																
Patents By Year of Grant:	70	21	16	14	9	22	19	3	15	25	20	15	23	13	17	302
Patents By Year of Application:	106	26	17	24	20	21	23	16	28	11	6	2	1	1	0	302
CENTRAL GLASS COMPANY, LIMITED																
Patents By Year of Grant:	73	11	13	24	25	17	14	7	18	11	18	16	13	18	23	301
Patents By Year of Application:	105	14	25	24	20	13	25	11	21	16	15	7	3	2	0	301
UNIVATION TECHNOLOGIES, LLC, (US)																
Patents By Year of Grant:	0	2	7	26	24	36	28	49	25	23	10	13	16	19	23	301
Patents By Year of Application:	22	26	32	36	27	42	22	29	10	20	15	13	3	3	1	301
Evonik Degussa GmbH																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	11	30	77	94	88	300
Patents By Year of Application:	0	0	0	0	9	21	27	44	57	47	45	25	16	9	0	300
BAYER MATERIALSCIENCE AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	6	26	33	34	37	60	50	53	299
Patents By Year of Application:	0	1	1	2	4	15	54	57	30	48	42	33	12	0	0	299
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH																
Patents By Year of Grant:	36	14	10	13	12	15	16	16	17	18	23	18	42	25	22	297
Patents By Year of Application:	74	14	19	22	28	19	15	19	25	19	18	10	10	5	0	297
KIMBERLY-CLARK CORPORATION																
Patents By Year of Grant:	271	6	6	6	3	1	0	0	0	0	0	0	1	0	1	295
Patents By Year of Application:	286	6	1	0	0	1	0	1	0	0	0	0	0	0	0	295
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	0	0	0	0	7	26	24	22	24	31	20	27	42	35	36	294
Patents By Year of Application:	0	0	13	39	53	49	30	32	18	29	17	10	3	1	0	294

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
EMORY UNIVERSITY																
Patents By Year of Grant:	79	24	16	15	26	20	16	10	17	13	10	10	20	9	8	293
Patents By Year of Application:	134	21	30	17	19	17	16	6	15	7	5	6	0	0	0	293
UNIVERSITY OF MASSACHUSETTS																
Patents By Year of Grant:	15	27	8	9	10	13	12	8	13	8	17	28	43	40	42	293
Patents By Year of Application:	61	6	15	13	18	18	35	30	18	18	24	19	10	8	0	293
SANDOZ LTD.																
Patents By Year of Grant:	281	10	0	0	0	0	0	0	0	0	0	0	0	0	0	291
Patents By Year of Application:	291	0	0	0	0	0	0	0	0	0	0	0	0	0	0	291
UT-BATTELLE, LLC																
Patents By Year of Grant:	0	0	17	33	37	31	22	12	16	19	11	10	33	27	22	290
Patents By Year of Application:	27	47	29	20	33	24	15	27	15	24	14	9	6	0	0	290
KUREHA KAGAKU KOGYO K.K.																
Patents By Year of Grant:	142	4	9	9	10	11	6	4	9	11	1	14	25	17	17	289
Patents By Year of Application:	156	15	14	12	13	12	18	16	14	8	6	3	1	1	0	289
ROCHE DIAGNOSTICS GMBH																
Patents By Year of Grant:	0	20	38	68	41	37	25	14	12	16	7	5	3	1	2	289
Patents By Year of Application:	124	43	57	25	15	11	3	6	2	1	1	0	1	0	0	289
HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.																
Patents By Year of Grant:	0	0	0	0	0	13	12	20	25	28	22	42	46	39	40	287
Patents By Year of Application:	1	1	4	11	16	38	42	56	27	32	26	18	10	4	1	287
BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG																
Patents By Year of Grant:	0	0	7	22	34	36	35	27	27	23	18	16	21	9	8	283
Patents By Year of Application:	1	22	36	38	48	67	13	21	13	8	12	3	1	0	0	283
BOSTON SCIENTIFIC SCIMED, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	1	9	17	15	30	34	52	60	63	282
Patents By Year of Application:	0	0	3	9	24	35	55	36	32	29	25	21	9	4	0	282
Sanofi-Aventis Deutschland GmbH																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	34	59	51	42	42	32	22	282
Patents By Year of Application:	2	0	2	6	11	54	68	25	32	40	18	19	2	3	0	282
CHEVRON PHILLIPS CHEMICAL COMPANY LP																
Patents By Year of Grant:	0	0	0	6	10	16	16	14	31	27	22	32	32	37	38	281
Patents By Year of Application:	4	4	18	20	15	33	37	32	25	32	12	20	15	10	4	281

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ONO PHARMACEUTICAL COMPANY, LIMITED																
Patents By Year of Grant:	63	9	9	14	18	17	10	10	12	20	17	20	24	18	18	279
Patents By Year of Application:	85	9	23	23	26	27	27	21	9	8	6	7	7	1	0	279
OTSUKA PHARMACEUTICAL CO., LTD.																
Patents By Year of Grant:	114	12	14	9	9	9	7	4	11	3	8	9	27	22	19	277
Patents By Year of Application:	141	5	16	19	7	11	17	16	14	10	8	7	6	0	0	277
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	269	5	3	0	0	0	0	0	0	0	0	0	0	0	0	277
Patents By Year of Application:	277	0	0	0	0	0	0	0	0	0	0	0	0	0	0	277
IBIDEN CO., LTD.																
Patents By Year of Grant:	21	3	5	13	9	5	1	11	6	4	18	27	45	58	49	275
Patents By Year of Application:	31	12	7	13	8	16	12	22	40	40	41	20	10	2	1	275
THOMAS JEFFERSON UNIVERSITY																
Patents By Year of Grant:	80	24	23	34	28	21	10	8	5	8	4	7	14	2	5	273
Patents By Year of Application:	169	24	23	17	10	7	6	5	3	2	3	1	3	0	0	273
UNIVERSITY OF FLORIDA																
Patents By Year of Grant:	106	21	34	29	12	18	13	15	14	5	2	3	1	0	0	273
Patents By Year of Application:	179	17	13	28	16	11	5	2	0	2	0	0	0	0	0	273
UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION																
Patents By Year of Grant:	39	16	17	16	24	14	12	15	15	11	16	18	23	16	20	272
Patents By Year of Application:	78	19	21	30	19	16	20	11	18	11	12	6	7	4	0	272
CHILDREN'S MEDICAL CENTER CORPORATION																
Patents By Year of Grant:	53	16	18	16	14	21	22	12	15	13	18	10	18	11	14	271
Patents By Year of Application:	108	27	20	15	28	17	7	14	17	5	9	3	1	0	0	271
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	12	7	8	17	11	19	15	8	12	12	24	15	42	37	32	271
Patents By Year of Application:	39	6	22	21	25	17	15	10	33	24	19	24	13	3	0	271
BEIERSDORF AKTIENGESELLSCHAFT																
Patents By Year of Grant:	56	26	22	19	31	33	21	12	9	16	2	3	10	5	5	270
Patents By Year of Application:	122	35	34	21	17	6	19	7	6	1	0	1	1	0	0	270
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH																
Patents By Year of Grant:	75	11	15	18	13	20	15	16	16	9	7	13	17	10	15	270
Patents By Year of Application:	133	13	19	22	22	18	10	9	7	3	3	5	5	1	0	270

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
BASF COATINGS AG																
Patents By Year of Grant:	0	17	28	30	20	34	32	20	29	10	9	17	12	11	0	269
Patents By Year of Application:	56	26	19	59	59	21	10	3	13	3	0	0	0	0	0	269
FORD MOTOR COMPANY																
Patents By Year of Grant:	197	19	14	5	0	4	5	5	2	2	3	2	0	3	8	269
Patents By Year of Application:	229	6	1	8	2	5	5	3	2	4	0	2	2	0	0	269
KYOCERA CORPORATION																
Patents By Year of Grant:	56	15	11	12	15	21	11	10	11	13	13	16	14	25	26	269
Patents By Year of Application:	89	10	13	21	17	17	20	21	16	21	11	10	2	1	0	269
S.O.I. TEC SILICON ON INSULATOR TECHNOLOGIES S.A.																
Patents By Year of Grant:	0	0	0	0	2	1	4	23	33	35	30	36	29	28	47	268
Patents By Year of Application:	0	0	4	1	4	36	38	46	37	32	29	23	7	10	1	268
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	99	32	26	21	25	34	6	14	2	2	3	2	0	1	0	267
Patents By Year of Application:	152	29	43	22	9	9	2	1	0	0	0	0	0	0	0	267
CONOCOPHILLIPS COMPANY																
Patents By Year of Grant:	0	0	0	0	0	21	31	41	41	24	27	23	18	32	8	266
Patents By Year of Application:	1	1	9	23	66	46	27	23	15	10	20	13	7	5	0	266
EVEREADY BATTERY COMPANY, INC.																
Patents By Year of Grant:	65	10	13	34	14	15	10	9	3	4	10	16	25	18	19	265
Patents By Year of Application:	106	23	17	17	9	11	16	7	12	21	9	4	4	8	1	265
METSO PAPER, INC.																
Patents By Year of Grant:	0	0	0	3	37	24	30	27	21	21	27	15	21	20	19	265
Patents By Year of Application:	1	6	32	45	49	45	20	23	18	9	11	4	2	0	0	265
RESEARCH CORPORATION TECHNOLOGIES, INC.																
Patents By Year of Grant:	175	20	17	12	6	7	11	3	6	2	0	0	2	0	3	264
Patents By Year of Application:	222	12	6	9	8	3	0	0	0	4	0	0	0	0	0	264
INTERNATIONAL PAPER CO.																
Patents By Year of Grant:	107	19	13	14	8	13	5	4	7	4	8	9	23	18	11	263
Patents By Year of Application:	151	9	8	10	9	15	7	2	15	10	7	10	9	1	0	263
KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY																
Patents By Year of Grant:	66	21	27	25	17	9	15	11	6	5	7	2	13	15	24	263
Patents By Year of Application:	109	22	23	18	12	12	8	12	6	17	7	17	0	0	0	263

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SYNGENTA CROP PROTECTION, INC.																
Patents By Year of Grant:	0	0	0	21	29	17	19	22	15	19	10	21	24	26	40	263
Patents By Year of Application:	8	15	33	19	43	40	22	26	18	15	13	5	5	1	0	263
PALL CORPORATION																
Patents By Year of Grant:	142	7	12	8	12	9	8	8	7	6	10	2	10	12	9	262
Patents By Year of Application:	165	11	10	20	10	5	6	9	6	5	9	1	2	3	0	262
YOKOHAMA RUBBER CO., LTD.																
Patents By Year of Grant:	44	10	19	14	17	22	14	13	8	7	7	12	23	25	27	262
Patents By Year of Application:	78	19	21	16	17	16	15	8	9	23	19	13	3	4	1	262
BOC GROUP, INC.																
Patents By Year of Grant:	107	22	17	14	25	17	12	13	15	7	5	5	0	1	0	260
Patents By Year of Application:	146	21	25	20	16	11	10	4	7	0	0	0	0	0	0	260
SANOFI, S.A.																
Patents By Year of Grant:	167	32	10	2	1	0	0	0	0	0	0	0	0	0	48	260
Patents By Year of Application:	210	2	0	0	0	0	0	0	0	3	2	13	18	10	2	260
MORTON INTERNATIONAL, INC.																
Patents By Year of Grant:	162	39	29	19	9	0	1	0	0	0	0	0	0	0	0	259
Patents By Year of Application:	229	25	1	4	0	0	0	0	0	0	0	0	0	0	0	259
UNIVERSITY OF BRITISH COLUMBIA																
Patents By Year of Grant:	75	26	13	22	13	10	17	9	7	13	10	10	12	9	12	258
Patents By Year of Application:	132	17	17	25	17	10	5	11	8	3	5	5	0	2	1	258
SHINKO ELECTRIC INDUSTRIES CO., LTD.																
Patents By Year of Grant:	21	10	5	8	8	9	18	12	16	26	20	18	35	32	17	255
Patents By Year of Application:	36	9	10	5	17	22	21	35	26	18	27	17	12	0	0	255
HAYASHIBARA BIOCHEMICAL LABORATORIES INCORPORATED																
Patents By Year of Grant:	87	39	17	17	13	12	8	3	8	12	7	7	13	6	5	254
Patents By Year of Application:	156	16	14	17	13	9	8	5	8	6	0	0	0	2	0	254
MOSEL VITELIC, INCORPORATED																
Patents By Year of Grant:	39	30	48	41	30	14	22	8	8	6	5	2	0	1	0	254
Patents By Year of Application:	117	45	25	14	24	9	10	6	3	0	1	0	0	0	0	254
PURDUE RESEARCH FOUNDATION																
Patents By Year of Grant:	63	13	5	9	18	13	11	14	12	15	6	17	19	18	21	254
Patents By Year of Application:	87	13	24	14	27	20	12	15	7	16	11	8	0	0	0	254

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
WINBOND ELECTRONICS CORP.																
Patents By Year of Grant:	39	36	27	40	33	18	22	8	6	3	2	5	1	2	4	246
Patents By Year of Application:	110	29	29	22	25	11	5	5	0	2	2	2	2	2	0	246
ALCON LABORATORIES, INC.																
Patents By Year of Grant:	156	29	22	30	6	2	0	0	0	0	0	0	0	0	0	245
Patents By Year of Application:	208	28	4	5	0	0	0	0	0	0	0	0	0	0	0	245
MCNEIL-PPC, INC.																
Patents By Year of Grant:	92	21	20	12	16	10	10	4	8	9	6	2	10	10	15	245
Patents By Year of Application:	138	22	9	15	15	13	7	4	8	4	0	4	5	0	1	245
NIPPON ZEON CO., LTD.																
Patents By Year of Grant:	136	20	26	20	22	9	10	0	0	1	1	0	0	0	0	245
Patents By Year of Application:	186	22	23	10	2	0	2	0	0	0	0	0	0	0	0	245
INTERUNIVERSITAIR MICRO-ELEKTRONICA CENTRUM (IMEC VZW)																
Patents By Year of Grant:	8	3	8	12	12	19	10	11	8	16	20	21	30	31	35	244
Patents By Year of Application:	25	11	13	19	9	12	21	31	28	21	20	18	10	6	0	244
KODAK POLYCHROME GRAPHICS, LLC																
Patents By Year of Grant:	7	24	22	29	40	46	34	39	3	0	0	0	0	0	0	244
Patents By Year of Application:	52	39	50	37	41	21	3	1	0	0	0	0	0	0	0	244
GEORGIA TECH RESEARCH CORP.																
Patents By Year of Grant:	47	9	17	11	9	14	8	12	14	13	14	9	18	20	27	242
Patents By Year of Application:	77	10	13	13	15	21	16	14	19	15	14	6	7	1	1	242
SANDVIK AKTIEBOLAG																
Patents By Year of Grant:	96	32	16	37	20	13	19	7	2	0	0	0	0	0	0	242
Patents By Year of Application:	150	18	34	21	13	4	2	0	0	0	0	0	0	0	0	242
UNIVERSITY OF NEBRASKA, THE BOARD OF REGENTS OF																
Patents By Year of Grant:	77	18	22	13	15	10	16	5	13	10	12	6	14	4	7	242
Patents By Year of Application:	126	19	20	15	12	13	10	6	5	5	4	4	3	0	0	242
ROUSSEL-UCLAF																
Patents By Year of Grant:	233	8	0	0	0	0	0	0	0	0	0	0	0	0	0	241
Patents By Year of Application:	241	0	0	0	0	0	0	0	0	0	0	0	0	0	0	241
THE CLOROX COMPANY																
Patents By Year of Grant:	81	18	17	14	13	4	2	5	8	9	14	19	16	12	9	241
Patents By Year of Application:	120	15	8	8	2	7	12	10	10	13	18	6	9	3	0	241

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
VANDERBILT UNIVERSITY																
Patents By Year of Grant:	36	12	16	17	17	17	16	10	16	11	12	13	11	14	23	241
Patents By Year of Application:	78	25	18	21	20	15	12	13	8	11	11	5	4	0	0	241
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	80	11	13	5	2	3	5	6	4	15	31	11	15	16	23	240
Patents By Year of Application:	106	4	2	3	5	14	9	24	16	20	18	13	4	1	1	240
VOITH PAPER PATENT GMBH																
Patents By Year of Grant:	0	0	0	0	9	21	19	19	16	11	17	21	38	40	29	240
Patents By Year of Application:	0	0	3	39	23	26	25	23	25	25	14	14	9	14	0	240
NORTHROP GRUMMAN CORPORATION																
Patents By Year of Grant:	72	29	23	17	8	17	14	10	19	7	9	10	4	0	0	239
Patents By Year of Application:	125	18	15	13	13	18	19	6	11	0	1	0	0	0	0	239
Samsung Mobile Display Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	42	68	85	44	239
Patents By Year of Application:	0	0	0	0	1	3	15	36	73	38	27	22	15	9	0	239
UNIVERSITY OF ARKANSAS																
Patents By Year of Grant:	28	16	8	17	10	21	6	13	19	12	10	14	20	19	26	239
Patents By Year of Application:	66	8	21	18	21	20	10	15	11	16	9	14	8	2	0	239
FIRMENICH SA																
Patents By Year of Grant:	54	8	11	13	13	9	14	9	11	14	8	13	17	18	26	238
Patents By Year of Application:	73	10	15	11	21	12	13	8	21	29	11	9	4	1	0	238
SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A.																
Patents By Year of Grant:	58	12	14	13	21	9	14	10	8	7	9	10	21	20	12	238
Patents By Year of Application:	80	15	18	25	22	16	12	13	10	13	9	0	4	1	0	238
UNIVERSITY OF CHICAGO																
Patents By Year of Grant:	52	16	10	11	19	16	18	13	19	9	8	12	11	14	10	238
Patents By Year of Application:	86	9	27	20	30	16	9	8	15	8	3	1	3	3	0	238
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.																
Patents By Year of Grant:	65	10	18	17	17	9	8	11	5	6	7	12	14	14	25	238
Patents By Year of Application:	99	23	18	13	4	12	13	16	6	9	11	9	5	0	0	238
BRISTOL-MYERS SQUIBB PHARMA COMPANY																
Patents By Year of Grant:	0	0	0	2	41	49	44	40	23	14	16	4	4	0	0	237
Patents By Year of Application:	8	18	37	59	43	26	19	7	8	7	4	1	0	0	0	237

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
CHURCH + DWIGHT CO., INC.																
Patents By Year of Grant:	161	23	9	6	10	4	3	0	2	2	2	0	3	4	8	237
Patents By Year of Application:	198	4	3	9	5	2	2	1	2	3	3	2	3	0	0	237
CORIXA CORPORATION																
Patents By Year of Grant:	6	8	5	19	32	41	22	19	17	13	10	9	7	22	7	237
Patents By Year of Application:	60	29	51	26	14	10	6	4	10	18	1	3	3	2	0	237
SCHOTT AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	4	33	31	25	36	38	35	35	237
Patents By Year of Application:	0	0	5	9	35	38	27	35	20	26	15	13	12	2	0	237
HUGHES AIRCRAFT COMPANY																
Patents By Year of Grant:	235	0	0	0	0	0	0	0	0	0	0	0	0	0	0	235
Patents By Year of Application:	235	0	0	0	0	0	0	0	0	0	0	0	0	0	0	235
GOLDSCHMIDT GBMH																
Patents By Year of Grant:	84	17	10	25	15	16	10	8	11	10	10	12	6	0	0	234
Patents By Year of Application:	115	20	16	18	13	17	11	8	11	5	0	0	0	0	0	234
GRUENENTHAL GMBH																
Patents By Year of Grant:	17	5	10	7	6	12	14	8	14	18	18	13	24	29	39	234
Patents By Year of Application:	32	4	12	5	23	25	21	19	30	13	20	21	9	0	0	234
KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO																
Patents By Year of Grant:	64	18	18	18	18	12	16	7	8	8	9	8	10	14	6	234
Patents By Year of Application:	103	22	16	16	23	14	8	6	7	8	9	1	1	0	0	234
BAYLOR COLLEGE OF MEDICINE																
Patents By Year of Grant:	71	18	24	12	16	15	10	6	12	11	14	5	9	5	5	233
Patents By Year of Application:	137	10	19	10	13	12	14	5	5	4	4	0	0	0	0	233
CRYOVAC, INC.																
Patents By Year of Grant:	4	17	22	38	23	31	16	11	7	8	9	12	14	13	8	233
Patents By Year of Application:	89	32	21	18	11	18	8	10	9	7	3	2	2	3	0	233
LEXMARK INTERNATIONAL, INC.																
Patents By Year of Grant:	36	26	18	18	19	16	12	10	11	7	15	8	10	11	16	233
Patents By Year of Application:	80	18	15	20	14	12	19	18	6	11	10	7	3	0	0	233
HITACHI MAXELL, LTD.																
Patents By Year of Grant:	59	17	17	6	10	9	9	15	13	16	16	14	18	8	5	232
Patents By Year of Application:	96	7	10	15	12	26	20	17	14	4	7	3	0	1	0	232

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
UAB RESEARCH FOUNDATION																
Patents By Year of Grant:	38	21	19	16	17	28	21	11	7	13	3	7	7	9	10	227
Patents By Year of Application:	92	22	29	23	20	8	7	4	4	8	1	0	5	4	0	227
MILLIPORE CORPORATION																
Patents By Year of Grant:	53	9	8	5	8	7	8	9	17	16	11	16	24	28	7	226
Patents By Year of Application:	71	8	14	12	22	16	21	19	12	7	11	7	6	0	0	226
S. C. JOHNSON + SON, INC.																
Patents By Year of Grant:	54	29	11	9	18	13	14	5	5	6	11	13	16	8	14	226
Patents By Year of Application:	102	14	13	14	15	5	5	15	14	10	5	9	5	0	0	226
WELLA AG																
Patents By Year of Grant:	36	17	18	11	22	21	22	9	23	8	17	13	7	1	1	226
Patents By Year of Application:	72	14	20	27	42	12	25	11	1	1	1	0	0	0	0	226
HALDOR TOPSOE A/S																
Patents By Year of Grant:	49	13	17	11	9	17	15	10	17	7	9	13	20	9	9	225
Patents By Year of Application:	71	20	15	25	8	24	14	12	13	6	3	11	3	0	0	225
JAPAN TOBACCO INC.																
Patents By Year of Grant:	59	13	16	14	11	8	6	6	9	25	9	7	11	18	13	225
Patents By Year of Application:	91	17	15	13	15	18	12	13	7	8	6	3	6	1	0	225
JOHNSON MATTHEY PUBLIC LIMITED COMPANY																
Patents By Year of Grant:	46	7	10	4	8	6	14	13	21	10	18	10	19	13	26	225
Patents By Year of Application:	64	5	17	24	26	13	18	15	10	10	5	4	7	7	0	225
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY																
Patents By Year of Grant:	26	10	20	18	19	20	8	9	9	9	9	8	14	19	26	224
Patents By Year of Application:	58	15	31	12	16	11	16	11	11	17	8	9	8	1	0	224
SUNTORY LTD.																
Patents By Year of Grant:	92	27	21	25	13	11	9	5	6	6	5	4	0	0	0	224
Patents By Year of Application:	151	26	17	13	7	6	1	2	1	0	0	0	0	0	0	224
SYMIX TECHNOLOGIES, INC.																
Patents By Year of Grant:	1	1	10	18	36	34	37	34	26	13	7	6	1	0	0	224
Patents By Year of Application:	26	28	50	37	35	18	15	10	4	1	0	0	0	0	0	224
ADVANCED SEMICONDUCTOR ENGINEERING, INC.																
Patents By Year of Grant:	0	0	0	13	17	11	17	15	30	24	23	23	24	13	13	223
Patents By Year of Application:	0	8	15	15	15	21	43	31	26	10	20	10	7	2	0	223

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
VALENCE TECHNOLOGY, INC.																
Patents By Year of Grant:	106	16	14	10	10	9	10	10	8	5	4	3	5	4	4	218
Patents By Year of Application:	145	7	12	11	12	5	8	7	6	1	2	0	1	1	0	218
WEYERHAEUSER COMPANY																
Patents By Year of Grant:	61	10	4	15	21	29	22	7	21	15	12	0	1	0	0	218
Patents By Year of Application:	85	14	20	24	22	30	14	6	2	0	1	0	0	0	0	218
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE																
Patents By Year of Grant:	43	13	15	9	8	12	9	6	11	11	13	12	12	21	21	216
Patents By Year of Application:	85	14	14	19	15	12	14	9	10	7	8	7	0	2	0	216
LINTEC CORPORATION																
Patents By Year of Grant:	29	12	11	13	9	15	18	18	10	10	9	7	18	20	17	216
Patents By Year of Application:	60	10	7	24	19	17	15	22	7	12	13	7	1	2	0	216
POLAROID CORPORATION																
Patents By Year of Grant:	164	18	8	8	5	6	2	2	3	0	0	0	0	0	0	216
Patents By Year of Application:	193	4	9	3	2	3	2	0	0	0	0	0	0	0	0	216
WILLIAM WRIGLEY JR. COMPANY																
Patents By Year of Grant:	101	13	14	10	13	20	10	7	10	2	5	4	2	3	2	216
Patents By Year of Application:	131	13	24	16	10	9	2	4	4	1	0	2	0	0	0	216
CONOPCO, INC.																
Patents By Year of Grant:	2	0	0	3	2	3	1	2	4	17	12	14	39	43	73	215
Patents By Year of Application:	5	1	5	1	4	7	17	35	36	27	31	27	15	4	0	215
WESTVACO CORPORATION																
Patents By Year of Grant:	131	21	27	16	15	5	0	0	0	0	0	0	0	0	0	215
Patents By Year of Application:	173	22	13	5	2	0	0	0	0	0	0	0	0	0	0	215
WILLIAM MARSH RICE UNIVERSITY																
Patents By Year of Grant:	8	0	2	4	8	4	16	17	28	19	21	17	26	24	21	215
Patents By Year of Application:	13	3	11	40	20	27	19	23	18	21	8	5	4	2	1	215
NISSHINBO INDUSTRIES, INC.																
Patents By Year of Grant:	53	20	24	22	19	21	16	16	7	7	4	0	4	1	0	214
Patents By Year of Application:	97	28	26	25	15	12	5	2	2	1	0	1	0	0	0	214
CYPRESS SEMICONDUCTOR CORP.																
Patents By Year of Grant:	26	8	10	11	12	24	32	26	13	12	11	3	4	11	10	213
Patents By Year of Application:	59	11	20	25	44	5	15	8	6	6	9	3	2	0	0	213

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
HITACHI HIGH-TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	5	15	17	13	18	15	36	43	51	213
Patents By Year of Application:	0	0	1	1	20	26	32	20	19	22	41	17	8	6	0	213
SPANSION LLC																
Patents By Year of Grant:	0	0	0	0	0	0	1	0	15	32	24	15	49	54	22	212
Patents By Year of Application:	0	0	0	2	2	3	28	46	40	30	34	8	12	6	1	212
FLORIDA STATE UNIVERSITY																
Patents By Year of Grant:	45	7	14	6	17	9	9	9	9	11	5	13	21	16	20	211
Patents By Year of Application:	72	12	11	6	16	11	7	14	12	16	4	14	11	2	3	211
TEXAS A AND M UNIVERSITY																
Patents By Year of Grant:	46	13	8	13	17	12	9	9	13	13	5	13	15	5	20	211
Patents By Year of Application:	78	11	13	15	18	11	13	11	13	9	6	7	4	1	1	211
UNIVERSITY OF OKLAHOMA																
Patents By Year of Grant:	46	13	15	19	7	9	3	6	19	18	9	17	13	10	7	211
Patents By Year of Application:	77	21	6	14	14	13	9	13	18	14	4	7	1	0	0	211
Arkema France																
Patents By Year of Grant:	0	0	0	0	0	0	1	19	35	18	10	19	25	32	51	210
Patents By Year of Application:	1	1	6	13	20	22	32	24	25	25	10	17	11	2	1	210
Fujitsu Semiconductor Limited																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	46	100	64	210
Patents By Year of Application:	0	0	0	0	0	2	3	7	21	21	52	51	38	14	1	210
ARCHER-DANIELS-MIDLAND COMPANY																
Patents By Year of Grant:	10	11	8	11	21	13	14	11	14	9	17	14	18	21	17	209
Patents By Year of Application:	34	10	28	17	26	11	8	20	12	15	17	5	2	3	1	209
ELAN PHARMACEUTICALS, INC.																
Patents By Year of Grant:	0	5	9	12	14	16	7	12	21	26	20	20	26	13	8	209
Patents By Year of Application:	27	14	17	18	24	24	20	23	16	9	8	7	2	0	0	209
PROMOS TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	1	13	14	27	20	19	24	30	18	20	15	3	4	1	209
Patents By Year of Application:	13	15	20	25	27	34	29	19	15	6	4	1	0	1	0	209
SEIKO INSTRUMENTS INC.																
Patents By Year of Grant:	59	11	11	15	18	16	8	4	4	4	6	8	11	15	19	209
Patents By Year of Application:	94	13	13	11	10	4	10	8	10	12	8	6	9	1	0	209

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	Pre															
	1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
FURUKAWA ELECTRIC CO., LTD.																
Patents By Year of Grant:	68	11	9	10	11	12	18	8	3	2	3	3	10	20	20	208
Patents By Year of Application:	93	7	12	20	14	6	2	5	6	11	12	10	10	0	0	208
SILVERBROOK RESEARCH PTY. LTD																
Patents By Year of Grant:	0	0	2	35	8	3	11	10	28	17	22	11	23	27	11	208
Patents By Year of Application:	43	1	6	7	11	16	23	27	12	18	20	13	7	4	0	208
BIOMERIEUX SA																
Patents By Year of Grant:	36	17	9	9	12	16	6	11	11	14	11	14	16	7	18	207
Patents By Year of Application:	80	14	19	21	15	10	12	8	12	3	10	1	2	0	0	207
MITSUBISHI KASEI CORP.																
Patents By Year of Grant:	205	1	1	0	0	0	0	0	0	0	0	0	0	0	0	207
Patents By Year of Application:	207	0	0	0	0	0	0	0	0	0	0	0	0	0	0	207
ASTELLAS PHARMA INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	2	34	39	26	15	28	34	28	206
Patents By Year of Application:	0	0	1	12	17	34	33	29	23	23	15	13	5	1	0	206
DEGUSSA-HUELS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	15	55	80	42	7	5	1	0	0	0	0	0	0	1	206
Patents By Year of Application:	59	100	38	7	0	2	0	0	0	0	0	0	0	0	0	206
FERRO CORPORATION																
Patents By Year of Grant:	72	9	10	9	10	16	12	6	13	10	2	8	13	6	10	206
Patents By Year of Application:	93	9	11	14	10	23	9	11	9	8	2	5	1	1	0	206
SUMITOMO BAKELITE CO. LTD.																
Patents By Year of Grant:	39	9	9	16	13	21	13	9	5	4	9	6	9	22	22	206
Patents By Year of Application:	61	12	23	13	17	10	9	16	13	12	11	6	2	1	0	206
BOSTON UNIVERSITY																
Patents By Year of Grant:	61	13	14	15	10	12	6	8	5	9	7	8	14	8	15	205
Patents By Year of Application:	101	12	16	14	7	11	5	13	3	7	3	6	6	1	0	205
CHESEBROUGH-POND'S USA CO., DIVISION OF CONOPCO, INC.																
Patents By Year of Grant:	157	18	19	7	0	2	1	1	0	0	0	0	0	0	0	205
Patents By Year of Application:	194	7	3	1	0	0	0	0	0	0	0	0	0	0	0	205
Greatbatch Ltd.																
Patents By Year of Grant:	44	8	21	18	20	30	22	2	0	3	5	6	13	5	8	205
Patents By Year of Application:	76	17	23	47	3	2	6	9	10	6	1	0	4	1	0	205

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
OREGON HEALTH SCIENCES UNIVERSITY																
Patents By Year of Grant:	59	13	20	13	14	8	9	5	7	6	10	9	8	14	9	204
Patents By Year of Application:	105	13	13	13	15	6	5	4	7	9	8	2	2	2	0	204
ZEON CORPORATION																
Patents By Year of Grant:	0	0	0	2	7	14	15	20	17	16	21	15	22	27	28	204
Patents By Year of Application:	2	1	5	28	33	28	31	15	18	14	18	8	2	1	0	204
SHIMADZU CORPORATION																
Patents By Year of Grant:	56	8	15	12	8	8	8	11	8	14	6	11	9	15	14	203
Patents By Year of Application:	81	9	15	13	7	9	13	18	14	13	8	1	1	1	0	203
YAMAHA CORPORATION																
Patents By Year of Grant:	76	21	22	11	8	8	6	6	7	5	3	8	12	7	3	203
Patents By Year of Application:	122	11	7	11	11	3	6	5	11	12	2	2	0	0	0	203
NIPPONDENSO CO., LTD.																
Patents By Year of Grant:	159	28	7	6	2	0	0	0	0	0	0	0	0	0	0	202
Patents By Year of Application:	199	1	2	0	0	0	0	0	0	0	0	0	0	0	0	202
Novartis Vaccines and Diagnostics, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	8	11	33	46	48	25	31	202
Patents By Year of Application:	13	2	5	10	9	24	26	39	23	17	16	12	5	1	0	202
UNILEVER PATENT HOLDINGS B.V.																
Patents By Year of Grant:	133	13	17	14	13	7	2	0	1	1	0	1	0	0	0	202
Patents By Year of Application:	169	12	15	4	1	1	0	0	0	0	0	0	0	0	0	202
BETZ LABORATORIES INC.																
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
BETZDEARBORN INC.																
Patents By Year of Grant:	106	40	30	15	7	2	0	1	0	0	0	0	0	0	0	201
Patents By Year of Application:	175	17	6	2	1	0	0	0	0	0	0	0	0	0	0	201
MITSUBISHI PAPER MILLS, LTD.																
Patents By Year of Grant:	98	12	11	11	12	16	7	11	2	0	3	2	5	4	6	200
Patents By Year of Application:	124	16	15	12	12	4	2	3	2	7	3	0	0	0	0	200
UNIVERSITY OF CENTRAL FLORIDA																
Patents By Year of Grant:	11	3	0	3	4	11	9	5	8	11	10	21	26	37	41	200
Patents By Year of Application:	14	5	4	9	15	16	10	18	18	26	22	18	15	10	0	200

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
W. L. GORE & ASSOCIATES, INC.																
Patents By Year of Grant:	137	32	18	3	2	0	0	0	0	0	0	0	0	0	8	200
Patents By Year of Application:	186	4	2	0	0	0	0	0	0	2	0	1	4	1	0	200
Other Organizations (54372)																
Patents By Year of Grant:	75786	17294	16858	18032	18097	17065	15334	12251	13698	13185	12824	14362	20655	21921	24751	312113
Patents By Year of Application:	117141	19232	20498	21538	21438	18701	16776	15466	15582	14908	12146	9229	6018	3042	398	312113