

TECHNOLOGY ASSESSMENT AND FORECAST REPORT

CHEMICAL CLASSES

1977 - December 2004



July 2005
U.S. PATENT AND TRADEMARK OFFICE
OFFICE OF ELECTRONIC INFORMATION PRODUCTS - PTMD
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A PTMD TAF DATABASE REPORT

Technology Profile Report - CHEMICAL Classes

Explanation of Data

This Technology Profile Report profiles the patent activity for U.S. utility patents * granted between **1977** and **December 2004** 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 1991**" column, correspond to selected patents * in the data base which were granted during the period **1977 to 1990**.

Part B

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

DATA FOR THOSE APPLICATIONS WHICH WERE FILED BUT NEVER ISSUED
(ROUGHLY 25% OF TOTAL FILINGS) ARE NOT INCLUDED IN THIS REPORT.

Since the average time period between filing for a patent and the issuing of the patent (i.e., a patent's "pendency") is now about 24 months, the patented application data for applications filed from **1999 to DECEMBER 2004** are incomplete.** This is because a significant number of the applications filed from **1999 to DECEMBER 2004**, which will ultimately become patents, were still pending in **DECEMBER 2004**. Since they had not yet become patents at the time this report was prepared, they were not included in this report.

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

of funds to print patents. Note that a patent's "pendency" can be quite variable from one patent to another thereby affecting the date of patent grant. Such variation in pendency is determined by many factors, including PTO workload (which varies between technologies), budget and manpower levels, patent printing schedules, etc.

"Patents Granted By Date of Patent Application", as shown in the "**Pre 1991**" column, correspond to patent grants in the report which were filed prior to **1991**.

----- Parts of the Report

Parts A1 and A2 present tables which show, by number and percent, the patent activity in the technology discipline. 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 ownership is attributed to the first-named assignee. The U.S. and Foreign Corporations ownership categories count predominantly corporate patents; however, patents assigned to other organizations such as small businesses, nonprofit organizations, universities, etc. are also included in this category. While U.S. Government patent ownership includes only patents granted to the Federal Government, no such distinction is made for the Foreign Government ownership category.

Part B is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) which have received U.S. patents since **1977**.* Data line 1 for each listed organization ("Patents By Year of Grant") distributes counts of patent grants by year of grant. Data line 2 for each organization ("Patents By Year of Application") redistributes those same patent grants by year in which the patented applications were filed. Information on patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

* The term "patent", as used above, refers to "utility" patents. Other patent documents (i.e., design, plant and reissue patents, statutory invention registrations, defensive publications) are not included in this profile report.

** As of **December 2004**, utility patent application data are approximately **93%** complete for utility patent applications filed in **1999**, **84%** complete for applications filed in **2000**, **66%** complete for applications filed in **2001**, and **44%** complete for applications filed in **2002**.. They are essentially complete for applications filed prior to **1999**.

CHEMICAL, ELECTRICAL, MECHANICAL CLASSES

DECEMBER 2004

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	209
	210	216	252	260	261	264	376	419	420	422	423	424	426	427
	428	429	430	435	436	438	442	501	502	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	987						

The following subclasses are also Chemical:

134/1-42; 131/274-279; 505/100-126, 300-512, 725-785, 800-824, 951

ELECTRICAL	174	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	348	349	355	358
	360	361	362	363	365	367	368	369	370	372	373	375	377	378
	379	380	381	382	383	386	388	392	396	398	399	455	503	505
	700	701	702	703	704	705	706	707	708	709	710	711	712	713
	714	715	716	717	718	719	720	725	902					

The following subclasses are also Electrical:

84/600-746; 385/1-52; 359/1-108, 237-361, 558-590, 901-902; 968/876-977; 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	177	180	181	182	184	185	186	187
	188	190	192	193	194	198	199	206	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	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	347	351	352	353	356	359	366	374	384	385	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
	968	984												

The following subclasses are also Mechanical:

209/3.1-3.3, 44-44.4, 509-707, 900-942; 8/147-159

TECHNOLOGY ASSESSMENT AND FORECAST PROGRAM TECHNOLOGY DISCIPLINES FOR
U.S. PATENT CLASSIFICATION SYSTEM CLASSES AS OF DECEMBER 2004
CHEMICAL, ELECTRICAL, MECHANICAL

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

*8/147-159 are mechanical

*84/600-746 are electrical

*131/274-279 are chemical

*134/1-42 are chemical

*209/3.1-3.3, 44-44.4, 509-707, 900-942 are mechanical

*359/1-108, 237-361, 558-590, 901-902 are electrical

*385/1-52 are electrical

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

*968/876-977 are electrical

*984/300-398 are electrical

July, 2005

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USPTO. OEIP/PTMD

Part A1

Patent Grants as Distributed By Year of Patent Grant

	Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2004)															
	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Total
Total	294979	27608	29382	30631	29194	29309	30606	33766	40512	43316	42321	45776	45097	42794	38339	803630
U.S. Origin	162580	14120	15437	16050	15414	15184	16446	18350	21575	23126	22231	23478	22992	21819	19084	427886
Foreign Origin	132399	13488	13945	14581	13780	14125	14160	15416	18937	20190	20090	22298	22105	20975	19255	375744
JAPAN	46909	5815	6242	6793	6418	6115	5939	6141	7407	7718	7563	8188	8389	8122	7728	145487
GERMANY	31158	2663	2701	2582	2383	2489	2475	2585	3167	3106	3156	3467	3429	3362	3011	71734
UNITED KINGDOM	12031	970	906	879	803	903	840	1068	1312	1381	1260	1359	1262	1165	992	27131
FRANCE	10361	1000	1002	1024	922	999	970	1150	1377	1448	1368	1499	1438	1359	989	26906
CANADA	4371	463	538	531	524	563	626	661	802	919	906	954	936	828	752	14374
SWITZERLAND	6662	474	429	450	412	436	420	450	463	510	452	513	471	415	388	12945
ITALY	4104	426	429	494	451	413	427	431	498	510	504	533	529	459	410	10618
TAIWAN	200	71	93	146	202	304	349	420	655	913	1261	1559	1152	985	1024	9334
NETHERLANDS	3178	337	287	319	299	232	221	263	394	431	416	439	451	443	392	8102
SOUTH KOREA	155	83	102	164	190	301	328	424	624	736	770	936	1040	1024	1090	7967
BELGIUM	1916	165	176	203	195	226	268	327	379	384	402	406	440	347	310	6144
SWEDEN	2369	156	150	161	155	202	214	255	307	364	333	411	399	350	288	6114
AUSTRALIA	1032	124	93	92	130	136	124	154	213	237	193	282	247	195	210	3462
FINLAND	817	118	139	107	88	114	143	146	151	172	148	200	207	184	198	2932
DENMARK	669	71	81	90	96	96	107	174	211	260	232	233	199	223	142	2884
ISRAEL	701	88	99	105	87	87	146	123	166	195	187	196	242	253	170	2845
AUSTRIA	915	103	112	84	69	91	105	141	138	157	118	178	165	136	130	2642
HUNGARY	866	62	64	49	35	39	32	12	27	15	20	33	31	30	25	1340
INDIA	130	15	16	25	17	26	22	35	67	90	103	132	189	231	209	1307
U.S.S.R.	1141	45	25	20	25	4	11	2	5	2			1			1281
SPAIN	310	37	46	47	41	45	59	58	91	76	70	75	94	91	71	1211
NORWAY	292	33	33	26	30	32	49	44	52	59	68	63	59	69	74	983
SINGAPORE	8	3	8	6	10	16	18	35	41	50	88	126	172	158	119	858
SOUTH AFRICA	349	34	35	30	22	36	24	34	32	37	36	47	46	35	29	826
RUSSIAN FEDERATION				1	13	35	55	54	86	76	75	83	82	68	54	682
CHINA P.REP.	55	16	19	24	19	22	22	36	41	37	51	61	81	77	96	657
MEXICO	208	13	15	24	21	17	16	17	20	30	26	21	24	26	20	498
NEW ZEALAND	80	11	12	9	12	9	14	19	22	34	35	26	38	35	39	395
IRELAND	110	18	14	11	11	13	18	17	11	22	24	24	22	32	35	382
BRAZIL	86	11	9	11	14	21	12	13	19	23	28	20	26	35	34	362
CZECHOSLOVAKIA	295	9	14	7	6	5	4	3	4	3	5	2	1			358
VENEZUELA	80	10	7	13	15	15	10	19	21	26	16	15	12	4	10	273
CHINA,HONG KONG S.A.R	33	1	3	4	5	11	9	6	12	13	25	27	26	37	36	248
POLAND	124		1	5	4	5	6	8	7	10	7	7	6	4	6	200
LUXEMBOURG	79	1	7	4	3	5	4	6	7	6	13	4	13	11	16	179
ARGENTINA	51	4	4	1	3	7	13	10	11	7	12	10	13	18	13	177
Others (97)	554	38	34	40	50	55	60	75	97	133	119	169	173	164	145	1906
Ownership:																
U.S. Corporations	153625	13413	14416	15101	14484	14095	15331	17183	20321	21718	21019	22125	21987	20766	18215	403799
U.S. Government	4695	353	416	413	406	361	328	377	420	436	347	369	302	309	324	9856
U.S. Individuals	14915	1270	1440	1395	1359	1551	1602	1624	1992	2150	1919	2068	1705	1639	1317	37946
Foreign Corporations	111245	11644	12187	12864	12164	12476	12549	13684	16709	17923	18094	20111	20076	19112	17687	328525
Foreign Government	1944	202	193	180	113	82	100	121	131	88	58	55	56	42	39	3404
Foreign Individuals	8555	726	730	678	668	744	696	777	939	1001	884	1048	971	926	757	20100

----- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2004) -----																
----- PERCENT OF PATENTS -----																
	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	55	51	53	52	53	52	54	54	53	53	53	51	51	51	50	53
Foreign Origin	45	49	47	48	47	48	46	46	47	47	47	49	49	49	50	47
JAPAN	16	21	21	22	22	21	19	18	18	18	18	18	19	19	20	18
GERMANY	11	10	9	8	8	8	8	8	8	7	7	8	8	8	8	9
UNITED KINGDOM	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
FRANCE	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
CANADA	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SWITZERLAND	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
ITALY	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1
TAIWAN					1	1	1	1	2	2	3	3	3	2	3	1
NETHERLANDS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SOUTH KOREA				1	1	1	1	1	2	2	2	2	2	2	3	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	0
FINLAND															1	0
DENMARK								1	1	1	1	1		1		0
ISRAEL													1	1		0
AUSTRIA																0
HUNGARY																0
INDIA														1	1	0
U.S.S.R.																0
SPAIN																0
NORWAY																0
SINGAPORE																0
SOUTH AFRICA																0
RUSSIAN FEDERATION																0
CHINA P.REP.																0
MEXICO																0
NEW ZEALAND																0
IRELAND																0
BRAZIL																0
CZECHOSLOVAKIA																0
VENEZUELA																0
CHINA,HONG KONG S.A.R																0
POLAND																0
LUXEMBOURG																0
ARGENTINA																0
Others (97)																0
Ownership:																
U.S. Corporations	52	49	49	49	50	48	50	51	50	50	50	48	49	49	48	50</

Part A2

Patent Grants as Distributed By Year of Patent Application

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

	NUMBER OF PATENTED APPLICATIONS															
	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Total
Total	348525	28670	30292	31443	36156	46228	38073	44997	42499	45070	44433	38913	23032	5166	133	803630
U.S. Origin	190199	15159	16190	16898	19508	25979	19543	23719	22134	23301	22566	19105	10979	2550	56	427886
Foreign Origin	158326	13511	14102	14545	16648	20249	18530	21278	20365	21769	21867	19808	12053	2616	77	375744
JAPAN	58287	6267	6425	6218	6875	7729	7487	8439	7626	7852	8534	7963	4712	1041	32	145487
GERMANY	36059	2387	2529	2609	2840	3458	2988	3443	3151	3514	3361	3121	1894	370	10	71734
UNITED KINGDOM	13921	804	827	973	1080	1454	1195	1383	1233	1334	1225	1047	566	88	1	27131
FRANCE	12261	998	1007	986	1184	1601	1266	1496	1397	1463	1489	1072	600	84	2	26906
CANADA	5293	518	552	592	759	997	790	877	898	955	940	723	406	73	1	14374
SWITZERLAND	7497	427	416	451	515	560	437	523	493	481	455	412	218	58	2	12945
ITALY	4939	419	464	468	442	610	475	524	485	552	492	433	256	59		10618
TAIWAN	316	120	148	242	366	442	697	882	1339	1522	1008	1057	908	272	15	9334
NETHERLANDS	3779	279	307	299	281	390	365	456	399	437	448	409	216	36	1	8102
SOUTH KOREA	310	139	184	243	374	486	707	732	792	909	991	999	843	249	9	7967
BELGIUM	2246	192	180	234	317	465	382	382	394	410	398	307	190	47		6144
SWEDEN	2662	168	170	200	288	371	282	380	356	365	388	320	137	27		6114
AUSTRALIA	1278	97	137	138	176	244	207	226	234	241	224	171	70	19		3462
FINLAND	1046	133	103	122	165	170	160	175	170	176	198	173	122	19		2932
DENMARK	831	79	94	123	140	275	156	247	236	245	196	190	65	7		2884
ISRAEL	912	74	96	118	169	207	150	173	182	216	240	211	83	14		2845
AUSTRIA	1122	82	80	97	132	170	133	160	142	143	162	124	82	12	1	2642
HUNGARY	991	52	35	35	33	30	15	20	25	27	33	21	19	4		1340
INDIA	163	15	30	22	29	37	60	99	106	109	185	235	170	45	2	1307
U.S.S.R.	1207	27	20	11	4	7	2	2	1							1281
SPAIN	386	43	43	51	64	85	74	89	78	65	83	83	56	11		1211
NORWAY	359	27	37	36	44	70	50	51	51	78	64	75	33	8		983
SINGAPORE	18	7	9	10	24	25	58	56	70	130	168	150	117	16		858
SOUTH AFRICA	412	28	24	35	42	29	34	33	44	48	41	32	23	1		826
RUSSIAN FEDERATION		1	10	40	56	69	92	78	75	86	73	66	31	5		682
CHINA P.REP.	90	17	20	30	22	41	41	41	58	58	83	89	53	14		657
MEXICO	236	20	22	15	23	20	28	19	29	24	19	29	11	3		498
NEW ZEALAND	108	4	14	10	25	17	23	34	34	39	42	27	16	2		395
IRELAND	140	13	11	17	20	21	16	20	28	24	30	23	14	5		382
BRAZIL	103	12	14	18	19	19	19	24	25	29	35	22	20	2	1	362
CZECHOSLOVAKIA	315	8	9	6	5	7	2	1	4	1						358
VENEZUELA	97	7	18	15	14	17	18	24	22	19	6	12	4			273
CHINA,HONG KONG S.A.R	37	4	4	9	13	4	10	23	25	31	23	36	24	5		248
POLAND	125	5	6	7	6	7	9	7	6	9	7	4	2			200
LUXEMBOURG	85	6	2	2	7	5	9	11	9	7	13	13	10			179
ARGENTINA	60	1	2	8	15	9	12	11	9	7	17	18	6	2		177
Others (97)	635	31	53	55	80	101	81	137	139	163	196	141	76	18		1906
Ownership:																
U.S. Corporations	179603	14135	15125	15766	18129	24366	18491	22380	21030	22066	21520	18230	10453	2452	53	403799
U.S. Government	5522	402	440	428	451	510	333	366	318	296	309	293	154	34		9856
U.S. Individuals	17346	1419	1428	1608	1866	2206	1816	2154	1859	1938	1809	1420	889	185	3	37946
Foreign Corporations	133776	11884	12460	12827	14725	18008	16422	18969	18331	19677	19755	18084	11117	2415	75	328525
Foreign Government	2314	167	137	95	117	134	112	91	56	61	64	34	18	4		3404
Foreign Individuals	9964	663	702	719	868	1004	899	1037	905	1032	976	852	401	76	2	20100

	----- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2004) -----																
	PERCENT OF PATENTED APPLICATIONS																
	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Total	
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
U.S. Origin	55	53	53	54	54	56	51	53	52	52	51	49	48	49	42	53	
Foreign Origin	45	47	47	46	46	44	49	47	48	48	49	51	52	51	58	47	
JAPAN	17	22	21	20	19	17	20	19	18	17	19	20	20	20	24	18	
GERMANY	10	8	8	8	8	7	8	8	7	8	8	8	8	7	8	9	
UNITED KINGDOM	4	3	3	3	3	3	3	3	3	3	3	3	2	2	1	3	
FRANCE	4	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	
CANADA	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	
SWITZERLAND	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	
ITALY	1	1	2	1	1	1	1	1	1	1	1	1	1	1		1	
TAIWAN				1	1	1	2	2	3	3	2	3	4	5	11	1	
NETHERLANDS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
SOUTH KOREA			1	1	1	1	2	2	2	2	2	3	4	5	7	1	
BELGIUM	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	
SWEDEN	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	
AUSTRALIA						1	1	1	1	1	1					0	
FINLAND													1			0	
DENMARK						1		1	1	1						0	
ISRAEL											1	1				0	
AUSTRIA															1	0	
HUNGARY																0	
INDIA												1	1	1	2	0	
U.S.S.R.																0	
SPAIN																0	
NORWAY																0	
SINGAPORE													1			0	
SOUTH AFRICA																0	
RUSSIAN FEDERATION																0	
CHINA P.REP.																0	
MEXICO																0	
NEW ZEALAND																0	
IRELAND																0	
BRAZIL															1	0	
CZECHOSLOVAKIA																0	
VENEZUELA																0	
CHINA,HONG KONG S.A.R																0	
POLAND																0	
LUXEMBOURG																0	
ARGENTINA																0	
Others (97)																0	
Ownership:																	
U.S. Corporations	52	49	50	50	50	53	49	50	49	49	48	47	45	47	40	50	
U.S. Government	2	1	1	1	1	1	1	1	1	1	1	1	1	1		1	
U.S. Individuals	5	5	5	5	5	5	5	5	4	4	4	4	4	4	2	5	
Foreign Corporations	38	41	41	41	41	39	43	42	43	44	44	46	48	47	56	41	
Foreign Government	1	1														0	
Foreign Individuals	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	3	

Part B

Ranked Listing of Organizations with PATENT GRANTS

As Distributed By Year of Patent Grant

and As Distributed By Year of Patent Application

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
BAYER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	5533	477	465	426	334	321	316	345	371	329	287	348	385	329	316	10582
Patents By Year of Application:	6342	380	405	349	341	385	401	374	268	335	308	373	274	45	2	10582
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	4085	470	490	476	399	387	338	286	355	313	298	307	283	312	284	9083
Patents By Year of Application:	4934	444	412	391	377	381	335	364	300	302	326	290	175	51	1	9083
BASF AKTIENGESELLSCHAFT																
Patents By Year of Grant:	3410	366	377	344	309	296	315	273	395	404	502	473	463	376	336	8639
Patents By Year of Application:	4054	321	306	322	327	380	356	470	498	479	446	382	246	52	0	8639
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	3758	301	360	301	295	280	299	227	227	236	209	303	381	329	238	7744
Patents By Year of Application:	4333	301	281	299	319	298	247	239	254	293	330	318	199	33	0	7744
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	2472	332	289	445	374	349	306	309	431	400	341	298	275	309	238	7168
Patents By Year of Application:	3046	340	418	342	313	297	470	404	405	282	287	310	188	66	0	7168
FUJI PHOTO FILM CO., LTD																
Patents By Year of Grant:	2903	403	342	392	347	302	295	225	245	235	241	246	273	298	393	7140
Patents By Year of Application:	3617	366	323	300	296	281	278	296	211	233	343	297	232	67	0	7140
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	4188	296	287	304	247	205	170	144	161	132	124	158	115	42	25	6598
Patents By Year of Application:	4710	261	249	242	205	206	158	142	118	128	116	50	13	0	0	6598
CIBA-GEIGY CORPORATION																
Patents By Year of Grant:	4170	395	308	319	290	264	267	232	15	3	2	0	2	0	0	6267
Patents By Year of Application:	4785	303	281	280	304	272	41	1	0	0	0	0	0	0	0	6267
HOECHST AKTIENGESELLSCHAFT																
Patents By Year of Grant:	3091	268	318	331	308	287	327	339	314	147	82	18	18	8	1	5857
Patents By Year of Application:	3645	270	343	305	344	475	214	199	39	13	5	4	1	0	0	5857
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	1370	116	119	154	186	163	206	194	240	347	416	525	463	391	315	5205
Patents By Year of Application:	1543	194	178	154	218	283	264	401	401	500	416	358	197	93	5	5205
PROCTER + GAMBLE COMPANY																
Patents By Year of Grant:	1123	103	124	116	144	174	247	306	348	412	348	316	298	308	292	4659
Patents By Year of Application:	1322	115	129	183	249	356	421	421	286	329	337	307	175	29	0	4659

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
MOBIL OIL CORP.																
Patents By Year of Grant:	2736	301	240	230	235	162	143	80	58	60	61	44	9	2	3	4364
Patents By Year of Application:	3199	254	231	187	181	113	44	55	58	39	3	0	0	0	0	4364
MINNESOTA MINING AND MANUFACTURING COMPANY																
Patents By Year of Grant:	1660	184	219	271	290	336	335	365	310	216	21	10	3	4	3	4227
Patents By Year of Application:	2044	230	269	307	361	464	330	190	23	5	1	2	0	1	0	4227
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	11	40	59	88	43	35	36	127	199	335	537	637	690	598	623	4058
Patents By Year of Application:	75	69	82	34	41	163	287	421	570	530	652	560	446	121	7	4058
MERCK + CO., INC.																
Patents By Year of Grant:	1849	150	157	211	159	119	122	159	176	212	176	181	171	127	57	4026
Patents By Year of Application:	2102	192	220	127	155	162	143	222	204	171	154	123	38	12	1	4026
PHILLIPS PETROLEUM COMPANY																
Patents By Year of Grant:	2587	142	159	183	136	96	80	63	63	60	103	68	69	45	15	3869
Patents By Year of Application:	2850	156	160	111	89	115	50	60	102	78	63	21	9	5	0	3869
SHELL OIL COMPANY																
Patents By Year of Grant:	2050	230	228	185	159	118	92	99	125	110	93	88	48	52	71	3748
Patents By Year of Application:	2393	200	171	143	130	121	135	112	94	79	57	64	38	11	0	3748
EXXON RESEARCH + ENGINEERING CO.																
Patents By Year of Grant:	2511	125	107	105	116	78	66	64	97	118	99	66	8	1	1	3562
Patents By Year of Application:	2711	114	103	94	83	90	71	116	110	61	8	1	0	0	0	3562
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	814	115	150	170	172	176	224	207	216	197	195	225	231	246	198	3536
Patents By Year of Application:	1070	157	193	167	236	308	227	243	218	226	168	189	102	32	0	3536
SUMITOMO CHEMICAL COMPANY, LIMITED																
Patents By Year of Grant:	1381	139	129	143	160	134	132	117	138	125	139	159	175	167	142	3380
Patents By Year of Application:	1627	130	154	146	177	148	135	136	127	157	156	170	92	24	1	3380
HITACHI, LTD																
Patents By Year of Grant:	1310	98	119	125	122	109	107	95	123	121	122	150	185	264	187	3237
Patents By Year of Application:	1566	125	94	120	117	136	107	119	95	160	178	245	151	23	1	3237
XEROX CORPORATION																
Patents By Year of Grant:	923	91	138	153	164	136	170	159	165	181	160	185	160	108	126	3019
Patents By Year of Application:	1129	161	142	150	152	165	172	183	167	170	187	118	97	25	1	3019

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	584	87	117	150	121	155	157	139	165	168	176	228	214	269	275	3005
Patents By Year of Application:	766	141	133	161	164	177	173	196	212	191	234	255	151	49	2	3005
IMPERIAL CHEMICAL INDUSTRIES PLC																
Patents By Year of Grant:	1953	154	172	206	113	81	56	50	54	38	36	34	25	17	14	3003
Patents By Year of Application:	2271	170	150	84	64	73	48	37	32	32	20	12	9	1	0	3003
ELI LILLY AND COMPANY																
Patents By Year of Grant:	1241	63	59	74	67	138	241	221	172	184	159	113	115	87	59	2993
Patents By Year of Application:	1357	61	91	149	151	380	101	209	157	109	90	75	45	18	0	2993
TOSHIBA CORPORATION																
Patents By Year of Grant:	931	110	115	140	101	119	118	117	164	182	199	190	172	153	166	2977
Patents By Year of Application:	1144	126	120	106	136	158	180	200	194	163	160	164	95	28	3	2977
AMERICAN CYANAMID COMPANY																
Patents By Year of Grant:	1850	96	112	111	126	77	100	102	103	105	63	64	31	10	3	2953
Patents By Year of Application:	2043	104	115	119	103	174	46	78	60	67	38	6	0	0	0	2953
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	334	54	49	61	87	113	149	177	238	285	296	288	270	277	268	2946
Patents By Year of Application:	473	67	70	153	198	322	227	267	295	290	271	208	84	21	0	2946
UOP																
Patents By Year of Grant:	1669	98	100	111	98	99	89	56	81	99	94	83	91	65	62	2895
Patents By Year of Application:	1829	96	118	84	121	76	73	85	99	119	89	67	35	4	0	2895
ADVANCED MICRO DEVICES, INC.																
Patents By Year of Grant:	78	10	8	6	15	18	25	58	132	273	420	509	545	389	311	2797
Patents By Year of Application:	96	3	14	14	30	84	151	363	395	393	490	421	281	61	1	2797
MONSANTO COMPANY, INC.																
Patents By Year of Grant:	1811	124	122	99	73	71	77	95	69	80	76	62	8	10	5	2782
Patents By Year of Application:	2045	93	84	81	80	114	75	82	54	50	14	7	3	0	0	2782
PFIZER INC.																
Patents By Year of Grant:	1040	88	79	64	72	75	81	99	114	109	151	172	182	192	162	2680
Patents By Year of Application:	1191	68	86	81	113	112	72	129	95	217	208	171	101	36	0	2680
HOFFMANN-LA ROCHE INC.																
Patents By Year of Grant:	1448	77	70	84	81	101	104	78	71	69	61	77	73	81	62	2537
Patents By Year of Application:	1614	57	89	84	116	96	58	63	56	64	80	83	55	22	0	2537

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	1351	106	158	112	105	77	76	49	58	70	74	67	40	27	8	2378
Patents By Year of Application:	1585	146	94	90	61	65	82	57	75	81	25	12	4	1	0	2378
PPG INDUSTRIES INC.																
Patents By Year of Grant:	1705	81	65	73	55	47	42	64	79	37	0	0	0	0	0	2248
Patents By Year of Application:	1846	73	46	55	55	66	60	46	1	0	0	0	0	0	0	2248
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	514	78	95	100	112	134	112	116	83	104	156	181	129	135	187	2236
Patents By Year of Application:	673	92	111	113	179	149	93	135	155	151	91	121	126	47	0	2236
NEC CORPORATION																
Patents By Year of Grant:	139	20	29	39	97	106	124	147	184	264	301	324	277	124	49	2224
Patents By Year of Application:	178	43	87	72	159	171	196	310	302	275	247	131	45	8	0	2224
L'OREAL S.A.																
Patents By Year of Grant:	470	68	52	58	43	47	90	148	146	199	168	201	226	163	88	2167
Patents By Year of Application:	591	50	54	50	96	193	169	215	151	234	213	95	53	3	0	2167
UNION CARBIDE CORPORATION																
Patents By Year of Grant:	2140	6	0	0	0	0	0	0	0	0	0	0	2	0	0	2148
Patents By Year of Application:	2146	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2148
SHIN ETSU CHEMICAL CO., LTD.																
Patents By Year of Grant:	425	107	131	161	150	128	122	88	90	91	102	118	124	120	152	2109
Patents By Year of Application:	634	121	149	127	150	133	92	82	104	101	146	151	94	25	0	2109
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
Patents By Year of Grant:	1465	73	105	70	66	45	27	27	22	34	29	33	23	23	21	2063
Patents By Year of Application:	1624	90	67	54	31	25	27	35	23	26	27	22	12	0	0	2063
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	0	3	3	7	10	21	57	101	153	195	285	398	296	261	270	2060
Patents By Year of Application:	5	7	8	11	25	85	182	204	283	430	218	261	285	56	0	2060
KONICA CORPORATION																
Patents By Year of Grant:	796	128	98	126	120	98	76	62	91	83	74	70	82	61	64	2029
Patents By Year of Application:	1000	112	98	92	113	72	88	100	77	74	66	65	55	17	0	2029
DOW CORNING CORPORATION																
Patents By Year of Grant:	742	129	139	93	123	103	102	84	103	102	73	57	50	40	44	1984
Patents By Year of Application:	951	112	99	122	119	107	106	85	87	63	42	44	42	5	0	1984

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
AMOCO CORPORATION																
Patents By Year of Grant:	1293	105	152	101	66	42	52	48	55	10	0	0	0	0	0	1924
Patents By Year of Application:	1543	103	66	57	51	52	32	19	1	0	0	0	0	0	0	1924
UPJOHN COMPANY																
Patents By Year of Grant:	1733	19	30	30	23	21	32	21	1	1	0	1	0	0	1	1913
Patents By Year of Application:	1776	30	28	29	25	22	2	0	0	0	0	0	1	0	0	1913
TEXACO INC.																
Patents By Year of Grant:	1397	67	78	69	61	71	46	14	24	21	18	10	12	11	12	1911
Patents By Year of Application:	1519	77	65	62	56	30	19	18	22	13	8	16	5	1	0	1911
MOTOROLA, INC.																
Patents By Year of Grant:	356	61	77	101	97	128	126	149	162	140	141	98	121	85	52	1894
Patents By Year of Application:	461	90	103	101	155	177	173	191	128	80	120	70	39	6	0	1894
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	400	101	116	140	100	99	84	76	86	112	102	144	158	132	40	1890
Patents By Year of Application:	579	141	107	93	105	110	98	121	102	122	136	115	55	6	0	1890
ROHM AND HAAS COMPANY																
Patents By Year of Grant:	711	48	64	114	123	115	95	62	69	81	76	93	71	80	83	1885
Patents By Year of Application:	832	98	103	121	100	100	57	73	83	91	84	75	55	13	0	1885
ABBOTT LABORATORIES																
Patents By Year of Grant:	489	55	93	91	99	82	130	159	122	122	106	105	93	82	46	1874
Patents By Year of Application:	625	99	92	99	113	233	133	111	96	107	79	58	22	7	0	1874
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	827	47	48	65	65	70	51	61	106	134	143	100	66	49	34	1866
Patents By Year of Application:	916	53	65	64	69	76	96	158	130	113	50	50	25	1	0	1866
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	12	18	24	35	42	39	36	75	148	176	211	244	234	258	298	1850
Patents By Year of Application:	44	39	40	41	39	84	174	160	216	244	202	251	217	95	4	1850
WARNER-LAMBERT COMPANY																
Patents By Year of Grant:	858	105	83	82	66	69	59	76	51	74	76	73	60	60	57	1849
Patents By Year of Application:	1028	75	60	76	88	89	33	54	89	78	56	62	50	10	1	1849
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN(HENKEL KGAA)																
Patents By Year of Grant:	850	57	40	64	93	95	100	66	79	80	49	84	67	59	59	1842
Patents By Year of Application:	946	55	86	85	114	83	103	84	59	83	61	41	35	6	1	1842

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
CORNING INCORPORATED																
Patents By Year of Grant:	826	48	63	70	78	43	54	46	40	51	67	112	98	106	104	1806
Patents By Year of Application:	918	60	74	61	69	54	36	57	71	123	116	103	56	7	1	1806
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	1317	95	86	70	71	52	35	21	20	5	3	0	0	0	0	1775
Patents By Year of Application:	1483	61	63	63	49	27	17	11	1	0	0	0	0	0	0	1775
HOECHST CELANESE CORPORATION																
Patents By Year of Grant:	1012	115	122	99	88	71	70	72	63	22	10	3	0	0	0	1747
Patents By Year of Application:	1220	108	85	73	75	88	56	37	3	2	0	0	0	0	0	1747
UNITED MICROELECTRONICS CORPORATION																
Patents By Year of Grant:	0	0	2	7	40	112	111	68	82	182	324	471	186	115	47	1747
Patents By Year of Application:	2	2	5	54	159	91	107	157	406	368	185	147	53	11	0	1747
SONY CORPORATION																
Patents By Year of Grant:	215	17	22	62	83	87	95	108	119	172	158	149	163	141	155	1746
Patents By Year of Application:	252	45	103	82	95	144	155	176	149	150	157	143	69	25	1	1746
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	733	72	78	89	98	68	62	58	76	93	56	67	60	65	71	1746
Patents By Year of Application:	906	72	89	97	66	75	72	75	61	53	53	59	52	16	0	1746
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	102	276	283	365	368	323	1717
Patents By Year of Application:	3	2	7	6	13	19	55	182	260	297	328	320	159	64	2	1717
TAKEDA CHEMICAL INDUSTRIES LTD.																
Patents By Year of Grant:	728	48	65	90	66	69	92	75	69	76	70	101	63	45	38	1695
Patents By Year of Application:	862	75	67	82	88	98	82	67	44	90	62	46	29	3	0	1695
BRISTOL-MYERS SQUIBB COMPANY																
Patents By Year of Grant:	525	65	59	50	56	68	71	98	100	101	84	74	97	125	82	1655
Patents By Year of Application:	643	42	63	97	95	115	79	75	83	87	89	109	63	15	0	1655
GOODYEAR TIRE + RUBBER COMPANY																
Patents By Year of Grant:	811	56	47	52	41	41	47	63	69	51	62	78	74	74	71	1637
Patents By Year of Application:	897	50	47	33	42	59	68	80	65	80	73	85	40	18	0	1637
COLGATE-PALMOLIVE COMPANY																
Patents By Year of Grant:	666	51	43	44	45	56	64	65	95	118	81	83	106	80	28	1625
Patents By Year of Application:	755	52	35	54	80	48	89	99	65	76	83	77	81	29	2	1625

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
AT&T CORP.																
Patents By Year of Grant:	1147	76	83	84	91	88	40	1	0	0	0	0	0	0	0	1610
Patents By Year of Application:	1277	88	87	94	54	10	0	0	0	0	0	0	0	0	0	1610
UNITED STATES OF AMERICA, HEALTH & HUMAN SERVICES																
Patents By Year of Grant:	288	31	60	71	87	82	97	138	159	132	91	97	83	76	109	1601
Patents By Year of Application:	447	74	118	112	170	202	64	94	65	77	72	83	19	4	0	1601
CHEVRON RESEARCH & TECHNOLOGY CO.																
Patents By Year of Grant:	1273	52	57	52	52	22	3	5	0	1	0	2	0	0	0	1519
Patents By Year of Application:	1377	38	59	34	7	2	1	0	0	0	1	0	0	0	0	1519
FUJITSU LIMITED																
Patents By Year of Grant:	308	45	54	67	67	83	85	83	92	98	107	85	105	113	127	1519
Patents By Year of Application:	398	71	58	92	95	125	93	108	104	81	95	100	74	24	1	1519
W. R. GRACE & CO.-CONN.																
Patents By Year of Grant:	732	87	108	101	105	72	68	58	46	23	15	28	28	22	18	1511
Patents By Year of Application:	901	118	82	96	59	93	37	26	20	18	22	23	12	4	0	1511
APPLIED MATERIALS, INC.																
Patents By Year of Grant:	26	7	21	27	36	36	43	40	78	108	177	200	238	277	185	1499
Patents By Year of Application:	47	33	30	47	51	74	129	179	156	179	252	194	114	14	0	1499
AIR PRODUCTS AND CHEMICALS, INC.																
Patents By Year of Grant:	559	96	67	86	99	60	58	44	62	60	81	55	49	63	49	1488
Patents By Year of Application:	698	71	97	74	69	62	53	67	66	70	47	53	46	15	0	1488
MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG																
Patents By Year of Grant:	394	34	50	78	57	65	50	60	93	52	67	72	99	123	101	1395
Patents By Year of Application:	502	64	56	57	69	82	84	51	62	77	95	108	74	14	0	1395
EXXON CHEMICALS PATENTS INC.																
Patents By Year of Grant:	198	108	88	110	111	122	102	111	118	106	107	65	5	4	2	1357
Patents By Year of Application:	403	79	93	135	104	170	94	159	81	36	3	0	0	0	0	1357
ASAHI KASEI KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	682	31	31	54	49	28	27	24	48	56	62	54	72	52	48	1318
Patents By Year of Application:	754	50	38	26	37	27	41	75	55	49	68	54	41	3	0	1318
AMERICAN HOME PRODUCTS CORPORATION																
Patents By Year of Grant:	656	44	55	63	31	58	95	34	48	46	46	72	60	2	1	1311
Patents By Year of Application:	717	59	58	44	72	95	38	36	43	73	59	15	2	0	0	1311

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
SUMITOMO ELECTRIC INDUSTRIES CO., LTD.																
Patents By Year of Grant:	343	41	59	112	102	89	78	84	79	86	52	48	48	42	44	1307
Patents By Year of Application:	437	79	131	76	99	137	62	74	47	47	44	47	21	6	0	1307
INSTITUT FRANCAIS DU PETROLE																
Patents By Year of Grant:	386	47	32	37	48	47	48	53	83	83	115	107	87	75	53	1301
Patents By Year of Application:	457	38	47	49	55	80	65	113	105	100	116	55	20	1	0	1301
E. R. SQUIBB + SONS, INC.																
Patents By Year of Grant:	971	45	66	62	40	23	21	21	16	8	3	2	1	2	0	1281
Patents By Year of Application:	1075	71	55	31	11	25	5	7	1	0	0	0	0	0	0	1281
DEGUSSA AKTIENGESELLSCHAFT																
Patents By Year of Grant:	462	59	50	57	60	39	48	43	58	47	18	34	84	100	115	1274
Patents By Year of Application:	555	45	67	50	48	49	57	61	31	40	61	130	68	12	0	1274
KAO KABUSHIKI KAISHA (KAO CORPORATION)																
Patents By Year of Grant:	239	58	75	61	65	64	57	87	108	84	68	75	82	71	80	1274
Patents By Year of Application:	346	83	70	56	69	92	101	95	95	52	75	87	47	6	0	1274
LEVER BROTHERS COMPANY, DIVISION OF CONOPCO, INC.																
Patents By Year of Grant:	718	53	48	41	51	67	53	50	59	58	32	26	5	1	2	1264
Patents By Year of Application:	814	46	34	69	50	63	72	61	38	9	7	1	0	0	0	1264
MITSUI TOATSU CHEMICALS INC.																
Patents By Year of Grant:	535	81	123	132	99	89	76	69	43	2	2	0	0	0	0	1251
Patents By Year of Application:	730	104	104	95	80	95	36	7	0	0	0	0	0	0	0	1251
SMITHKLINE BEECHAM CORPORATION																
Patents By Year of Grant:	12	15	10	16	7	21	20	66	94	176	192	242	194	115	69	1249
Patents By Year of Application:	40	7	14	19	39	87	66	243	214	210	130	104	62	13	1	1249
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	718	59	39	42	32	39	34	33	56	62	45	58	22	1	0	1240
Patents By Year of Application:	806	44	37	33	36	50	57	65	44	46	17	5	0	0	0	1240
OLIN CORPORATION																
Patents By Year of Grant:	856	70	78	58	56	23	29	19	10	10	5	4	4	2	5	1229
Patents By Year of Application:	980	59	56	37	33	23	12	9	5	5	3	6	1	0	0	1229
G. D. SEARLE & CO.																
Patents By Year of Grant:	368	38	46	92	56	90	63	75	59	61	61	39	74	46	27	1195
Patents By Year of Application:	442	66	87	75	88	120	56	44	47	50	50	42	26	2	0	1195

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
ETHYL CORPORATION																
Patents By Year of Grant:	757	117	93	84	49	8	11	14	10	8	11	7	4	6	4	1183
Patents By Year of Application:	927	89	68	26	5	17	10	11	9	8	4	3	6	0	0	1183
INTERNATIONAL FLAVORS + FRAGRANCES INC																
Patents By Year of Grant:	929	34	22	20	25	21	17	12	13	3	17	19	19	13	7	1171
Patents By Year of Application:	962	28	13	29	25	15	16	9	9	24	18	15	7	1	0	1171
SCHERING AKTIENGESELLSCHAFT																
Patents By Year of Grant:	586	39	51	37	30	45	30	42	52	43	53	33	26	40	36	1143
Patents By Year of Application:	689	35	36	44	45	64	36	33	44	33	40	24	16	4	0	1143
STAUFFER CHEMICAL COMPANY																
Patents By Year of Grant:	1138	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1140
Patents By Year of Application:	1140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1140
SANDOZ LTD.																
Patents By Year of Grant:	759	49	37	45	40	41	83	52	20	10	0	0	0	0	0	1136
Patents By Year of Application:	845	47	36	45	63	76	16	8	0	0	0	0	0	0	0	1136
SCHERING CORP.																
Patents By Year of Grant:	405	51	32	31	27	48	29	68	75	81	52	70	61	56	44	1130
Patents By Year of Application:	492	29	37	45	56	108	45	66	53	65	49	54	30	1	0	1130
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	554	44	37	38	31	30	22	43	39	39	37	47	47	49	47	1104
Patents By Year of Application:	622	31	32	30	44	54	46	33	50	42	47	42	23	8	0	1104
BASF CORP.																
Patents By Year of Grant:	174	41	49	81	58	66	86	77	90	79	75	55	79	52	39	1101
Patents By Year of Application:	249	68	73	59	68	138	86	101	62	57	64	44	24	8	0	1101
AGFA-GEVAERT N.V.																
Patents By Year of Grant:	241	25	22	37	43	65	59	79	67	77	126	102	65	50	35	1093
Patents By Year of Application:	281	35	31	47	72	78	106	79	115	92	68	48	29	12	0	1093
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	442	50	47	53	36	28	51	41	43	56	46	58	43	41	52	1087
Patents By Year of Application:	558	38	42	47	63	52	30	52	56	63	41	27	14	4	0	1087
RICOH COMPANY, LTD.																
Patents By Year of Grant:	351	41	50	49	44	40	41	48	53	63	66	53	44	73	62	1078
Patents By Year of Application:	438	43	49	35	53	55	49	67	57	48	61	58	52	12	1	1078

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE																
Patents By Year of Grant:	478	35	35	44	29	38	30	38	62	58	46	60	36	49	30	1068
Patents By Year of Application:	560	43	31	35	40	56	60	53	42	43	47	43	15	0	0	1068
AGENCY OF INDUSTRIAL SCIENCE & TECHNOLOGY																
Patents By Year of Grant:	473	62	49	48	36	28	39	55	47	39	56	53	33	29	10	1057
Patents By Year of Application:	568	47	42	29	38	57	53	51	47	50	63	5	5	2	0	1057
FMC CORPORATION																
Patents By Year of Grant:	606	37	30	38	35	28	39	37	47	36	38	30	26	14	14	1055
Patents By Year of Application:	664	45	25	34	43	44	44	49	38	22	26	14	6	0	1	1055
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	159	37	59	53	65	54	43	62	65	74	81	67	92	78	56	1045
Patents By Year of Application:	229	65	72	60	46	72	72	73	73	66	95	66	49	7	0	1045
TORAY INDUSTRIES INC.																
Patents By Year of Grant:	418	30	33	39	36	35	29	56	40	52	58	60	60	51	40	1037
Patents By Year of Application:	482	30	36	47	44	40	59	60	61	67	42	46	20	3	0	1037
HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.																
Patents By Year of Grant:	1	8	6	10	29	54	69	65	89	89	93	205	198	84	34	1034
Patents By Year of Application:	12	10	12	45	67	79	121	112	85	172	190	95	25	9	0	1034
NALCO CHEMICAL COMPANY																
Patents By Year of Grant:	513	45	61	53	63	66	29	34	31	32	38	37	29	0	0	1031
Patents By Year of Application:	586	59	56	71	48	47	34	31	35	34	26	4	0	0	0	1031
UNIVERSITY OF TEXAS																
Patents By Year of Grant:	133	62	56	66	71	62	60	61	71	64	65	69	61	61	65	1027
Patents By Year of Application:	281	58	75	79	84	100	41	64	55	62	59	45	20	4	0	1027
KIMBERLY-CLARK WORLDWIDE, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	60	102	95	128	129	140	192	150	996
Patents By Year of Application:	0	1	0	2	11	72	107	164	113	131	191	140	55	9	0	996
NGK INSULATORS LTD.																
Patents By Year of Grant:	273	39	46	68	36	32	39	40	46	63	61	49	74	64	59	989
Patents By Year of Application:	351	50	59	30	36	50	54	71	71	64	49	51	46	7	0	989
CIBA SPECIALTY CHEMICALS CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	21	162	180	152	113	141	121	95	985
Patents By Year of Application:	0	2	2	8	5	37	119	187	170	100	132	132	72	18	1	985

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	552	29	44	41	61	35	38	33	23	32	22	23	13	18	15	979
Patents By Year of Application:	631	46	50	39	30	43	25	33	24	18	11	16	11	2	0	979
TEIJIN LIMITED																
Patents By Year of Grant:	421	25	27	51	37	40	32	43	34	35	38	48	51	43	35	960
Patents By Year of Application:	480	41	30	32	52	50	32	31	39	49	42	53	22	7	0	960
OWENS-CORNING FIBERGLAS CORPORATION																
Patents By Year of Grant:	589	12	13	8	19	10	28	49	48	45	32	31	22	16	24	946
Patents By Year of Application:	615	9	10	15	33	46	60	50	29	29	18	19	10	3	0	946
NIPPON STEEL CORP.																
Patents By Year of Grant:	413	42	32	46	34	36	41	52	44	32	28	27	42	44	27	940
Patents By Year of Application:	483	38	41	38	39	57	45	40	23	38	36	39	21	2	0	940
B. F. GOODRICH CO.																
Patents By Year of Grant:	655	55	48	47	28	11	13	10	13	15	12	14	6	3	0	930
Patents By Year of Application:	754	35	36	18	14	17	10	18	9	15	3	0	1	0	0	930
STANDARD OIL COMPANY																
Patents By Year of Grant:	750	28	35	19	11	9	7	15	10	11	11	8	9	2	2	927
Patents By Year of Application:	807	26	10	3	10	16	10	11	12	11	6	5	0	0	0	927
BOEHRINGER MANNHEIM G.M.B.H.																
Patents By Year of Grant:	428	53	52	47	56	55	48	59	69	38	12	5	0	2	1	925
Patents By Year of Application:	550	53	41	52	63	67	54	32	9	2	2	0	0	0	0	925
MITSUBISHI GAS-CHEMICAL COMPANY, INC.																
Patents By Year of Grant:	327	47	42	43	47	45	33	33	43	60	37	47	40	43	35	922
Patents By Year of Application:	408	41	41	42	39	39	52	45	44	47	42	39	34	8	1	922
ATLANTIC RICHFIELD COMPANY																
Patents By Year of Grant:	799	8	10	17	23	9	5	8	6	13	10	5	2	1	0	916
Patents By Year of Application:	815	10	24	16	7	6	10	7	10	8	2	1	0	0	0	916
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	451	28	49	49	40	35	34	31	24	20	24	13	30	36	49	913
Patents By Year of Application:	499	50	56	38	34	32	24	27	24	27	25	43	28	6	0	913
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	276	38	32	34	35	27	36	35	49	51	34	58	63	74	66	908
Patents By Year of Application:	343	26	37	32	33	36	52	64	46	53	57	67	48	13	1	908

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
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SEMICONDUCTOR ENERGY LABORATORY CO., LTD.

Patents By Year of Grant:	101	27	23	37	24	21	35	45	60	86	60	77	98	96	118	908
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Patents By Year of Application:	161	29	25	31	54	81	83	88	62	66	73	83	62	10	0	908
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BRIDGESTONE CORPORATION

Patents By Year of Grant:	260	26	36	43	34	42	44	32	40	48	46	79	73	53	48	904
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Patents By Year of Application:	316	47	37	34	40	47	52	60	68	58	71	52	19	3	0	904
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CHISSO CORPORATION

Patents By Year of Grant:	312	52	57	39	32	33	21	35	48	41	37	76	47	39	24	893
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Patents By Year of Application:	418	25	37	28	30	39	47	48	50	63	54	36	16	2	0	893
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GENENTECH, INC.

Patents By Year of Grant:	84	21	35	40	28	28	43	82	133	53	77	64	68	71	62	889
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Patents By Year of Application:	156	29	29	48	83	204	38	73	68	44	69	40	7	1	0	889
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NOVO NORDISK A/S

Patents By Year of Grant:	1	21	25	37	45	28	55	95	122	160	133	81	34	35	16	888
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Patents By Year of Application:	57	32	40	49	70	145	71	146	128	77	34	32	7	0	0	888
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AJINOMOTO COMPANY INCORPORATED

Patents By Year of Grant:	260	30	25	32	39	34	42	36	52	51	46	59	64	46	64	880
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Patents By Year of Application:	320	29	36	35	43	47	52	59	40	53	69	55	39	3	0	880
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EASTMAN CHEMICAL COMPANY

Patents By Year of Grant:	0	0	1	1	61	88	66	75	57	101	110	103	89	73	51	876
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Patents By Year of Application:	2	6	17	76	83	113	62	89	120	98	97	66	40	7	0	876
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FUJISAWA PHARMACEUTICAL CO., LTD.

Patents By Year of Grant:	445	35	36	47	37	18	31	35	24	21	25	40	45	21	16	876
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Patents By Year of Application:	521	32	37	26	33	36	24	24	29	41	38	24	11	0	0	876
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MITSUI PETROCHEMICAL INDUSTRIES LTD.

Patents By Year of Grant:	350	90	63	73	66	51	39	70	49	10	8	1	1	0	0	871
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Patents By Year of Application:	501	56	59	54	56	76	44	24	0	1	0	0	0	0	0	871
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HERCULES INCORPORATED

Patents By Year of Grant:	474	51	33	25	29	24	31	33	29	22	31	36	28	17	7	870
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Patents By Year of Application:	560	34	23	21	38	34	31	32	31	22	28	10	6	0	0	870
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NESTEC, S.A.

Patents By Year of Grant:	141	32	44	45	31	44	40	33	60	99	63	75	48	62	39	856
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Patents By Year of Application:	202	45	54	32	47	54	70	76	71	62	71	51	18	3	0	856
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---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
AKZO NOBEL NV																
Patents By Year of Grant:	0	0	0	0	18	53	54	80	98	108	89	84	89	101	70	844
Patents By Year of Application:	4	4	16	40	80	105	74	109	96	79	87	95	43	12	0	844
MILES INC.																
Patents By Year of Grant:	492	30	85	101	74	49	1	5	0	0	0	0	0	0	0	837
Patents By Year of Application:	590	91	74	53	24	5	0	0	0	0	0	0	0	0	0	837
UNION OIL COMPANY OF CALIFORNIA																
Patents By Year of Grant:	560	77	66	36	32	18	7	12	10	5	9	1	0	1	2	836
Patents By Year of Application:	690	47	30	23	13	11	3	8	7	1	1	0	1	1	0	836
PIONEER HI-BRED INTERNATIONAL, INC.																
Patents By Year of Grant:	12	4	13	5	20	22	52	26	107	92	110	111	61	70	127	832
Patents By Year of Application:	39	6	17	25	29	80	62	77	118	154	125	56	27	17	0	832
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION																
Patents By Year of Grant:	393	36	45	45	38	34	31	28	30	32	37	22	19	15	23	828
Patents By Year of Application:	464	39	48	34	42	34	30	30	30	17	29	17	13	1	0	828
ZENECA LIMITED																
Patents By Year of Grant:	0	0	0	0	38	81	108	93	137	134	98	79	33	10	8	819
Patents By Year of Application:	3	6	15	92	114	135	124	113	99	75	32	7	3	1	0	819
BECTON, DICKINSON AND COMPANY																
Patents By Year of Grant:	250	29	29	20	43	35	60	85	77	52	38	29	29	23	19	818
Patents By Year of Application:	303	30	29	59	65	74	63	72	26	44	31	14	5	3	0	818
ALCOA INC.																
Patents By Year of Grant:	440	48	38	42	28	21	24	19	26	27	18	21	25	22	18	817
Patents By Year of Application:	533	35	28	19	26	33	20	24	16	20	24	23	9	7	0	817
DAIKIN INDUSTRIES LIMITED																
Patents By Year of Grant:	277	33	44	40	24	19	21	31	48	33	37	57	54	41	58	817
Patents By Year of Application:	351	33	28	23	29	44	35	45	51	57	45	41	32	3	0	817
FORD MOTOR COMPANY																
Patents By Year of Grant:	511	22	40	49	40	28	35	27	18	19	14	5	0	3	5	816
Patents By Year of Application:	567	46	38	33	35	26	19	23	15	6	0	5	1	2	0	816
HENKEL CORPORATION																
Patents By Year of Grant:	163	15	24	24	36	50	81	57	68	88	58	61	38	15	26	804
Patents By Year of Application:	200	23	36	55	66	82	95	74	55	50	24	26	16	2	0	804

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL	
ROUSSEL-UCLAF																	
Patents By Year of Grant:	481	40	42	40	37	57	34	26	39	8	0	0	0	0	0	804	
Patents By Year of Application:	564	27	47	44	41	44	28	9	0	0	0	0	0	0	0	804	
BAYER CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	25	81	82	129	115	116	90	101	49	15	803	
Patents By Year of Application:	2	4	3	22	69	133	106	126	123	102	63	33	16	1	0	803	
RHONE-POULENC CHIMIE																	
Patents By Year of Grant:	173	121	75	53	59	46	43	70	79	48	16	11	2	2	4	802	
Patents By Year of Application:	370	66	46	45	57	85	65	48	10	5	3	1	1	0	0	802	
WISCONSIN ALUMNI RESEARCH FOUNDATION																	
Patents By Year of Grant:	180	25	26	34	29	32	49	43	65	71	45	53	57	49	39	797	
Patents By Year of Application:	231	29	28	36	45	72	49	65	53	63	57	50	16	3	0	797	
UNITED STATES OF AMERICA, AIR FORCE																	
Patents By Year of Grant:	441	33	31	28	27	26	32	23	16	28	27	26	16	22	18	794	
Patents By Year of Application:	502	29	26	24	28	31	23	21	31	22	16	17	19	5	0	794	
TDK CORPORATION																	
Patents By Year of Grant:	150	13	23	30	20	30	43	37	41	44	64	66	98	71	63	793	
Patents By Year of Application:	190	18	28	30	46	36	41	44	72	82	87	73	33	12	1	793	
COMMISSARIAT A L'ENERGIE ATOMIQUE																	
Patents By Year of Grant:	439	18	18	18	17	8	23	22	30	35	23	31	34	40	33	789	
Patents By Year of Application:	470	17	19	13	17	25	39	40	17	38	33	37	22	2	0	789	
BEECHAM GROUP P.L.C.																	
Patents By Year of Grant:	639	37	34	29	15	8	4	5	6	1	3	4	0	1	2	788	
Patents By Year of Application:	719	19	14	13	5	10	1	1	3	0	2	0	1	0	0	788	
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																	
Patents By Year of Grant:	30	24	23	39	57	54	39	63	62	72	61	80	60	59	61	784	
Patents By Year of Application:	69	33	42	61	45	72	61	76	71	77	56	57	53	11	0	784	
POLAROID CORPORATION																	
Patents By Year of Grant:	531	10	14	21	24	31	32	30	20	18	7	8	5	6	3	760	
Patents By Year of Application:	553	26	14	29	32	33	25	24	6	4	9	3	2	0	0	760	
LUBRIZOL CORPORATION																	
Patents By Year of Grant:	304	32	24	31	49	28	33	30	46	30	30	40	32	24	21	754	
Patents By Year of Application:	366	29	33	32	45	32	42	41	41	29	23	16	23	2	0	754	

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---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
FUJI XEROX CO., LTD.																
Patents By Year of Grant:	92	31	35	30	46	69	39	58	45	52	47	40	38	28	38	688
Patents By Year of Application:	156	33	44	61	44	62	53	64	38	32	41	36	19	5	0	688
BAXTER INTERNATIONAL INC.																
Patents By Year of Grant:	282	16	17	23	21	12	26	34	49	43	33	44	28	33	20	681
Patents By Year of Application:	315	19	25	28	34	53	37	47	38	25	31	19	8	2	0	681
KAWASAKI STEEL CORPORATION																
Patents By Year of Grant:	212	33	30	34	48	34	32	33	34	36	38	43	43	30	1	681
Patents By Year of Application:	264	38	42	45	32	38	37	38	39	34	34	31	8	1	0	681
UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION																
Patents By Year of Grant:	0	50	94	91	55	38	36	28	60	52	45	58	41	24	7	679
Patents By Year of Application:	145	66	70	43	41	47	52	58	42	49	47	12	6	1	0	679
AKZO N.V.																
Patents By Year of Grant:	363	67	71	83	44	34	9	1	0	0	1	1	0	0	0	674
Patents By Year of Application:	495	64	56	41	15	2	0	0	1	0	0	0	0	0	0	674
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	280	16	15	15	19	24	24	14	44	46	46	28	31	35	33	670
Patents By Year of Application:	309	13	18	25	22	32	50	50	36	45	23	34	11	2	0	670
MITSUBISHI CHEMICAL CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	22	87	84	104	97	73	69	48	47	34	666
Patents By Year of Application:	1	2	1	19	81	98	104	104	83	61	43	40	22	7	0	666
NIPPON PAINT CO., LTD.																
Patents By Year of Grant:	206	37	32	60	54	55	42	33	33	27	17	15	24	15	15	665
Patents By Year of Application:	282	36	57	52	44	46	38	28	12	18	14	30	6	2	0	665
KUREHA CHEMICAL INDUSTRY CO., LTD.																
Patents By Year of Grant:	542	29	12	4	7	14	14	14	5	2	3	4	0	7	6	663
Patents By Year of Application:	579	6	6	11	15	19	4	4	2	4	6	2	4	1	0	663
SHOWA DENKO KABUSHIKI KAISHA																
Patents By Year of Grant:	180	26	22	22	25	20	16	26	26	26	45	57	57	51	64	663
Patents By Year of Application:	222	25	17	23	28	26	22	42	43	49	59	66	36	5	0	663
ISIS PHARMACEUTICALS, INC.																
Patents By Year of Grant:	0	0	2	5	2	8	29	42	39	77	114	106	110	65	55	654
Patents By Year of Application:	4	5	14	23	49	45	40	43	110	136	96	60	28	1	0	654

(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
CALIFORNIA INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	141	13	15	9	13	8	12	24	57	38	43	54	48	57	62	594
Patents By Year of Application:	165	13	11	18	25	42	43	41	48	59	55	54	19	1	0	594
NIPPON SHOKUBAI CO., LTD.																
Patents By Year of Grant:	0	1	7	21	24	23	23	29	40	49	68	67	94	83	63	592
Patents By Year of Application:	4	22	25	23	24	41	36	74	52	69	95	81	37	9	0	592
NIPPON OIL COMPANY LTD.																
Patents By Year of Grant:	306	25	30	25	35	38	34	28	34	19	13	1	0	0	0	588
Patents By Year of Application:	363	28	25	34	36	44	27	22	9	0	0	0	0	0	0	588
JOHNS HOPKINS UNIVERSITY																
Patents By Year of Grant:	57	10	8	23	16	18	19	33	65	75	58	58	59	38	45	582
Patents By Year of Application:	87	15	16	26	42	81	45	48	75	56	49	30	9	3	0	582
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	5	1	7	21	26	20	20	22	30	56	54	76	84	75	83	580
Patents By Year of Application:	8	23	20	31	25	28	29	62	61	63	100	72	46	11	1	580
NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION																
Patents By Year of Grant:	26	39	25	31	32	38	41	40	41	52	33	52	44	39	38	571
Patents By Year of Application:	91	18	30	32	48	51	43	50	55	49	37	37	22	8	0	571
CORNELL RESEARCH FOUNDATION INC.																
Patents By Year of Grant:	117	18	30	21	23	26	31	37	45	42	38	44	26	40	32	570
Patents By Year of Application:	158	26	23	36	41	56	42	45	40	29	34	19	17	4	0	570
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH																
Patents By Year of Grant:	14	2	3	7	5	9	7	18	21	33	35	56	114	127	117	568
Patents By Year of Application:	19	3	9	5	15	14	23	32	41	41	103	140	94	28	1	568
INCYTE PHARMACEUTICALS, INC.																
Patents By Year of Grant:	0	0	4	5	4	3	5	18	106	245	146	29	2	0	0	567
Patents By Year of Application:	5	4	6	0	11	22	87	229	155	46	2	0	0	0	0	567
AGFA-GEVAERT, AG																
Patents By Year of Grant:	346	34	14	12	21	23	15	25	29	35	7	0	3	1	0	565
Patents By Year of Application:	387	16	10	19	30	33	22	31	12	5	0	0	0	0	0	565
HUELS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	137	39	44	40	18	42	36	35	51	54	44	19	2	1	0	562
Patents By Year of Application:	204	42	24	32	40	40	46	70	45	17	1	1	0	0	0	562

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---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
CHARTERED SEMICONDUCTOR MANUFACTURING PTE LTD																
Patents By Year of Grant:	0	0	2	4	4	4	6	29	25	30	71	111	115	75	53	529
Patents By Year of Application:	0	3	5	3	6	11	44	34	46	120	108	74	66	9	0	529
STERLING DRUG INC.																
Patents By Year of Grant:	486	15	18	6	3	0	1	0	0	0	0	0	0	0	0	529
Patents By Year of Application:	516	12	0	0	0	1	0	0	0	0	0	0	0	0	0	529
KANSAI PAINT CO., LTD.																
Patents By Year of Grant:	136	31	28	21	34	27	16	22	29	22	29	27	34	34	31	521
Patents By Year of Application:	188	28	22	31	19	22	35	22	33	22	37	27	33	2	0	521
LSI LOGIC CORPORATION																
Patents By Year of Grant:	5	0	1	7	16	19	32	41	46	55	68	43	59	71	58	521
Patents By Year of Application:	7	7	12	17	36	51	49	62	65	43	49	72	38	13	0	521
NIPPON ZEON CO., LTD.																
Patents By Year of Grant:	203	37	36	33	35	17	15	15	21	20	26	20	22	9	10	519
Patents By Year of Application:	276	32	27	28	9	24	15	27	24	22	23	10	2	0	0	519
ALLERGAN, INC.																
Patents By Year of Grant:	17	28	31	38	53	46	49	57	55	21	12	7	19	40	44	517
Patents By Year of Application:	74	32	57	52	59	48	50	32	10	6	23	27	31	15	1	517
METALLGESELLSCHAFT AKTIENGESELLSCHAFT																
Patents By Year of Grant:	309	15	27	20	14	24	13	16	16	11	14	12	10	10	2	513
Patents By Year of Application:	343	21	17	17	21	18	15	15	9	15	14	6	2	0	0	513
ARCO CHEMICAL TECHNOLOGY, L.P.																
Patents By Year of Grant:	0	0	37	50	41	45	55	67	59	50	34	18	29	15	12	512
Patents By Year of Application:	17	38	45	46	50	74	67	55	38	16	21	25	15	5	0	512
HITACHI CHEMICAL COMPANY, LTD.																
Patents By Year of Grant:	181	27	21	30	16	26	20	25	21	36	21	31	22	14	21	512
Patents By Year of Application:	225	28	21	25	27	28	25	32	28	20	20	19	10	4	0	512
NATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	90	16	20	26	31	35	28	26	30	39	37	42	41	23	25	509
Patents By Year of Application:	122	17	45	22	38	31	28	37	43	45	31	26	18	6	0	509
GENERAL HOSPITAL CORPORATION																
Patents By Year of Grant:	39	5	12	16	18	10	30	38	54	66	47	58	39	45	31	508
Patents By Year of Application:	62	13	29	35	47	94	28	56	35	47	41	15	4	2	0	508

(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

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---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
WESTVACO CORPORATION																
Patents By Year of Grant:	201	28	31	24	17	20	23	22	25	21	27	15	15	5	0	474
Patents By Year of Application:	241	26	30	18	18	28	28	24	20	21	13	5	2	0	0	474
BURROUGHS WELLCOME CO.																
Patents By Year of Grant:	338	32	36	16	13	25	9	3	0	1	0	0	0	0	0	473
Patents By Year of Application:	397	25	17	19	13	2	0	0	0	0	0	0	0	0	0	473
ROBERT BOSCH GMBH																
Patents By Year of Grant:	131	8	5	10	17	18	19	26	21	25	18	42	32	47	54	473
Patents By Year of Application:	141	11	14	18	23	23	29	25	27	52	36	40	31	3	0	473
DOW CORNING TORAY SILICONE COMPANY LIMITED																
Patents By Year of Grant:	4	13	30	30	45	32	38	33	40	63	30	47	38	19	10	472
Patents By Year of Application:	32	24	37	48	34	44	47	48	37	43	34	38	5	1	0	472
MORTON THIOKOL, INC.																
Patents By Year of Grant:	372	11	7	10	11	21	20	7	11	1	1	0	0	0	0	472
Patents By Year of Application:	397	6	9	24	22	8	5	0	1	0	0	0	0	0	0	472
ROCKWELL INTERNATIONAL CORPORATION																
Patents By Year of Grant:	341	24	13	17	21	23	14	13	4	1	0	0	0	0	0	471
Patents By Year of Application:	382	19	14	19	16	18	2	0	1	0	0	0	0	0	0	471
UNIVERSITY OF PENNSYLVANIA																
Patents By Year of Grant:	28	10	19	20	25	20	36	49	60	47	27	44	37	24	25	471
Patents By Year of Application:	57	21	26	32	71	48	41	50	23	38	36	19	7	2	0	471
KOBE STEEL LTD.																
Patents By Year of Grant:	168	13	26	8	23	19	22	15	24	25	25	27	19	26	25	465
Patents By Year of Application:	201	17	15	20	25	20	29	28	19	23	23	23	19	3	0	465
DAINIPPON INK + CHEMICALS, INC.																
Patents By Year of Grant:	188	23	16	17	22	11	11	11	16	20	24	20	21	38	26	464
Patents By Year of Application:	225	20	21	6	14	15	20	23	14	22	30	33	16	5	0	464
NISSAN CHEMICAL INDUSTRIES, LTD.																
Patents By Year of Grant:	149	25	29	24	21	14	14	15	33	34	31	22	23	15	12	461
Patents By Year of Application:	200	25	25	14	18	18	21	34	32	18	20	18	15	3	0	461
BATTELLE MEMORIAL INSTITUTE																
Patents By Year of Grant:	154	16	22	17	6	15	12	14	22	28	23	23	24	44	40	460
Patents By Year of Application:	192	11	12	12	17	17	23	21	32	31	30	43	15	4	0	460

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
HARVARD COLLEGE, PRESIDENT AND FELLOWS																
Patents By Year of Grant:	92	9	15	14	14	13	29	25	42	35	26	30	44	38	33	459
Patents By Year of Application:	116	14	19	27	35	60	27	36	33	37	25	20	10	0	0	459
DSM N.V.																
Patents By Year of Grant:	0	0	3	15	32	16	19	20	35	34	66	70	59	58	31	458
Patents By Year of Application:	5	13	20	27	23	28	39	46	68	63	52	47	24	3	0	458
MERRELL DOW PHARMACEUTICALS																
Patents By Year of Grant:	193	56	52	48	30	49	22	0	0	0	0	0	0	0	0	450
Patents By Year of Application:	269	52	50	35	33	11	0	0	0	0	0	0	0	0	0	450
OKI ELECTRIC INDUSTRY CO., LTD.																
Patents By Year of Grant:	67	10	19	16	6	4	4	5	2	26	26	46	62	68	88	449
Patents By Year of Application:	85	25	8	4	4	4	9	16	39	43	66	55	69	22	0	449
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE																
Patents By Year of Grant:	89	16	22	22	13	23	21	13	24	45	31	52	34	30	12	447
Patents By Year of Application:	121	21	19	19	22	18	30	37	38	44	46	21	7	4	0	447
UNILEVER HOME & PERSONAL CARE USA, DIVISION OF CONOPCO, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	20	76	128	118	104	447
Patents By Year of Application:	0	0	0	0	0	0	0	0	6	87	131	128	84	11	0	447
UNIVERSITY OF MINNESOTA, THE REGENTS OF																
Patents By Year of Grant:	106	14	16	16	18	18	23	26	36	32	30	29	31	23	26	444
Patents By Year of Application:	136	19	19	27	21	44	42	24	29	33	28	17	5	0	0	444
GENERAL FOODS CORPORATION																
Patents By Year of Grant:	439	0	0	0	0	0	0	0	0	0	0	0	0	0	0	439
Patents By Year of Application:	439	0	0	0	0	0	0	0	0	0	0	0	0	0	0	439
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	207	10	18	18	5	15	8	14	14	14	19	14	21	33	29	439
Patents By Year of Application:	230	19	8	14	10	15	18	20	17	13	23	39	11	2	0	439
GLAXO GROUP LIMITED																
Patents By Year of Grant:	196	45	21	28	20	13	11	26	14	20	14	21	3	5	1	438
Patents By Year of Application:	263	22	24	14	15	35	17	18	9	11	9	1	0	0	0	438
NATIONAL RESEARCH DEVELOPMENT CORPORATION																
Patents By Year of Grant:	352	29	29	14	2	1	0	1	1	1	1	2	1	0	0	434
Patents By Year of Application:	412	13	2	2	0	2	0	0	3	0	0	0	0	0	0	434

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
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ISP INVESTMENTS INC.

Patents By Year of Grant:	0	13	66	70	50	25	14	32	24	23	23	33	23	29	8	433
Patents By Year of Application:	46	56	68	47	26	24	22	17	38	25	20	27	12	5	0	433

INSTITUT PASTEUR

Patents By Year of Grant:	59	14	8	12	13	6	14	30	42	51	43	47	29	36	26	430
Patents By Year of Application:	88	21	13	21	39	93	19	29	40	20	30	14	3	0	0	430

SANOFI, S.A.

Patents By Year of Grant:	163	29	25	22	7	22	27	47	42	32	10	2	1	0	0	429
Patents By Year of Application:	220	20	10	14	31	57	26	32	17	2	0	0	0	0	0	429

ELF ATOCHEM S.A.

Patents By Year of Grant:	0	0	3	23	23	36	37	46	61	68	63	32	17	13	3	425
Patents By Year of Application:	2	7	30	40	40	63	57	79	62	25	13	2	4	1	0	425

MICHIGAN STATE UNIVERSITY

Patents By Year of Grant:	26	8	16	12	19	14	28	31	51	46	37	29	40	43	25	425
Patents By Year of Application:	51	10	29	9	33	41	49	49	25	33	47	28	15	6	0	425

DYNAMIT NOBEL AKTIENGESELLSCHAFT

Patents By Year of Grant:	407	3	1	3	3	2	1	1	2	0	0	1	0	0	0	424
Patents By Year of Application:	413	2	2	2	2	1	0	1	0	1	0	0	0	0	0	424

COMBUSTION ENGINEERING INC.

Patents By Year of Grant:	279	9	13	37	37	15	7	10	7	5	3	1	0	0	0	423
Patents By Year of Application:	300	13	48	24	16	6	4	7	4	0	1	0	0	0	0	423

TOSOH CORPORATION

Patents By Year of Grant:	56	32	38	43	25	26	19	18	24	30	25	23	25	21	18	423
Patents By Year of Application:	120	39	29	26	27	20	31	34	21	17	19	24	14	2	0	423

MONTEDISON S.P.A.

Patents By Year of Grant:	404	12	4	0	0	1	1	0	0	0	0	0	0	0	0	422
Patents By Year of Application:	419	2	0	0	0	1	0	0	0	0	0	0	0	0	0	422

UNIVERSITY OF MICHIGAN

Patents By Year of Grant:	49	6	11	10	15	17	13	41	34	40	55	31	32	32	34	420
Patents By Year of Application:	65	12	18	22	42	44	31	47	36	37	32	27	7	0	0	420

ARMSTRONG WORLD INDUSTRIES, INC.

Patents By Year of Grant:	290	15	23	14	4	9	11	7	11	7	8	9	2	1	7	418
Patents By Year of Application:	327	15	7	7	12	11	5	11	6	6	5	2	4	0	0	418

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	145	16	15	15	13	11	10	11	37	32	26	21	25	34	7	418
Patents By Year of Application:	173	18	12	10	12	19	22	32	27	29	42	19	3	0	0	418
ADIR ET COMPAGNIE																
Patents By Year of Grant:	59	16	37	41	37	45	33	46	28	22	27	24	2	0	0	417
Patents By Year of Application:	88	43	46	40	40	45	28	27	18	19	21	2	0	0	0	417
OCCIDENTAL CHEMICAL CORPORATION																
Patents By Year of Grant:	226	28	23	21	17	12	8	6	13	16	23	16	4	3	1	417
Patents By Year of Application:	272	28	13	14	13	6	9	13	22	15	7	3	0	2	0	417
PENNWALT CORPORATION																
Patents By Year of Grant:	415	0	0	0	0	0	0	0	0	0	0	0	0	0	0	415
Patents By Year of Application:	415	0	0	0	0	0	0	0	0	0	0	0	0	0	0	415
NITTO DENKO CORPORATION																
Patents By Year of Grant:	13	7	13	21	23	14	15	27	27	31	44	50	46	42	41	414
Patents By Year of Application:	34	11	23	16	19	30	34	41	40	53	42	40	28	3	0	414
THE SCRIPPS RESEARCH INSTITUTE																
Patents By Year of Grant:	0	0	9	28	24	36	27	26	56	41	36	54	32	26	19	414
Patents By Year of Application:	28	18	41	30	59	48	33	30	51	33	25	15	3	0	0	414
CIBA-GEIGY AG																
Patents By Year of Grant:	392	4	1	2	1	2	1	4	1	1	0	0	0	0	0	409
Patents By Year of Application:	397	2	0	1	5	3	1	0	0	0	0	0	0	0	0	409
COLUMBIA UNIVERSITY																
Patents By Year of Grant:	49	5	12	11	12	10	17	22	41	42	33	41	34	42	36	407
Patents By Year of Application:	76	11	11	14	35	43	56	36	35	35	29	20	6	0	0	407
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	146	20	18	15	25	10	8	14	9	28	23	25	26	18	22	407
Patents By Year of Application:	182	15	20	11	18	17	8	29	24	32	22	16	10	3	0	407
BASF WYANDOTTE CORPORATION																
Patents By Year of Grant:	406	0	0	0	0	0	0	0	0	0	0	0	0	0	0	406
Patents By Year of Application:	406	0	0	0	0	0	0	0	0	0	0	0	0	0	0	406
PPG INDUSTRIES OHIO INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	59	83	91	54	65	54	406
Patents By Year of Application:	1	2	2	4	5	7	11	48	83	99	51	53	27	13	0	406

(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

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---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
UNIVERSITY OF FLORIDA BOARD OF REGENTS																
Patents By Year of Grant:	96	24	31	19	14	18	13	22	20	21	35	29	12	18	13	385
Patents By Year of Application:	153	16	16	17	22	30	20	30	26	18	11	18	7	1	0	385
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	13	41	108	98	124	384
Patents By Year of Application:	0	1	0	0	0	2	1	3	24	40	125	97	74	17	0	384
IOWA STATE UNIVERSITY RESEARCH FOUNDATION INC.																
Patents By Year of Grant:	99	22	15	16	23	18	22	22	35	28	22	19	11	15	15	382
Patents By Year of Application:	136	16	15	22	27	31	34	31	23	15	18	9	4	1	0	382
THE BRITISH PETROLEUM COMPANY P.L.C.																
Patents By Year of Grant:	301	21	24	17	8	5	2	1	2	1	0	0	0	0	0	382
Patents By Year of Application:	340	21	10	4	3	1	1	1	1	0	0	0	0	0	0	382
OWENS-ILLINOIS INC.																
Patents By Year of Grant:	377	0	0	0	0	1	0	0	0	1	0	0	0	0	0	379
Patents By Year of Application:	377	0	1	0	0	0	0	1	0	0	0	0	0	0	0	379
RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK																
Patents By Year of Grant:	32	12	20	15	26	22	23	27	29	38	29	29	38	16	22	378
Patents By Year of Application:	73	21	19	25	29	33	26	32	30	30	31	18	9	2	0	378
NABISCO, INC.																
Patents By Year of Grant:	238	40	24	14	10	19	16	9	0	3	2	1	1	0	0	377
Patents By Year of Application:	296	19	11	18	14	12	0	2	1	3	1	0	0	0	0	377
PETROLITE CORPORATION																
Patents By Year of Grant:	321	14	14	3	5	9	6	3	1	0	0	0	0	0	0	376
Patents By Year of Application:	345	7	1	11	4	5	3	0	0	0	0	0	0	0	0	376
SHIN-ETSU HANDOTAI CO., LTD.																
Patents By Year of Grant:	18	12	15	20	16	19	15	24	38	55	33	38	27	29	17	376
Patents By Year of Application:	39	19	21	14	19	29	45	43	37	41	30	28	7	4	0	376
PALL CORPORATION																
Patents By Year of Grant:	119	4	18	22	28	36	27	28	17	13	17	10	13	11	10	373
Patents By Year of Application:	138	18	35	32	30	33	19	15	12	11	11	15	3	1	0	373
MITSUBISHI JUKOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	183	11	18	18	18	18	24	27	23	19	5	1	0	3	3	371
Patents By Year of Application:	209	20	20	15	19	32	37	10	3	2	1	1	2	0	0	371

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
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TH. GOLDSCHMIDT AG

Patents By Year of Grant:	153	20	22	15	13	15	16	13	12	17	10	25	15	15	10	371
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Patents By Year of Application:	181	23	14	12	18	17	18	14	13	20	16	16	7	2	0	371
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PHARMACIA & UPJOHN COMPANY

Patents By Year of Grant:	0	0	0	0	0	0	0	21	40	48	40	44	56	66	53	368
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Patents By Year of Application:	0	0	3	0	11	34	28	52	34	44	49	80	26	7	0	368
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CABOT CORPORATION

Patents By Year of Grant:	90	3	9	15	6	8	8	7	16	37	39	29	48	30	22	367
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Patents By Year of Application:	103	10	8	11	10	18	24	51	27	42	25	24	14	0	0	367
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MITSUBISHI PAPER MILLS, LTD.

Patents By Year of Grant:	178	20	21	22	18	12	9	12	12	10	10	9	12	15	7	367
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Patents By Year of Application:	217	24	14	13	8	14	10	20	6	15	12	8	6	0	0	367
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EXXONMOBIL CHEMICAL PATENTS INC.

Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	57	124	97	86	364
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Patents By Year of Application:	0	0	2	1	1	5	1	15	16	68	113	67	53	22	0	364
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CENTRAL GLASS COMPANY, LIMITED

Patents By Year of Grant:	143	27	13	10	15	11	9	13	16	11	13	25	25	17	14	362
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Patents By Year of Application:	176	10	17	14	9	16	23	14	10	14	24	23	11	1	0	362
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CLARIANT GMBH

Patents By Year of Grant:	0	0	0	0	0	0	0	0	15	53	68	59	74	63	30	362
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Patents By Year of Application:	0	0	1	1	3	3	16	38	79	65	75	56	18	7	0	362
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AVERY DENNISON CORPORATION

Patents By Year of Grant:	0	1	15	20	13	7	27	35	34	32	35	25	33	45	38	360
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Patents By Year of Application:	21	13	19	12	25	53	31	46	34	23	35	21	27	0	0	360
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CHEMISCHE WERKE HULS, AG

Patents By Year of Grant:	357	1	0	1	0	0	0	0	0	0	0	0	0	0	0	359
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Patents By Year of Application:	359	0	0	0	0	0	0	0	0	0	0	0	0	0	0	359
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YEDA RESEARCH AND DEVELOPMENT CO., LTD.

Patents By Year of Grant:	129	9	9	15	7	11	15	11	24	30	18	18	16	23	20	355
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Patents By Year of Application:	162	8	10	17	14	32	17	21	20	9	26	17	2	0	0	355
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HYNIX SEMICONDUCTOR INC.

Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	54	123	176	354
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Patents By Year of Application:	0	0	0	0	0	0	0	1	1	4	18	127	161	41	1	354
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---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
RAYCHEM CORPORATION																
Patents By Year of Grant:	240	22	16	16	7	12	7	6	12	9	1	0	0	0	0	348
Patents By Year of Application:	278	12	10	7	8	9	14	9	1	0	0	0	0	0	0	348
ROCKEFELLER UNIVERSITY																
Patents By Year of Grant:	52	11	22	21	13	9	8	20	35	34	42	25	31	11	14	348
Patents By Year of Application:	83	22	18	8	32	52	22	27	30	32	12	9	1	0	0	348
SHIPLEY COMPANY INC.																
Patents By Year of Grant:	51	12	14	21	13	11	16	15	14	18	22	17	26	42	56	348
Patents By Year of Application:	75	23	8	23	8	16	20	24	22	15	33	47	30	4	0	348
AKZONA INCORPORATED																
Patents By Year of Grant:	347	0	0	0	0	0	0	0	0	0	0	0	0	0	0	347
Patents By Year of Application:	347	0	0	0	0	0	0	0	0	0	0	0	0	0	0	347
NATIONAL SCIENCE COUNCIL																
Patents By Year of Grant:	10	5	4	15	14	25	33	37	42	39	27	47	33	8	4	343
Patents By Year of Application:	17	9	15	23	34	48	36	48	31	36	32	10	4	0	0	343
ALBEMARLE CORPORATION																
Patents By Year of Grant:	0	0	0	0	17	27	25	35	43	43	39	36	24	28	24	341
Patents By Year of Application:	1	4	8	27	14	39	35	49	47	40	34	19	22	2	0	341
SALK INSTITUTE FOR BIOLOGICAL STUDIES																
Patents By Year of Grant:	90	15	11	13	11	9	18	30	26	21	19	23	20	18	17	341
Patents By Year of Application:	122	15	10	25	27	55	11	14	16	17	17	10	2	0	0	341
FARMITALIA CARLO ERBA, S.P.A.																
Patents By Year of Grant:	209	13	16	22	27	26	19	6	1	0	0	0	0	0	1	340
Patents By Year of Application:	240	15	28	27	21	8	1	0	0	0	0	0	0	0	0	340
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS																
Patents By Year of Grant:	106	16	16	21	9	9	11	12	12	21	17	20	21	32	16	339
Patents By Year of Application:	140	20	7	11	15	24	9	15	20	25	27	16	9	1	0	339
NIPPON KAYAKU KABUSHIKI KAISHA																
Patents By Year of Grant:	168	22	11	16	12	13	10	9	11	8	12	14	15	7	10	338
Patents By Year of Application:	202	17	9	11	10	11	11	11	9	14	12	12	8	1	0	338
HOYA CORPORATION																
Patents By Year of Grant:	77	13	19	11	6	7	0	9	13	29	26	22	27	31	44	334
Patents By Year of Application:	104	12	9	6	2	11	14	36	22	25	35	31	23	4	0	334

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL	
AMGEN, INC.																	
Patents By Year of Grant:	22	4	12	4	9	11	14	25	36	38	36	45	26	27	22	331	
Patents By Year of Application:	41	3	9	10	40	58	27	34	37	26	23	16	5	2	0	331	
FIRMENICH SA																	
Patents By Year of Grant:	180	11	16	8	7	9	12	8	10	8	11	13	13	10	14	330	
Patents By Year of Application:	195	14	8	8	12	12	10	9	12	10	15	7	16	2	0	330	
KANEKA CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	1	11	19	34	81	72	60	51	329	
Patents By Year of Application:	0	0	0	0	0	2	6	22	48	69	76	67	33	6	0	329	
KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY																	
Patents By Year of Grant:	3	8	15	17	7	29	24	19	34	33	23	21	32	24	40	329	
Patents By Year of Application:	14	20	12	12	35	27	38	29	21	21	33	32	29	6	0	329	
NIPPON SHEET GLASS CO., LTD.																	
Patents By Year of Grant:	70	10	19	8	19	3	7	4	3	19	21	22	50	36	36	327	
Patents By Year of Application:	90	12	22	6	6	7	3	20	20	31	44	46	15	5	0	327	
NIPPONDENSO CO., LTD.																	
Patents By Year of Grant:	108	9	7	14	13	29	35	34	35	28	7	6	2	0	0	327	
Patents By Year of Application:	123	15	16	26	30	44	51	13	6	1	2	0	0	0	0	327	
FIRESTONE TIRE & RUBBER CO.																	
Patents By Year of Grant:	326	0	0	0	0	0	0	0	0	0	0	0	0	0	0	326	
Patents By Year of Application:	326	0	0	0	0	0	0	0	0	0	0	0	0	0	0	326	
ALCAN INTERNATIONAL LIMITED																	
Patents By Year of Grant:	110	30	41	17	19	17	11	4	6	9	12	11	15	16	7	325	
Patents By Year of Application:	166	24	23	19	12	9	6	9	9	15	15	12	5	1	0	325	
NKK CORPORATION																	
Patents By Year of Grant:	37	39	35	30	20	28	24	19	15	15	15	7	11	18	11	324	
Patents By Year of Application:	101	27	25	29	33	21	13	17	13	8	15	11	8	3	0	324	
ORTHO PHARMACEUTICAL CORPORATION																	
Patents By Year of Grant:	193	11	10	16	10	13	14	12	18	11	7	4	5	0	0	324	
Patents By Year of Application:	216	11	7	23	9	17	8	21	7	3	2	0	0	0	0	324	
SUMITOMO METAL INDUSTRIES CO., LTD.																	
Patents By Year of Grant:	111	10	11	9	16	14	10	8	15	18	25	21	28	15	12	323	
Patents By Year of Application:	131	9	13	13	15	10	15	16	22	22	29	19	5	4	0	323	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
JAPAN SYNTHETIC RUBBER CO., LTD.																
Patents By Year of Grant:	179	19	17	18	19	14	17	18	17	2	0	2	0	0	0	322
Patents By Year of Application:	219	11	20	13	21	18	11	7	0	1	1	0	0	0	0	322
OTSUKA PHARMACEUTICAL CO., LTD.																
Patents By Year of Grant:	119	19	10	15	11	18	21	28	21	12	14	9	9	9	7	322
Patents By Year of Application:	157	13	10	17	24	33	10	15	10	4	13	13	2	1	0	322
TOYODA GOSEI KABUSHIKI KAISHA																
Patents By Year of Grant:	81	6	12	17	15	21	12	16	25	23	19	11	21	22	21	322
Patents By Year of Application:	94	23	13	16	21	22	21	26	23	9	21	11	21	1	0	322
WASHINGTON UNIVERSITY																
Patents By Year of Grant:	30	15	14	12	14	14	14	18	34	45	33	34	16	16	12	321
Patents By Year of Application:	59	12	21	25	24	34	40	35	28	13	20	8	1	1	0	321
SRI INTERNATIONAL																
Patents By Year of Grant:	113	13	22	20	13	12	7	12	17	16	18	18	13	13	12	319
Patents By Year of Application:	156	11	15	12	11	18	10	20	11	24	7	17	5	2	0	319
ATOCHEM																
Patents By Year of Grant:	145	26	41	39	21	13	15	9	4	3	0	0	0	1	0	317
Patents By Year of Application:	206	47	17	18	11	16	1	1	0	0	0	0	0	0	0	317
ALCON LABORATORIES, INC.																
Patents By Year of Grant:	54	9	8	10	15	28	34	50	19	29	22	30	6	2	0	316
Patents By Year of Application:	70	6	11	29	38	60	16	25	24	28	4	5	0	0	0	316
ECOLAB INC.																
Patents By Year of Grant:	33	7	12	12	13	15	17	10	10	19	19	31	37	46	35	316
Patents By Year of Application:	53	12	7	23	20	16	13	22	16	34	46	26	18	10	0	316
HITACHI METALS LTD.																
Patents By Year of Grant:	95	20	29	15	19	13	17	7	17	19	11	11	17	15	10	315
Patents By Year of Application:	133	20	23	12	21	9	18	16	13	13	14	16	7	0	0	315
LUDWIG INSTITUTE FOR CANCER RESEARCH																
Patents By Year of Grant:	0	1	4	6	6	3	20	22	45	35	39	50	38	21	24	314
Patents By Year of Application:	8	6	9	10	30	45	35	31	54	46	25	13	2	0	0	314
BEHRINGWERKE AKTIENGESELLSCHAFT																
Patents By Year of Grant:	125	14	12	24	11	12	30	54	13	12	4	1	0	0	0	312
Patents By Year of Application:	165	13	13	21	35	55	6	4	0	0	0	0	0	0	0	312

[illegible]

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	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V																
Patents By Year of Grant:	114	9	5	6	8	10	8	11	18	30	17	13	15	30	13	307
Patents By Year of Application:	130	9	5	13	11	30	24	18	13	12	27	11	3	1	0	307
PRAXAIR TECHNOLOGY, INC.																
Patents By Year of Grant:	0	0	4	18	16	21	12	21	27	37	31	37	30	31	21	306
Patents By Year of Application:	3	15	13	18	18	25	23	52	32	29	39	25	12	2	0	306
LONZA LTD.																
Patents By Year of Grant:	132	16	33	37	30	11	10	10	5	7	8	1	3	1	0	304
Patents By Year of Application:	161	35	32	26	16	8	4	8	3	8	0	3	0	0	0	304
MILLIKEN RESEARCH CORPORATION																
Patents By Year of Grant:	167	18	15	18	15	12	18	10	18	11	0	0	0	0	1	303
Patents By Year of Application:	199	16	17	9	16	16	11	13	5	0	1	0	0	0	0	303
YAMANOUCI PHARMACEUTICAL CO., LTD.																
Patents By Year of Grant:	149	14	13	10	5	17	13	11	11	4	10	8	9	13	15	302
Patents By Year of Application:	173	8	9	12	17	15	7	9	9	5	13	13	9	3	0	302
TOKYO OHKA KOGYO CO., LTD.																
Patents By Year of Grant:	53	6	4	5	8	8	13	13	24	32	27	34	18	24	31	300
Patents By Year of Application:	63	5	4	10	14	11	28	33	28	29	21	27	22	5	0	300
ZYMOGENETICS, INC.																
Patents By Year of Grant:	13	4	6	7	6	13	21	21	30	32	22	34	36	30	25	300
Patents By Year of Application:	30	3	8	14	22	51	9	28	22	31	46	25	9	2	0	300
MORTON INTERNATIONAL, INC.																
Patents By Year of Grant:	6	15	20	21	21	24	29	32	35	39	29	19	8	0	1	299
Patents By Year of Application:	35	21	17	23	26	29	41	43	35	24	1	4	0	0	0	299
GENETICS INSTITUTE, INC.																
Patents By Year of Grant:	31	13	9	12	13	15	14	27	39	33	19	24	16	20	13	298
Patents By Year of Application:	63	17	12	17	21	34	37	38	17	11	20	11	0	0	0	298
MACRONIX INTERNATIONAL CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	1	0	4	5	7	4	13	73	104	87	298
Patents By Year of Application:	0	0	0	1	1	5	4	7	2	7	20	129	95	26	1	298
HONEYWELL INC.																
Patents By Year of Grant:	204	10	7	11	10	5	7	8	5	12	13	4	1	0	0	297
Patents By Year of Application:	221	11	8	6	12	7	5	11	11	4	1	0	0	0	0	297

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	Pre																
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL	
NORTON COMPANY																	
Patents By Year of Grant:	137	24	27	15	15	14	16	9	10	11	10	8	0	0	0	296	
Patents By Year of Application:	186	20	14	12	12	11	12	13	8	5	3	0	0	0	0	296	
S. C. JOHNSON + SON, INC.																	
Patents By Year of Grant:	124	8	13	6	6	5	8	12	18	29	11	9	19	13	14	295	
Patents By Year of Application:	142	7	7	5	6	17	23	29	12	15	13	12	6	1	0	295	
LAM RESEARCH CORPORATION																	
Patents By Year of Grant:	4	0	4	4	2	1	2	8	14	26	42	55	38	49	45	294	
Patents By Year of Application:	8	4	0	4	1	13	37	36	26	47	52	34	28	4	0	294	
TERUMO KABUSHIKI KAISHA (TERUMO CORPORATION)																	
Patents By Year of Grant:	118	18	42	35	14	5	16	12	3	4	6	6	6	3	6	294	
Patents By Year of Application:	180	29	18	10	10	12	4	8	3	8	7	2	3	0	0	294	
CHUGAI SEIYAKU KABUSHIKI KAISHA																	
Patents By Year of Grant:	92	9	2	3	2	2	7	8	14	25	18	22	26	35	28	293	
Patents By Year of Application:	105	2	0	4	10	13	17	19	31	20	38	14	18	2	0	293	
UNILEVER PATENT HOLDINGS B.V.																	
Patents By Year of Grant:	43	29	22	26	36	23	17	12	19	13	17	14	13	7	2	293	
Patents By Year of Application:	94	22	34	33	28	19	11	12	10	11	15	4	0	0	0	293	
BABCOCK & WILCOX COMPANY																	
Patents By Year of Grant:	131	16	16	19	11	20	28	22	7	1	4	6	6	3	2	292	
Patents By Year of Application:	159	11	21	14	31	27	8	5	3	4	4	3	2	0	0	292	
GENENCOR INTERNATIONAL, INC.																	
Patents By Year of Grant:	7	5	8	16	19	14	6	15	25	21	21	42	31	40	22	292	
Patents By Year of Application:	25	13	20	14	20	45	16	26	26	23	39	18	6	1	0	292	
GTE LABORATORIES, INC.																	
Patents By Year of Grant:	241	22	13	9	6	0	0	0	0	0	1	0	0	0	0	292	
Patents By Year of Application:	277	7	6	1	0	0	0	0	0	1	0	0	0	0	0	292	
TANABE SEIYAKU CO. LTD.																	
Patents By Year of Grant:	133	14	7	23	9	14	15	14	26	9	4	5	4	8	7	292	
Patents By Year of Application:	157	11	16	21	7	23	21	9	6	4	6	6	2	3	0	292	
NORTH CAROLINA STATE UNIVERSITY																	
Patents By Year of Grant:	33	7	13	20	14	14	15	16	14	17	13	24	22	33	36	291	
Patents By Year of Application:	49	11	15	25	17	19	21	18	18	21	28	29	17	3	0	291	

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	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
INTERNATIONAL PAPER CO.																
Patents By Year of Grant:	101	7	6	17	12	16	20	15	24	19	13	14	8	13	5	290
Patents By Year of Application:	113	15	17	22	20	23	14	25	13	9	7	9	3	0	0	290
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.																
Patents By Year of Grant:	26	12	10	4	3	6	13	19	22	27	25	22	36	37	27	289
Patents By Year of Application:	44	7	5	3	11	27	22	30	23	30	31	41	13	2	0	289
SHISEIDO CO., LTD.																
Patents By Year of Grant:	38	8	17	15	17	11	9	20	33	26	27	24	17	19	7	288
Patents By Year of Application:	71	13	13	18	12	16	27	24	35	25	17	9	8	0	0	288
CASSELLA AKTIENGESELLSCHAFT																
Patents By Year of Grant:	197	14	14	13	14	16	12	5	0	0	0	1	0	0	0	286
Patents By Year of Application:	220	12	15	17	12	7	3	0	0	0	0	0	0	0	0	286
UNIROYAL CHEMICAL COMPANY, INC.																
Patents By Year of Grant:	93	16	18	12	12	5	18	16	11	19	14	24	8	8	12	286
Patents By Year of Application:	127	5	12	9	17	13	17	22	14	21	14	10	5	0	0	286
NIKON CORPORATION																
Patents By Year of Grant:	25	1	1	6	2	9	11	20	18	34	34	41	31	30	22	285
Patents By Year of Application:	28	6	5	4	7	28	23	28	32	40	44	22	14	4	0	285
ELECTRIC POWER RESEARCH INSTITUTE, INC.																
Patents By Year of Grant:	151	14	12	22	9	11	9	8	8	11	5	5	8	3	8	284
Patents By Year of Application:	177	22	11	7	13	7	8	9	9	5	6	5	4	1	0	284
KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO																
Patents By Year of Grant:	103	6	11	9	3	11	12	15	13	18	18	18	19	12	16	284
Patents By Year of Application:	117	10	5	11	13	14	16	16	20	22	17	10	13	0	0	284
MEIJI SEIKA KAISHA LTD.																
Patents By Year of Grant:	121	13	7	10	10	11	3	15	12	10	10	17	26	7	12	284
Patents By Year of Application:	140	13	6	10	9	12	10	9	16	16	19	13	10	1	0	284
NATIONAL STARCH AND CHEMICAL CORPORATION																
Patents By Year of Grant:	282	0	0	0	0	0	0	0	0	0	0	0	0	0	0	282
Patents By Year of Application:	282	0	0	0	0	0	0	0	0	0	0	0	0	0	0	282
TRW INC.																
Patents By Year of Grant:	129	3	9	7	13	5	7	5	12	12	24	18	23	14	1	282
Patents By Year of Application:	137	10	10	4	12	9	14	16	18	17	22	13	0	0	0	282

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
UNIVERSITY OF NORTH CAROLINA																
Patents By Year of Grant:	11	2	9	12	12	16	19	32	24	37	24	29	17	23	13	280
Patents By Year of Application:	28	10	14	10	24	48	21	37	19	23	23	13	10	0	0	280
BEIERSDORF AKTIENGESELLSCHAFT																
Patents By Year of Grant:	63	4	4	3	2	2	7	16	26	26	22	19	31	33	21	279
Patents By Year of Application:	70	4	1	3	11	21	20	34	28	31	30	18	8	0	0	279
NATIONAL DISTILLERS AND CHEMICAL CORPORATION																
Patents By Year of Grant:	274	3	1	1	0	0	0	0	0	0	0	0	0	0	0	279
Patents By Year of Application:	279	0	0	0	0	0	0	0	0	0	0	0	0	0	0	279
RESEARCH CORPORATION TECHNOLOGIES, INC.																
Patents By Year of Grant:	11	8	11	23	16	25	12	48	51	21	17	12	6	7	11	279
Patents By Year of Application:	40	11	30	25	39	69	14	9	16	12	6	5	3	0	0	279
CALGON CORPORATION																
Patents By Year of Grant:	146	12	13	20	15	12	10	11	9	5	11	6	5	2	0	277
Patents By Year of Application:	169	14	27	8	7	14	12	6	7	5	6	2	0	0	0	277
CYTEC TECHNOLOGY CORP.																
Patents By Year of Grant:	0	0	0	0	21	21	25	35	48	24	35	25	14	14	15	277
Patents By Year of Application:	4	2	9	30	28	54	51	23	24	19	11	14	7	1	0	277
SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM																
Patents By Year of Grant:	101	14	16	11	14	14	9	13	11	17	14	25	7	4	7	277
Patents By Year of Application:	130	7	23	16	12	10	11	16	18	13	13	5	3	0	0	277
GENCORP INC.																
Patents By Year of Grant:	168	6	9	11	16	13	14	16	11	4	3	0	4	0	0	275
Patents By Year of Application:	179	17	9	15	21	11	11	6	2	2	2	0	0	0	0	275
SUMITOMO RUBBER INDUSTRIES, LTD.																
Patents By Year of Grant:	23	10	10	21	19	15	22	11	15	19	16	20	19	31	24	275
Patents By Year of Application:	46	14	24	18	16	22	14	27	21	11	24	26	12	0	0	275
CHESEBROUGH-POND'S USA CO., DIVISION OF CONOPCO, INC.																
Patents By Year of Grant:	23	16	31	32	16	20	30	24	35	18	19	7	0	2	1	274
Patents By Year of Application:	58	34	22	21	25	27	31	24	22	7	3	0	0	0	0	274
HAYASHIBARA BIOCHEMICAL LABORATORIES INCORPORATED																
Patents By Year of Grant:	67	7	7	5	6	9	21	18	28	39	17	17	13	12	8	274
Patents By Year of Application:	80	5	5	13	19	35	14	47	17	14	12	13	0	0	0	274

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
YALE UNIVERSITY																
Patents By Year of Grant:	41	2	11	12	8	13	4	15	31	21	28	24	24	25	15	274
Patents By Year of Application:	61	7	12	17	17	26	22	23	24	28	17	16	4	0	0	274
SANDOZ PHARMACEUTICALS CORP.																
Patents By Year of Grant:	262	4	2	0	3	1	1	0	0	0	0	0	0	0	0	273
Patents By Year of Application:	267	1	1	3	1	0	0	0	0	0	0	0	0	0	0	273
WILLIAM WRIGLEY JR. COMPANY																
Patents By Year of Grant:	41	10	41	19	21	26	22	8	5	13	14	10	13	20	10	273
Patents By Year of Application:	70	28	27	22	25	20	9	11	7	13	23	12	5	1	0	273
DUKE UNIVERSITY INC.																
Patents By Year of Grant:	27	3	3	7	17	15	22	14	20	25	22	33	25	23	16	272
Patents By Year of Application:	39	4	18	18	31	26	23	16	25	32	18	16	5	1	0	272
TEXACO CHEMICAL COMPANY																
Patents By Year of Grant:	39	47	80	65	38	2	0	0	0	0	0	0	0	0	0	271
Patents By Year of Application:	137	57	47	30	0	0	0	0	0	0	0	0	0	0	0	271
CLARIANT FINANCE (BVI) LIMITED																
Patents By Year of Grant:	0	0	0	0	0	0	6	19	34	36	32	26	40	38	39	270
Patents By Year of Application:	0	0	1	0	10	29	25	36	29	34	45	37	21	3	0	270
TEXACO DEVELOPMENT CORPORATION																
Patents By Year of Grant:	265	0	0	0	0	0	2	1	0	0	0	0	0	2	0	270
Patents By Year of Application:	265	0	0	0	1	2	0	0	0	0	2	0	0	0	0	270
POLYPLASTICS CO., LTD.																
Patents By Year of Grant:	78	23	31	38	12	11	12	4	13	11	5	6	6	6	13	269
Patents By Year of Application:	126	33	21	8	14	8	12	13	4	5	5	12	5	2	1	269
RHODIA CHIMIE																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	11	37	57	69	58	36	268
Patents By Year of Application:	0	0	0	2	0	1	1	10	39	55	64	62	28	6	0	268
SANDVIK AKTIEBOLAG																
Patents By Year of Grant:	24	3	9	4	12	21	22	16	20	32	16	37	20	13	19	268
Patents By Year of Application:	33	6	15	14	22	26	20	25	24	18	34	20	10	1	0	268
SOLVAY (SOCIETE ANONYME)																
Patents By Year of Grant:	0	0	4	21	27	22	21	22	19	19	21	27	23	20	22	268
Patents By Year of Application:	5	16	20	31	37	25	26	19	19	18	25	16	10	1	0	268

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	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
DONALDSON COMPANY, INC.																
Patents By Year of Grant:	85	4	3	5	4	8	5	11	14	26	24	22	21	17	18	267
Patents By Year of Application:	91	2	4	11	6	8	16	26	32	18	16	20	13	4	0	267
WEYERHAEUSER COMPANY																
Patents By Year of Grant:	75	14	11	10	15	7	12	12	8	10	4	15	21	29	22	265
Patents By Year of Application:	100	14	17	11	9	11	9	7	10	14	18	21	12	12	0	265
MILLIKEN & COMPANY																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	32	25	29	57	72	49	264
Patents By Year of Application:	0	0	1	2	2	3	8	16	22	44	46	78	28	14	0	264
DIAMOND SHAMROCK CORPORATION																
Patents By Year of Grant:	263	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
Patents By Year of Application:	263	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
W. L. GORE & ASSOCIATES, INC.																
Patents By Year of Grant:	40	10	14	16	20	23	28	24	33	32	18	3	2	0	0	263
Patents By Year of Application:	60	12	18	21	35	33	52	17	9	4	2	0	0	0	0	263
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH																
Patents By Year of Grant:	75	8	12	6	8	7	13	22	19	11	15	18	13	20	15	262
Patents By Year of Application:	97	7	8	12	20	38	7	11	17	12	15	12	5	1	0	262
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	165	11	13	14	8	11	6	4	9	3	1	6	5	3	2	261
Patents By Year of Application:	193	5	12	12	7	9	3	5	4	4	2	3	2	0	0	261
UNIVERSITY OF PITTSBURGH																
Patents By Year of Grant:	31	7	7	6	5	9	8	15	23	35	26	32	19	17	21	261
Patents By Year of Application:	45	8	4	14	15	26	27	31	29	17	16	19	8	2	0	261
DENSO CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	9	31	41	47	37	50	45	260
Patents By Year of Application:	0	0	0	1	0	2	12	42	39	51	35	48	24	5	1	260
PRODUITS CHIMIQUES UGINE KUHLMANN																
Patents By Year of Grant:	258	2	0	0	0	0	0	0	0	0	0	0	0	0	0	260
Patents By Year of Application:	260	0	0	0	0	0	0	0	0	0	0	0	0	0	0	260
ROHM GMBH																
Patents By Year of Grant:	188	12	8	11	11	4	6	2	0	4	3	9	1	0	0	259
Patents By Year of Application:	209	7	10	8	2	5	1	2	7	6	2	0	0	0	0	259

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
THE CLOROX COMPANY																
Patents By Year of Grant:	79	13	18	14	12	12	11	8	24	18	17	14	13	4	2	259
Patents By Year of Application:	110	14	13	9	12	20	22	16	14	14	6	7	1	0	1	259
JOHN WYETH & BROTHER, LTD.																
Patents By Year of Grant:	197	11	7	7	5	5	5	10	5	1	3	1	1	0	0	258
Patents By Year of Application:	213	7	7	4	5	14	4	1	2	0	1	0	0	0	0	258
AVENTIS PHARMA DEUTSCHLAND GMBH																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	14	54	75	61	53	257
Patents By Year of Application:	0	0	0	0	2	2	2	11	23	42	76	58	32	9	0	257
EBARA CORPORATION																
Patents By Year of Grant:	32	3	2	5	6	5	4	12	16	24	27	14	36	29	42	257
Patents By Year of Application:	35	5	7	6	5	12	27	24	26	15	39	37	16	1	2	257
mitsubishi materials corporation																
Patents By Year of Grant:	0	6	17	22	35	27	17	23	23	16	14	17	16	13	11	257
Patents By Year of Application:	18	20	36	26	28	22	21	18	14	14	20	11	6	2	1	257
CHINOIN GYOGYSZER ES VEGYESZETI TERMEKEK GYARA RT.																
Patents By Year of Grant:	194	17	9	14	6	10	4	0	0	0	0	0	2	0	0	256
Patents By Year of Application:	223	10	8	5	7	1	0	1	0	0	1	0	0	0	0	256
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	23	53	91	86	256
Patents By Year of Application:	0	0	0	0	0	0	1	1	5	19	86	87	44	13	0	256
GILLETTE COMPANY																
Patents By Year of Grant:	46	8	2	7	18	13	11	11	18	18	17	18	27	18	24	256
Patents By Year of Application:	60	5	19	12	16	9	26	12	11	24	30	18	12	2	0	256
IMMUNEX CORPORATION																
Patents By Year of Grant:	22	5	6	12	10	13	15	12	21	17	23	23	24	37	16	256
Patents By Year of Application:	44	6	11	13	20	27	19	13	32	13	34	17	5	2	0	256
NIPPON TELEGRAPH & TELEPHONE CORP.																
Patents By Year of Grant:	143	9	4	14	13	8	9	10	8	3	12	4	8	6	5	256
Patents By Year of Application:	157	9	9	17	8	10	7	8	9	8	6	1	5	2	0	256
ASTRAZENECA AB																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	8	33	71	74	69	255
Patents By Year of Application:	0	0	0	0	0	0	3	8	23	38	57	68	42	16	0	255

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
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BRIGHAM AND WOMEN'S HOSPITAL

Patents By Year of Grant:	11	7	6	17	16	15	9	18	19	19	16	29	21	25	27	255
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Patents By Year of Application:	30	14	19	15	23	26	15	16	23	17	20	24	13	0	0	255
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TOYO SODA MANUFACTURING CO., LTD.

Patents By Year of Grant:	248	3	1	3	0	0	0	0	0	0	0	0	0	0	0	255
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Patents By Year of Application:	252	1	2	0	0	0	0	0	0	0	0	0	0	0	0	255
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AKTIEBOLAGET ASTRA

Patents By Year of Grant:	1	1	0	3	4	14	14	41	53	48	46	23	3	0	2	253
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Patents By Year of Application:	5	7	6	14	32	78	35	33	27	14	1	1	0	0	0	253
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ONO PHARMACEUTICAL COMPANY, LIMITED

Patents By Year of Grant:	91	11	11	10	7	14	11	11	10	9	9	14	18	17	10	253
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Patents By Year of Application:	108	12	9	11	18	9	13	5	13	8	20	15	10	2	0	253
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NORTHWESTERN UNIVERSITY

Patents By Year of Grant:	46	3	5	6	11	14	8	23	29	16	11	27	23	17	13	252
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Patents By Year of Application:	55	5	9	10	15	36	23	16	13	22	24	14	9	1	0	252
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CHEVRON U.S.A. INC.

Patents By Year of Grant:	0	0	0	0	0	7	14	19	16	19	17	17	30	50	61	250
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Patents By Year of Application:	0	2	2	1	18	14	19	26	13	17	28	68	37	5	0	250
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RHONE-POULENC RORER, S.A.

Patents By Year of Grant:	0	0	2	6	14	20	22	59	51	36	22	18	0	0	0	250
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Patents By Year of Application:	2	3	14	22	23	68	38	54	16	9	1	0	0	0	0	250
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TAKASAGO INTERNATIONAL CORPORATION

Patents By Year of Grant:	12	7	9	16	16	15	16	15	29	24	17	22	24	13	15	250
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Patents By Year of Application:	24	17	11	18	15	16	26	29	20	24	13	23	13	1	0	250
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MITA INDUSTRIAL COMPANY LTD.

Patents By Year of Grant:	107	13	18	33	20	6	11	10	15	8	7	1	0	0	0	249
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Patents By Year of Application:	146	21	20	10	8	17	8	7	8	3	1	0	0	0	0	249
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SEPRACOR INC.

Patents By Year of Grant:	4	3	5	11	9	11	13	13	15	16	33	33	49	19	13	247
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Patents By Year of Application:	15	6	7	14	20	14	13	15	29	27	39	31	17	0	0	247
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CARGILL, INC.

Patents By Year of Grant:	26	8	8	11	11	3	11	10	19	22	29	22	25	22	19	246
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Patents By Year of Application:	37	8	16	10	8	21	14	23	26	28	19	24	11	1	0	246
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---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
HOOKER CHEMICALS & PLASTICS CORP.																
Patents By Year of Grant:	245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	245
Patents By Year of Application:	245	0	0	0	0	0	0	0	0	0	0	0	0	0	0	245
MERCK FROSST CANADA, INC.																
Patents By Year of Grant:	50	9	14	20	14	17	17	10	14	12	14	19	24	5	5	244
Patents By Year of Application:	69	17	23	18	14	15	8	16	12	14	22	10	5	1	0	244
DELPHI TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	12	16	57	72	86	243
Patents By Year of Application:	0	0	0	0	0	0	1	2	5	38	85	59	45	8	0	243
DEUTSCHE GOLD- UND SILBER-SCHNEIDANSTALT VORMALS ROESSLER																
Patents By Year of Grant:	242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	242
Patents By Year of Application:	242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	242
KAO SOAP CO., LTD.																
Patents By Year of Grant:	241	0	1	0	0	0	0	0	0	0	0	0	0	0	0	242
Patents By Year of Application:	242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	242
NIPPON PETROCHEMICALS COMPANY, LIMITED																
Patents By Year of Grant:	100	18	13	21	17	8	7	5	7	7	13	10	11	4	1	242
Patents By Year of Application:	135	20	14	7	8	5	6	16	8	1	15	7	0	0	0	242
THOMAS JEFFERSON UNIVERSITY																
Patents By Year of Grant:	15	5	2	4	10	9	11	24	22	24	23	34	28	21	10	242
Patents By Year of Application:	25	1	8	11	27	30	25	30	30	23	18	10	4	0	0	242
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	14	7	15	15	12	10	14	17	13	22	25	22	15	27	13	241
Patents By Year of Application:	32	17	12	10	16	23	9	25	17	32	18	14	14	2	0	241
GLAXO WELLCOME INC.																
Patents By Year of Grant:	0	0	0	0	0	1	23	29	39	47	43	51	5	1	2	241
Patents By Year of Application:	2	0	0	13	24	46	28	53	34	23	18	0	0	0	0	241
HITACHI MAXELL, LTD.																
Patents By Year of Grant:	86	22	12	11	8	6	13	11	9	15	16	5	9	9	9	241
Patents By Year of Application:	125	3	8	12	12	16	10	14	12	5	10	9	3	2	0	241
MEDTRONIC INC.																
Patents By Year of Grant:	46	4	6	7	9	11	2	11	25	30	25	19	13	16	17	241
Patents By Year of Application:	57	4	7	12	10	10	29	29	22	24	11	13	9	4	0	241

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
CHURCH + DWIGHT CO., INC.																
Patents By Year of Grant:	18	0	6	25	30	39	28	20	19	23	9	6	10	4	3	240
Patents By Year of Application:	18	18	24	50	27	35	17	19	14	4	3	8	3	0	0	240
GENERAL MILLS, INC.																
Patents By Year of Grant:	74	8	6	12	8	7	6	2	10	17	18	27	21	10	14	240
Patents By Year of Application:	87	6	10	6	12	4	5	18	20	35	26	3	8	0	0	240
ENIRICERCH S.P.A.																
Patents By Year of Grant:	51	27	28	30	22	16	16	16	12	13	3	1	1	3	0	239
Patents By Year of Application:	105	23	21	25	18	21	13	8	4	1	0	0	0	0	0	239
NEUROGEN CORPORATION																
Patents By Year of Grant:	0	0	3	7	6	5	3	31	22	24	28	38	39	20	13	239
Patents By Year of Application:	4	4	7	7	7	31	16	22	20	36	41	33	9	2	0	239
UNITIKA LTD.																
Patents By Year of Grant:	115	10	10	8	13	8	15	11	13	13	8	3	1	4	7	239
Patents By Year of Application:	133	8	13	10	18	12	9	16	6	5	2	3	3	1	0	239
J. M. HUBER CORPORATION																
Patents By Year of Grant:	118	16	16	14	11	2	7	4	9	8	11	5	8	8	1	238
Patents By Year of Application:	142	19	10	6	4	4	9	10	10	9	9	5	0	1	0	238
NIPPON OIL AND FATS CO., LTD.																
Patents By Year of Grant:	142	22	26	25	10	6	5	1	0	1	0	0	0	0	0	238
Patents By Year of Application:	189	23	12	6	3	4	0	1	0	0	0	0	0	0	0	238
YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM																
Patents By Year of Grant:	23	6	5	7	15	10	11	17	23	30	16	27	16	18	14	238
Patents By Year of Application:	36	8	12	13	21	27	17	23	22	27	14	11	5	2	0	238
MEAD CORPORATION																
Patents By Year of Grant:	157	13	16	13	9	5	2	5	3	4	3	4	1	2	0	237
Patents By Year of Application:	181	19	8	2	6	7	1	3	3	4	2	1	0	0	0	237
SANDIA CORPORATION																
Patents By Year of Grant:	0	0	0	0	1	12	3	9	26	36	30	35	32	30	23	237
Patents By Year of Application:	0	0	3	9	10	9	25	31	36	34	32	25	20	3	0	237
HALLIBURTON CO.																
Patents By Year of Grant:	164	9	11	6	14	12	8	7	4	1	0	0	0	0	0	236
Patents By Year of Application:	175	13	10	13	10	8	4	3	0	0	0	0	0	0	0	236

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
SCHOTT GLASWERKE																
Patents By Year of Grant:	60	11	14	11	9	8	10	7	9	10	13	15	17	17	24	235
Patents By Year of Application:	79	11	7	21	7	10	4	14	13	16	26	9	17	1	0	235
VLSI TECHNOLOGY, INC.																
Patents By Year of Grant:	3	4	4	12	21	31	12	12	29	43	37	20	7	0	0	235
Patents By Year of Application:	10	11	19	30	16	13	28	57	26	21	4	0	0	0	0	235
LANXIDE TECHNOLOGY COMPANY, LP																
Patents By Year of Grant:	51	27	31	31	24	20	18	17	9	2	2	1	0	1	0	234
Patents By Year of Application:	103	22	33	24	23	22	2	3	1	0	0	1	0	0	0	234
MCDONNELL DOUGLAS CORP.																
Patents By Year of Grant:	109	5	6	6	12	6	5	13	17	23	15	7	5	3	2	234
Patents By Year of Application:	127	6	8	2	12	13	19	24	11	6	2	2	2	0	0	234
TODA KOGYO CORP.																
Patents By Year of Grant:	27	4	14	9	6	7	14	18	6	12	28	20	28	19	21	233
Patents By Year of Application:	41	12	6	12	12	18	7	14	21	22	26	21	19	2	0	233
SOLVAY & CIE (SOCIETE ANONYME)																
Patents By Year of Grant:	171	18	22	10	7	1	0	2	0	0	0	0	1	0	0	232
Patents By Year of Application:	209	12	7	0	2	2	0	0	0	0	0	0	0	0	0	232
SWISS ALUMINIUM LTD.																
Patents By Year of Grant:	227	3	1	0	0	0	0	0	0	0	0	0	0	0	0	231
Patents By Year of Application:	230	1	0	0	0	0	0	0	0	0	0	0	0	0	0	231
BAUSCH & LOMB, INC.																
Patents By Year of Grant:	46	10	8	11	14	13	11	12	8	17	9	16	13	22	20	230
Patents By Year of Application:	64	7	14	11	18	11	11	12	20	10	23	22	6	1	0	230
SYNTHELABO S.A.																
Patents By Year of Grant:	122	12	7	12	8	18	15	11	7	8	9	1	0	0	0	230
Patents By Year of Application:	140	7	11	13	17	16	6	5	11	4	0	0	0	0	0	230
UNITED STATES OF AMERICA, DEPARTMENT OF THE INTERIOR																
Patents By Year of Grant:	160	8	8	6	7	8	9	4	1	5	3	2	5	2	2	230
Patents By Year of Application:	174	5	7	7	9	7	2	4	4	3	3	4	1	0	0	230
UNIVERSITY OF IOWA RESEARCH FOUNDATION																
Patents By Year of Grant:	41	4	6	11	6	16	7	9	18	20	7	30	19	20	16	230
Patents By Year of Application:	56	5	8	15	12	14	21	12	27	24	12	16	7	1	0	230

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
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THOMSON-CSF

Patents By Year of Grant:	156	7	7	12	11	9	3	5	2	8	3	1	4	1	0	229
Patents By Year of Application:	171	10	11	9	4	5	6	5	3	1	4	0	0	0	0	229

TOA NENRYO KOGYO KABUSHIKI KAISHA

Patents By Year of Grant:	200	14	12	2	0	1	0	0	0	0	0	0	0	0	0	229
Patents By Year of Application:	221	6	1	1	0	0	0	0	0	0	0	0	0	0	0	229

KERNFORSCHUNGSANLAGE JULICH GMBH

Patents By Year of Grant:	219	5	3	1	0	0	0	0	0	0	0	0	0	0	0	228
Patents By Year of Application:	227	0	1	0	0	0	0	0	0	0	0	0	0	0	0	228

ROCHE DIAGNOSTICS GMBH

Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	20	38	68	41	36	25	228
Patents By Year of Application:	2	2	2	4	2	5	16	40	42	40	47	20	5	1	0	228

ADVANCED TECHNOLOGY MATERIALS, INC.

Patents By Year of Grant:	15	5	2	4	5	2	3	8	9	23	26	28	33	36	28	227
Patents By Year of Application:	23	5	3	0	8	7	8	30	39	24	23	38	16	3	0	227

DE SOTO, INC.

Patents By Year of Grant:	224	3	0	0	0	0	0	0	0	0	0	0	0	0	0	227
Patents By Year of Application:	227	0	0	0	0	0	0	0	0	0	0	0	0	0	0	227

ETHICON, INC.

Patents By Year of Grant:	40	7	2	1	3	11	4	24	17	14	20	16	27	24	16	226
Patents By Year of Application:	49	0	3	5	10	12	30	19	28	27	23	12	7	1	0	226

FURUKAWA ELECTRIC CO., LTD.

Patents By Year of Grant:	71	8	8	16	13	14	10	6	9	11	9	10	11	12	18	226
Patents By Year of Application:	87	10	12	17	12	9	13	9	11	7	12	15	11	1	0	226

KANEBO LTD.

Patents By Year of Grant:	125	5	13	12	11	7	3	8	4	5	8	7	9	3	6	226
Patents By Year of Application:	143	11	7	12	8	3	8	7	4	9	8	4	2	0	0	226

PURDUE RESEARCH FOUNDATION

Patents By Year of Grant:	85	6	3	6	6	7	10	17	17	13	5	9	18	13	11	226
Patents By Year of Application:	95	3	8	10	15	19	12	9	7	11	20	9	6	2	0	226

LINDE AKTIENGESELLSCHAFT

Patents By Year of Grant:	172	7	7	1	3	8	3	6	6	1	3	6	0	0	2	225
Patents By Year of Application:	183	5	5	5	2	5	8	1	5	3	1	0	2	0	0	225

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL	
ENERGY CONVERSION DEVICES, INC.																	
Patents By Year of Grant:	165	2	6	5	3	2	1	3	1	4	5	6	6	8	7	224	
Patents By Year of Application:	175	7	1	1	1	4	4	1	6	6	7	4	6	1	0	224	
NEW YORK UNIVERSITY																	
Patents By Year of Grant:	40	3	4	15	8	10	12	17	15	21	15	17	15	13	19	224	
Patents By Year of Application:	55	9	13	26	19	22	12	16	12	14	11	11	4	0	0	224	
NIPPON SHOKUBAI KAGAKU KOGYO CO. LTD.																	
Patents By Year of Grant:	138	21	28	18	9	2	3	2	1	0	1	0	1	0	0	224	
Patents By Year of Application:	189	17	5	6	3	2	1	1	0	0	0	0	0	0	0	224	
PENN STATE RESEARCH FOUNDATION, INC.																	
Patents By Year of Grant:	0	0	0	1	8	11	11	13	11	23	26	34	32	31	22	223	
Patents By Year of Application:	0	3	3	15	13	14	16	16	34	32	35	31	9	2	0	223	
WELLA AG																	
Patents By Year of Grant:	63	7	4	2	2	8	10	9	6	17	18	11	23	21	22	223	
Patents By Year of Application:	74	0	2	11	8	6	11	17	18	13	21	21	21	0	0	223	
DANA-FARBER CANCER INSTITUTE, INC.																	
Patents By Year of Grant:	29	9	6	12	9	8	14	17	31	21	14	14	17	11	10	222	
Patents By Year of Application:	48	11	15	20	26	44	8	12	16	8	8	3	3	0	0	222	
FERRO-CORPORATION																	
Patents By Year of Grant:	56	8	19	15	21	10	7	10	9	10	10	9	10	16	12	222	
Patents By Year of Application:	79	17	12	20	5	12	6	16	10	9	11	14	8	3	0	222	
MOSEL VITELIC, INCORPORATED																	
Patents By Year of Grant:	0	0	0	0	0	0	3	11	25	29	48	41	29	14	22	222	
Patents By Year of Application:	0	0	0	0	2	7	38	26	42	43	26	14	21	3	0	222	
RHONE-POULENC SPECIALITIES CHIMIQUES																	
Patents By Year of Grant:	209	5	2	2	3	0	0	0	1	0	0	0	0	0	0	222	
Patents By Year of Application:	216	3	3	0	0	0	0	0	0	0	0	0	0	0	0	222	
EMORY UNIVERSITY																	
Patents By Year of Grant:	9	10	6	13	5	9	11	10	31	24	16	15	26	20	16	221	
Patents By Year of Application:	30	8	15	10	9	40	14	19	13	21	26	9	5	2	0	221	
MALLINCKRODT, INC.																	
Patents By Year of Grant:	156	10	2	1	0	1	0	0	0	5	3	17	8	10	8	221	
Patents By Year of Application:	170	2	0	0	0	0	1	5	2	8	23	6	4	0	0	221	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL	
HARRIS CORP.																	
Patents By Year of Grant:	101	7	10	11	8	12	11	22	15	15	0	2	3	0	2	219	
Patents By Year of Application:	116	9	13	10	13	24	13	10	6	3	0	0	1	1	0	219	
DENKI KAGAKU KOGYO KABUSHIKI KAISHA																	
Patents By Year of Grant:	110	2	4	9	9	5	9	5	10	10	11	8	15	7	3	217	
Patents By Year of Application:	120	5	7	3	6	12	8	10	14	6	14	9	3	0	0	217	
RHONE-POULENC AGROCHIMIE LIMITED																	
Patents By Year of Grant:	96	4	10	6	2	6	9	17	10	23	17	6	4	5	2	217	
Patents By Year of Application:	108	6	5	3	16	21	6	21	15	9	1	3	3	0	0	217	
WYETH																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	52	83	82	217	
Patents By Year of Application:	0	1	0	0	0	2	0	3	5	10	18	70	86	21	1	217	
RAYTHEON COMPANY																	
Patents By Year of Grant:	90	12	6	4	5	3	3	1	11	18	26	16	7	9	5	216	
Patents By Year of Application:	108	7	6	5	3	13	17	19	11	11	7	5	4	0	0	216	
BOEHRINGER INGELHEIM, GMBH																	
Patents By Year of Grant:	175	4	5	9	3	2	3	6	3	2	1	1	1	0	0	215	
Patents By Year of Application:	183	7	4	3	4	8	1	2	0	2	1	0	0	0	0	215	
RICHARDSON-VICKS INC.																	
Patents By Year of Grant:	161	9	3	2	2	3	5	12	15	3	0	0	0	0	0	215	
Patents By Year of Application:	172	3	1	6	3	13	5	11	1	0	0	0	0	0	0	215	
FINA TECHNOLOGY, INC.																	
Patents By Year of Grant:	9	4	6	10	9	10	7	5	15	15	19	25	34	19	27	214	
Patents By Year of Application:	18	14	17	11	6	16	11	16	15	28	24	17	14	7	0	214	
KUREHA KAGAKU KOGYO K.K.																	
Patents By Year of Grant:	5	1	19	27	24	23	27	22	17	4	9	8	10	11	6	213	
Patents By Year of Application:	23	24	23	25	26	27	14	13	4	14	12	7	1	0	0	213	
YOKOHAMA RUBBER CO., LTD.																	
Patents By Year of Grant:	48	14	7	15	12	6	3	5	6	10	19	15	17	22	14	213	
Patents By Year of Application:	68	11	12	12	4	5	7	11	21	18	19	13	9	3	0	213	
ALPS ELECTRIC CO., LTD.																	
Patents By Year of Grant:	55	5	11	5	1	5	4	4	14	19	20	29	14	16	10	212	
Patents By Year of Application:	69	4	3	5	6	8	13	17	34	17	18	11	5	2	0	212	

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
PERKIN-ELMER CORPORATION																
Patents By Year of Grant:	71	7	6	1	3	3	10	11	24	27	28	17	4	0	0	212
Patents By Year of Application:	84	4	0	5	13	20	19	25	21	16	4	1	0	0	0	212
RUTGERS UNIVERSITY																
Patents By Year of Grant:	12	8	5	11	9	12	14	12	15	24	18	16	25	14	17	212
Patents By Year of Application:	32	5	15	10	14	18	12	19	16	25	21	17	6	2	0	212
TORAY SILICONE COMPANY, LTD.																
Patents By Year of Grant:	187	21	3	1	0	0	0	0	0	0	0	0	0	0	0	212
Patents By Year of Application:	212	0	0	0	0	0	0	0	0	0	0	0	0	0	0	212
UNIVERSITY OF ILLINOIS																
Patents By Year of Grant:	26	3	7	8	10	9	8	6	10	17	14	20	18	25	31	212
Patents By Year of Application:	41	6	9	7	9	19	5	13	15	28	32	16	11	1	0	212
UNIVERSITY OF WASHINGTON																
Patents By Year of Grant:	19	5	5	5	4	6	8	13	25	24	34	17	19	15	13	212
Patents By Year of Application:	30	4	9	10	13	34	20	22	20	26	12	10	2	0	0	212
CARL FREUDENBERG																
Patents By Year of Grant:	102	3	6	3	4	5	8	7	7	9	12	17	13	9	6	211
Patents By Year of Application:	111	2	4	7	3	11	10	7	15	18	12	10	1	0	0	211
MYCOGEN CORPORATION																
Patents By Year of Grant:	20	10	14	24	21	10	8	23	12	15	18	9	4	14	9	211
Patents By Year of Application:	47	17	20	19	17	27	10	14	15	9	9	6	1	0	0	211
SNAM PROGETTI S.P.A.																
Patents By Year of Grant:	167	3	4	4	3	3	2	2	5	4	5	3	4	1	1	211
Patents By Year of Application:	171	4	5	3	4	4	4	2	7	1	5	1	0	0	0	211
BASF LACKE & FARBEN AG																
Patents By Year of Grant:	25	14	12	20	34	22	21	18	30	8	3	2	1	0	0	210
Patents By Year of Application:	57	16	24	25	32	24	22	7	1	2	0	0	0	0	0	210
UNIVERSITY OF SOUTHERN CALIFORNIA																
Patents By Year of Grant:	43	4	14	11	6	1	8	15	9	12	13	18	22	16	18	210
Patents By Year of Application:	58	12	6	6	10	18	11	12	13	25	21	12	5	1	0	210
ISHIHARA SANGYO KAISHA LTD.																
Patents By Year of Grant:	99	11	10	5	8	12	14	4	10	3	2	6	6	11	8	209
Patents By Year of Application:	119	5	8	10	12	11	8	3	4	5	4	6	13	1	0	209

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
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UNITED KINGDOM ATOMIC ENERGY AUTHORITY

Patents By Year of Grant:	180	10	1	7	4	2	5	0	0	0	0	0	0	0	0	209
Patents By Year of Application:	190	8	2	4	1	4	0	0	0	0	0	0	0	0	0	209

MILLIPORE CORPORATION

Patents By Year of Grant:	62	11	23	19	16	5	4	6	8	11	8	7	9	7	12	208
Patents By Year of Application:	88	21	19	9	5	3	16	9	7	7	7	9	8	0	0	208

WINBOND ELECTRONICS CORP.

Patents By Year of Grant:	0	0	0	0	1	5	5	10	18	35	26	40	32	16	20	208
Patents By Year of Application:	0	0	0	1	6	11	20	32	39	28	29	19	18	5	0	208

DU PONT MERCK PHARMACEUTICAL COMPANY

Patents By Year of Grant:	0	18	29	30	29	25	28	25	18	4	0	0	1	0	0	207
Patents By Year of Application:	51	19	38	26	31	20	18	3	0	0	1	0	0	0	0	207

KYOCERA CORPORATION

Patents By Year of Grant:	52	4	10	10	9	5	11	12	9	15	11	12	14	21	11	206
Patents By Year of Application:	64	11	6	9	9	12	9	19	16	10	11	21	9	0	0	206

GIST-BROCADES N.V.

Patents By Year of Grant:	97	11	12	12	15	12	8	11	16	8	2	1	0	0	0	205
Patents By Year of Application:	127	14	12	11	18	15	4	4	0	0	0	0	0	0	0	205

SEAGATE TECHNOLOGY, LLC

Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	8	36	34	59	68	205
Patents By Year of Application:	0	0	0	0	1	0	0	1	27	30	38	68	34	6	0	205

UNIVERSITY OF UTAH RESEARCH FOUNDATION

Patents By Year of Grant:	7	0	1	5	7	8	17	15	25	23	15	30	21	11	20	205
Patents By Year of Application:	12	5	6	11	18	24	17	21	25	27	21	13	5	0	0	205

AGENCE NATIONALE DE VALORISATION DE LA RECHERCHE (ANVAR)

Patents By Year of Grant:	203	1	0	0	0	0	0	0	0	0	0	0	0	0	0	204
Patents By Year of Application:	204	0	0	0	0	0	0	0	0	0	0	0	0	0	0	204

AGILENT TECHNOLOGIES, INC.

Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	19	52	42	39	52	204
Patents By Year of Application:	0	0	1	0	1	0	2	3	28	60	46	41	13	8	1	204

SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A.

Patents By Year of Grant:	51	7	6	10	3	7	19	9	10	11	14	13	21	9	14	204
Patents By Year of Application:	63	6	7	15	10	14	10	12	6	15	16	16	12	2	0	204

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2004) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	TOTAL
UNIVERSITY OF BRITISH COLUMBIA																
Patents By Year of Grant:	12	4	8	6	7	7	14	20	25	26	13	22	13	10	17	204
Patents By Year of Application:	23	6	10	8	25	23	27	18	18	16	12	13	4	1	0	204
DEGUSSA-HUELS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	15	55	80	41	7	5	203
Patents By Year of Application:	0	0	0	0	1	0	3	21	34	98	38	7	0	1	0	203
JSR CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	4	17	26	27	39	41	49	203
Patents By Year of Application:	0	0	0	0	0	1	0	21	35	23	41	44	29	9	0	203
UNION CAMP CORPORATION																
Patents By Year of Grant:	118	18	22	9	8	9	1	4	5	4	3	2	0	0	0	203
Patents By Year of Application:	152	15	5	6	7	4	6	3	4	1	0	0	0	0	0	203
LOCTITE CORPORATION																
Patents By Year of Grant:	87	13	7	8	10	9	10	9	5	5	5	9	15	8	2	202
Patents By Year of Application:	109	6	6	10	11	11	5	6	7	11	9	10	1	0	0	202
MITSUI MINING + SMELTING CO., LTD.																
Patents By Year of Grant:	43	5	7	4	1	4	10	6	11	20	14	11	17	29	20	202
Patents By Year of Application:	50	8	3	6	2	9	14	14	21	11	17	32	13	2	0	202
TOYO INK MANUFACTURING CO., LTD.																
Patents By Year of Grant:	52	8	3	11	13	7	14	19	18	19	11	13	4	5	4	201
Patents By Year of Application:	61	11	8	11	16	19	14	24	13	10	4	7	2	1	0	201
BETZDEARBORN INC.																
Patents By Year of Grant:	0	0	0	0	0	0	4	56	46	40	30	15	7	2	0	200
Patents By Year of Application:	0	0	0	1	7	33	48	49	37	17	6	2	0	0	0	200
DOW GLOBAL TECHNOLOGIES INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	37	84	79	200
Patents By Year of Application:	0	0	0	0	0	0	2	3	5	11	38	75	46	17	3	200
KODAK POLYCHROME GRAPHICS, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	6	24	22	29	40	45	34	200
Patents By Year of Application:	0	0	0	0	0	1	10	22	18	39	49	32	25	4	0	200
Other Organizations (55185)																
Patents By Year of Grant:	96396	9425	10018	10316	10157	10670	11444	13368	16803	17958	17717	19539	20079	19779	18157	301826
Patents By Year of Application:	115124	9633	10704	11668	13929	18832	15300	18288	18044	19981	20106	17707	10302	2145	63	301826