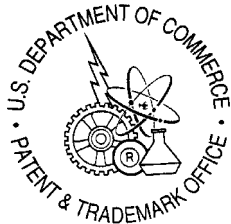


TAF SPECIAL REPORT
ALL PATENTS, ALL TYPES
JANUARY 1977 -- DECEMBER 1998



March 1999
U.S. PATENT AND TRADEMARK OFFICE
OFFICE FOR PATENT AND TRADEMARK INFORMATION / TAF PROGRAM
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A TECHNOLOGY ASSESSMENT AND FORECAST REPORT

TAF Special Report
All Patents, All Types
1/1977 - 12/1998
Explanation of Data

This Technology Assessment and Forecast (TAF) report profiles patent activity for all U.S. patents (design, plant, reissue, and utility patents, defensive publications, and statutory invention registrations) granted between January 1, 1977 and **December 31, 1998**. The source of the data used for this report is the TAF database maintained by the Office for Patent and Trademark Information.

Data Distribution By Date of Grant and By Date of Application

Parts A1 and A2

Part A1 distributes patent GRANT data by year of patent grant ("Patents Granted By Date of Patent Grant"). Part A2 distributes 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 in the "Pre 1985" column corresponds to the period January 1, 1977 through December 31, 1984.

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 40% 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 the most recent years are incomplete.* This is because a significant number of the applications filed in the most recent years, which will ultimately become patents, were still pending in **December 1998**. 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.

Parts of the Report

Parts A1 and A2 present tables which show, by number and percent, the patent activity. 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.

Information on **patent ownership** reflects ownership at the time of patent grant and does not include subsequent changes in ownership. If more than one assignee was declared at the time of grant, the patent is attributed to the first-named assignee. The U.S. and Foreign 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 Foreign Government patents.

Part B is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) which have received 1000 or more U.S. patents since 1977. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by year in which the patented application was 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.

* As of **December 31, 1998**, UTILITY patent application data (most issued patent documents are utility patents) were approximately 98% complete for patent applications filed in 1995, 84% complete for applications filed in 1996, and 27% complete for applications filed in 1997. They are essentially complete for applications filed prior to 1995.

Part A1

Patent Grants as Distributed By Year of Patent Grant

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 1998) ----

	NUMBER OF PATENTS															Total
	Pre 1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	
Total	528325	77273	77041	89598	84439	102690	99219	106842	107511	109890	113704	113955	121806	124146	163208	2019647
U.S. Origin	323293	43394	42177	47916	44728	54760	52976	57790	58791	61221	64345	64510	69419	69922	90704	1145946
Foreign Origin	205032	33879	34864	41682	39711	47930	46243	49052	48720	48669	49359	49445	52387	54224	72504	873701
JAPAN	64837	13351	13864	17294	16989	21106	20743	22402	23164	23411	23517	22871	24059	24191	32119	363918
GERMANY	46340	6906	7045	8093	7547	8614	7862	7984	7605	7186	6989	6874	7125	7292	9581	153043
FRANCE	16852	2516	2510	2990	2792	3299	3093	3249	3282	3155	2985	3010	3016	3202	3991	59942
UNITED KINGDOM	19499	2620	2638	2965	2754	3277	3017	3049	2632	2521	2469	2681	2674	2904	3726	59426
CANADA	9650	1451	1451	1770	1643	2124	2087	2303	2218	2231	2380	2447	2639	2817	3537	40748
SWITZERLAND	9873	1274	1257	1441	1299	1420	1347	1448	1294	1198	1244	1187	1192	1179	1373	28026
ITALY	6313	1013	1102	1285	1173	1425	1498	1388	1446	1453	1361	1242	1385	1417	1819	25320
TAIWAN	571	199	269	411	536	688	861	1096	1253	1510	1814	2087	2419	2597	3805	20116
SWEDEN	6573	954	1022	1089	891	926	885	831	727	742	800	914	971	970	1346	19641
NETHERLANDS	5370	834	809	998	899	1162	1046	1075	974	944	998	894	886	895	1382	19166
SOUTH KOREA	131	50	55	105	126	183	290	449	586	830	1008	1240	1567	1965	3362	11947
AUSTRALIA	2493	413	452	459	486	586	517	571	497	470	564	548	566	568	830	10020
BELGIUM	2003	253	266	323	328	377	352	366	371	377	392	419	516	561	755	7659
AUSTRIA	2113	328	378	373	351	412	423	388	403	340	316	359	387	393	408	7372
ISRAEL	920	185	197	257	249	339	311	321	350	358	388	432	525	577	820	6229
FINLAND	1075	223	226	293	239	251	315	343	381	311	341	387	453	468	629	5935
DENMARK	1227	224	212	246	208	261	204	285	275	261	313	314	334	432	499	5295
U.S.S.R.	2663	149	117	121	97	162	177	182	67	67	57	12	16	4	6	3897
HONG KONG, S.A.R. -PEOP	400	66	111	91	104	134	151	209	159	182	220	248	247	261	372	2955
SPAIN	587	85	100	124	132	148	148	185	149	184	172	168	187	193	308	2870
NORWAY	735	106	89	163	137	141	119	119	121	127	130	138	150	157	232	2664
SOUTH AFRICA	639	97	91	113	107	143	122	111	101	101	109	127	116	114	132	2223
HUNGARY	727	108	131	128	94	130	93	86	89	62	48	51	43	25	52	1867
NEW ZEALAND	390	50	64	80	70	75	65	50	60	51	54	60	78	109	145	1401
IRELAND	168	31	32	40	47	71	61	61	61	59	52	59	88	78	81	989
MEXICO	322	35	37	54	45	41	34	42	45	50	52	45	46	57	77	982
BRAZIL	188	30	27	35	37	39	45	66	43	59	61	70	69	67	88	924
CZECHOSLOVAKIA	453	54	35	47	33	34	39	27	18	15	20	15	9	10	9	818
LUXEMBOURG	187	41	36	25	38	39	27	42	36	41	44	34	27	42	46	705
CHINA P.REP.	13	1	11	23	48	52	48	52	41	53	48	63	48	66	89	656
SINGAPORE	26	10	4	12	8	22	16	25	35	44	59	61	97	100	136	655
RUSSIAN FEDERATION										3	38	99	118	112	194	564
ARGENTINA	176	12	18	18	18	23	19	19	23	25	37	32	32	38	46	536
INDIA	82	11	18	12	14	15	23	24	24	30	28	38	37	48	94	498
VENEZUELA	67	15	23	25	20	23	20	25	24	34	28	31	30	26	29	420
POLAND	222	11	14	13	8	14	17	8	5	8	9	8	16	11	19	383
Others (113)	1147	173	153	166	144	174	168	171	161	176	214	180	219	278	367	3891
Ownership:																
U.S. Corporations	239892	33524	31918	36296	33913	41402	39267	42887	44043	46094	48750	49049	53541	55305	72368	868249
U.S. Government	9393	1141	1145	1143	848	978	1064	1272	1225	1233	1310	1083	960	973	1030	24798
U.S. Individuals	87215	10886	11159	12701	11895	14958	15091	16234	15650	16100	16527	16813	17415	16285	20765	299694
Foreign Corporations	159239	27221	28050	34016	32681	39395	37995	40324	40930	41078	41540	41353	44190	45641	61425	715078
Foreign Government	2318	484	480	556	454	448	427	473	474	442	300	250	260	278	258	7902
Foreign Individuals	30268	4017	4289	4886	4648	5509	5375	5652	5189	4943	5277	5407	5440	5664	7362	103926

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 1998) ----

	PERCENT OF PATENTS															
	Pre 1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	61	56	55	53	53	53	53	54	55	56	57	57	57	56	56	57
Foreign Origin	39	44	45	47	47	47	47	46	45	44	43	43	43	44	44	43
JAPAN	12	17	18	19	20	21	21	21	22	21	21	20	20	19	20	18
GERMANY	9	9	9	9	9	8	8	7	7	7	6	6	6	6	6	8
FRANCE	3	3	3	3	3	3	3	3	3	3	3	3	2	3	2	3
UNITED KINGDOM	4	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3
CANADA	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SWITZERLAND	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
ITALY	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
TAIWAN					1	1	1	1	1	1	2	2	2	2	2	1
SWEDEN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NETHERLANDS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SOUTH KOREA									1	1	1	1	1	2	2	1
AUSTRALIA		1	1	1	1	1	1	1							1	0
BELGIUM																0
AUSTRIA																0
ISRAEL															1	0
FINLAND																0
DENMARK																0
U.S.S.R.	1															0
HONG KONG,S.A.R.-PEOP																0
SPAIN																0
NORWAY																0
SOUTH AFRICA																0
HUNGARY																0
NEW ZEALAND																0
IRELAND																0
MEXICO																0
BRAZIL																0
CZECHOSLOVAKIA																0
LUXEMBOURG																0
CHINA P.REP.																0
SINGAPORE																0
RUSSIAN FEDERATION																0
ARGENTINA																0
INDIA																0
VENEZUELA																0
POLAND																0
Others (113)																0
Ownership:																
U.S. Corporations	45	43	41	41	40	40	40	40	41	42	43	43	44	45	44	43
U.S. Government	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
U.S. Individuals	17	14	14	14	14	15	15	15	15	15	15	15	14	13	13	15
Foreign Corporations	30	35	36	38	39	38	38	38	38	37	37	36	36	37	38	35
Foreign Government		1	1	1	1											0
Foreign Individuals	6	5	6	5	6	5	5	5	5	4	5	5	4	5	5	5

Part A2

Patent Grants as Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 1998) ----

	NUMBER OF PATENTED APPLICATIONS															Total
	Pre 1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	
Total	687722	78612	82174	89275	98330	104525	108491	109192	112326	115938	130301	142028	114316	45349	1068	2019647
U.S. Origin	411381	42430	43547	47410	52274	55486	59553	60307	63170	66278	73525	81357	62861	25646	721	1145946
Foreign Origin	276341	36182	38627	41865	46056	49039	48938	48885	49156	49660	56776	60671	51455	19703	347	873701
JAPAN	93067	15205	16288	17993	20913	22926	23083	23730	23691	22911	26251	27231	22278	8254	97	363918
GERMANY	60203	7119	7390	7629	7876	8025	7778	7150	7177	7024	7708	8320	6979	2640	25	153043
FRANCE	22265	2517	2733	2900	3153	3156	3245	3168	3090	3085	3280	3608	2756	972	14	59942
UNITED KINGDOM	25275	2589	2645	2941	2937	2999	2805	2506	2449	2647	3029	3251	2475	868	10	59426
CANADA	12592	1480	1563	1871	2096	2245	2167	2286	2281	2569	2795	3181	2558	1030	34	40748
SWITZERLAND	12478	1229	1297	1269	1399	1445	1262	1232	1204	1218	1302	1323	973	389	6	28026
ITALY	8488	1073	1210	1359	1444	1386	1415	1363	1390	1311	1449	1571	1313	539	9	25320
TAIWAN	1000	326	459	605	693	890	1128	1362	1543	1903	2329	2740	3126	1919	93	20116
SWEDEN	8689	923	873	839	818	837	759	782	791	928	1076	1089	880	354	3	19641
NETHERLANDS	7129	849	873	941	1050	1097	1035	948	948	968	1013	1031	942	337	5	19166
SOUTH KOREA	247	98	109	187	258	446	559	836	959	1085	1669	2084	2643	752	15	11947
AUSTRALIA	3435	426	508	534	533	505	515	497	523	565	607	644	567	159	2	10020
BELGIUM	2539	281	343	328	341	372	387	361	370	419	513	650	548	200	7	7659
AUSTRIA	2802	339	351	361	403	391	425	357	328	352	409	439	311	104		7372
ISRAEL	1376	201	245	302	300	335	337	373	371	443	634	636	517	155	4	6229
FINLAND	1552	229	221	282	281	319	367	363	351	377	485	505	472	131		5935
DENMARK	1677	210	225	230	248	238	303	255	237	312	377	505	326	147	5	5295
U.S.S.R.	2926	96	110	140	151	160	138	82	52	20	10	9	2	1		3897
HONG KONG, S.A.R. -PEOP	604	95	128	122	124	179	165	159	204	210	236	253	306	160	10	2955
SPAIN	788	98	134	133	147	167	166	160	181	167	216	217	204	91	1	2870
NORWAY	959	118	142	128	129	105	124	128	134	149	151	180	152	65		2664
SOUTH AFRICA	843	93	101	136	98	132	104	92	101	148	139	107	99	29	1	2223
HUNGARY	994	111	102	102	98	89	86	68	46	46	43	47	24	11		1867
NEW ZEALAND	523	62	74	71	50	63	56	52	54	57	105	99	98	37		1401
IRELAND	235	37	48	58	66	59	58	60	52	63	103	73	59	18		989
MEXICO	394	41	48	34	43	45	38	51	56	41	54	48	61	27	1	982
BRAZIL	246	32	38	38	32	67	43	59	59	62	94	64	67	23		924
CZECHOSLOVAKIA	541	40	39	26	40	33	17	15	20	21	11	8	5	2		818
LUXEMBOURG	263	31	36	33	29	32	38	36	42	29	41	31	34	30		705
CHINA P.REP.	25	13	53	43	53	45	43	53	50	74	51	62	67	23	1	656
SINGAPORE	40	12	11	14	24	23	24	37	67	63	99	96	103	42		655
RUSSIAN FEDERATION								2	27	97	124	137	135	42		564
ARGENTINA	204	16	22	25	15	12	30	27	24	42	39	36	38	6		536
INDIA	107	15	18	10	21	27	26	23	35	37	42	50	62	24	1	498
VENEZUELA	101	18	26	25	15	20	30	31	37	30	28	25	24	10		420
POLAND	255	5	9	9	17	8	8	9	6	13	16	8	15	5		383
Others (113)	1479	155	155	147	161	161	174	172	206	174	248	313	236	107	3	3891
Ownership:																
U.S. Corporations	307443	32345	33002	35661	39167	41809	44313	45418	48555	50784	56739	64643	49151	18764	455	868249
U.S. Government	12075	986	894	781	974	1100	1260	1233	1256	1234	1029	1024	706	241	5	24798
U.S. Individuals	109395	11046	11668	13052	14533	15050	16335	15807	15557	16721	18497	18638	15497	7621	277	299694
Foreign Corporations	216531	29690	31657	34227	38150	40781	40854	41288	41706	41565	47779	51441	43164	16015	230	715078
Foreign Government	3374	440	455	435	389	456	476	433	345	264	284	287	212	52		7902
Foreign Individuals	38904	4105	4498	5119	5117	5329	5253	5013	4907	5370	5973	5995	5586	2656	101	103926

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 1998) ----

	PERCENT OF PATENTED APPLICATIONS															
	Pre 1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	60	54	53	53	53	53	55	55	56	57	56	57	55	57	68	57
Foreign Origin	40	46	47	47	47	47	45	45	44	43	44	43	45	43	32	43
JAPAN	14	19	20	20	21	22	21	22	21	20	20	19	19	18	9	18
GERMANY	9	9	9	9	8	8	7	7	6	6	6	6	6	6	2	8
FRANCE	3	3	3	3	3	3	3	3	3	3	3	3	2	2	1	3
UNITED KINGDOM	4	3	3	3	3	3	3	2	2	2	2	2	2	2	1	3
CANADA	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
SWITZERLAND	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
ITALY	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
TAIWAN			1	1	1	1	1	1	1	2	2	2	3	4	9	1
SWEDEN	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1
NETHERLANDS	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1
SOUTH KOREA							1	1	1	1	1	1	2	2	1	1
AUSTRALIA		1	1	1	1											0
BELGIUM															1	0
AUSTRIA																0
ISRAEL																0
FINLAND																0
DENMARK																0
U.S.S.R.																0
HONG KONG,S.A.R.-PEOP															1	0
SPAIN																0
NORWAY																0
SOUTH AFRICA																0
HUNGARY																0
NEW ZEALAND																0
IRELAND																0
MEXICO																0
BRAZIL																0
CZECHOSLOVAKIA																0
LUXEMBOURG																0
CHINA P.REP.																0
SINGAPORE																0
RUSSIAN FEDERATION																0
ARGENTINA																0
INDIA																0
VENEZUELA																0
POLAND																0
Others (113)																0
Ownership:																
U.S. Corporations	45	41	40	40	40	40	41	42	43	44	44	46	43	41	43	43
U.S. Government	2	1	1	1	1	1	1	1	1	1	1	1	1	1		1
U.S. Individuals	16	14	14	15	15	14	15	14	14	14	14	13	14	17	26	15
Foreign Corporations	31	38	39	38	39	39	38	38	37	36	37	36	38	35	22	35
Foreign Government		1	1													0
Foreign Individuals	6	5	5	6	5	5	5	5	4	5	5	4	5	6	9	5

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, 1998) ---- Ranked List of Organizations with 1000 or More Patents ----

	Pre															
	1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	3818	592	631	633	575	653	644	714	874	1139	1356	1468	1928	1781	2685	19491
Patents By Year of Application:	5190	536	583	571	658	742	929	1253	1517	1245	1808	2313	1707	435	4	19491
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	6252	790	726	784	708	835	810	840	952	943	977	765	824	669	738	17613
Patents By Year of Application:	7774	706	694	722	801	845	906	895	953	863	866	808	591	189	0	17613
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	2049	439	553	886	776	999	923	916	1191	1109	1161	1169	1626	1466	2011	17274
Patents By Year of Application:	3206	713	847	736	877	1025	1061	1215	1287	1320	1752	1842	950	442	1	17274
HITACHI, LTD																
Patents By Year of Grant:	3474	708	751	878	926	1075	935	952	969	950	989	924	970	914	1110	16525
Patents By Year of Application:	5187	751	844	953	1063	1096	1034	1029	924	902	955	994	621	171	1	16525
TOSHIBA CORPORATION																
Patents By Year of Grant:	2185	719	720	845	783	997	957	1079	1088	1072	1002	1009	957	889	1237	15539
Patents By Year of Application:	3756	692	714	852	1031	1068	1102	1204	968	904	1088	1032	837	288	3	15539
mitsubishi denki kabushiki kaisha																
Patents By Year of Grant:	903	368	372	522	558	794	899	952	979	946	986	975	939	901	1092	12186
Patents By Year of Application:	1687	400	499	651	912	975	987	1096	980	924	960	1044	780	286	5	12186
MOTOROLA, INC.																
Patents By Year of Grant:	1536	278	350	429	364	416	420	637	691	791	960	1108	1163	1186	1542	11871
Patents By Year of Application:	2177	299	400	360	380	606	713	838	911	1054	1265	1398	1104	356	10	11871
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	2027	227	238	305	441	595	736	879	790	1011	900	784	796	802	1145	11676
Patents By Year of Application:	2387	304	353	477	707	843	921	931	1033	770	771	758	1014	404	3	11676
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	3005	491	537	713	596	769	666	693	554	462	429	527	501	499	760	11202
Patents By Year of Application:	4144	561	624	584	689	700	610	507	459	451	578	612	511	170	2	11202
NEC CORPORATION																
Patents By Year of Grant:	769	172	238	383	360	493	447	441	465	611	918	1009	1054	1105	1639	10104
Patents By Year of Application:	1308	311	321	377	467	479	436	620	900	780	1330	1162	1197	411	5	10104
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	1656	273	240	337	299	398	361	485	627	762	800	921	887	784	1090	9920
Patents By Year of Application:	2241	284	307	317	360	471	612	776	814	890	952	910	728	250	8	9920

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	Pre															
	1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	3210	422	412	542	566	665	511	479	402	374	381	429	418	455	627	9893
Patents By Year of Application:	4087	457	533	531	549	465	463	380	410	405	453	491	472	195	2	9893
FUJII PHOTO FILM CO., LTD																
Patents By Year of Grant:	1531	380	453	495	590	902	784	761	671	660	571	523	524	481	560	9886
Patents By Year of Application:	2330	533	588	715	815	769	687	672	587	518	528	518	479	147	0	9886
AT&T CORP.																
Patents By Year of Grant:	3393	596	482	428	401	407	450	504	457	470	615	654	523	49	150	9579
Patents By Year of Application:	4534	398	375	341	347	521	520	475	589	702	484	186	83	24	0	9579
SONY CORPORATION																
Patents By Year of Grant:	1263	255	238	352	319	341	279	354	463	637	747	805	936	942	1445	9376
Patents By Year of Application:	1844	300	294	283	333	356	423	627	783	745	928	1108	966	383	3	9376
BAYER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	3260	360	390	371	444	472	501	493	475	443	345	328	323	357	382	8944
Patents By Year of Application:	3958	422	409	387	449	520	483	393	414	348	328	367	333	132	1	8944
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	2669	344	337	423	379	446	485	607	609	573	492	445	397	313	399	8918
Patents By Year of Application:	3280	388	400	409	447	581	645	555	508	447	415	413	297	132	1	8918
XEROX CORPORATION																
Patents By Year of Grant:	2156	277	226	229	283	285	255	354	474	564	615	554	706	610	776	8364
Patents By Year of Application:	2679	227	203	254	267	337	485	563	582	637	668	666	529	258	9	8364
FUJITSU LIMITED																
Patents By Year of Grant:	672	187	208	243	246	287	265	368	418	454	595	732	872	908	1232	7687
Patents By Year of Application:	1148	185	197	248	267	359	446	543	595	668	976	1050	726	278	1	7687
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	3057	373	399	654	434	454	438	356	370	306	262	196	136	74	82	7591
Patents By Year of Application:	3975	454	394	394	446	406	403	317	233	211	203	88	50	17	0	7591
MINNESOTA MINING AND MANUFACTURING COMPANY																
Patents By Year of Grant:	1394	237	237	268	288	391	335	376	411	435	540	598	573	591	592	7266
Patents By Year of Application:	1846	271	277	328	373	331	424	423	477	548	670	699	448	150	1	7266
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	2206	293	300	390	385	418	383	441	402	441	334	282	298	277	306	7156
Patents By Year of Application:	2691	290	377	346	399	408	399	456	442	340	324	307	280	97	0	7156

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 1998)										---- Ranked List of Organizations with 1000 or More Patents ----				
	Pre															
	1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	2765	248	233	206	126	145	276	396	314	360	395	347	294	299	345	6749
Patents By Year of Application:	3579	200	118	108	172	214	366	325	358	348	296	315	249	99	2	6749
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	2231	342	374	473	428	433	401	333	323	330	270	230	197	165	174	6704
Patents By Year of Application:	2840	509	454	364	401	388	316	290	274	264	223	211	132	37	1	6704
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	1183	197	178	277	195	400	288	376	400	370	481	529	603	607	611	6695
Patents By Year of Application:	1712	190	195	261	361	354	401	401	422	510	667	738	364	118	1	6695
CIBA-GEIGY CORPORATION																
Patents By Year of Grant:	2425	307	244	287	281	346	410	417	319	332	302	277	273	239	17	6476
Patents By Year of Application:	2951	276	294	324	387	360	351	317	290	295	311	278	41	1	0	6476
BASF AKTIENGESELLSCHAFT																
Patents By Year of Grant:	1859	266	252	263	299	355	397	385	398	360	320	304	319	276	399	6452
Patents By Year of Application:	2349	270	250	330	391	389	385	345	314	324	322	361	263	156	3	6452
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	786	171	228	313	306	409	501	469	451	424	494	435	378	422	584	6371
Patents By Year of Application:	1269	299	322	357	446	451	442	468	483	435	418	484	377	119	1	6371
HOECHST AKTIENGESELLSCHAFT																
Patents By Year of Grant:	2005	238	231	234	227	260	282	282	331	356	335	313	353	353	328	6128
Patents By Year of Application:	2452	249	237	233	298	299	283	295	367	328	365	463	178	79	2	6128
ROBERT BOSCH GMBH																
Patents By Year of Grant:	1809	321	243	262	224	201	204	261	278	363	317	312	307	267	351	5720
Patents By Year of Application:	2357	243	209	187	165	249	285	332	373	299	336	294	288	103	0	5720
MOBIL OIL CORP.																
Patents By Year of Grant:	1838	361	347	296	254	380	358	368	301	292	295	204	167	91	67	5619
Patents By Year of Application:	2474	312	233	338	350	364	309	333	287	236	204	129	37	13	0	5619
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	1971	332	286	316	244	276	377	334	343	216	141	120	103	139	164	5362
Patents By Year of Application:	2644	259	260	213	327	350	319	286	161	110	119	149	128	37	0	5362
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	747	332	300	408	394	379	403	259	209	260	247	254	302	353	416	5263
Patents By Year of Application:	1380	353	374	390	355	339	191	232	272	247	305	405	298	121	1	5263

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	Pre																
	1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL	
HEWLETT-PACKARD COMPANY																	
Patents By Year of Grant:	424	57	77	131	153	245	221	328	352	351	438	492	523	554	827	5173	
Patents By Year of Application:	586	81	158	219	224	339	337	403	420	453	551	612	611	177	2	5173	
RCA CORPORATION																	
Patents By Year of Grant:	3357	455	487	507	129	2	0	1	0	0	0	0	0	0	0	4938	
Patents By Year of Application:	4265	397	237	38	0	1	0	0	0	0	0	0	0	0	0	4938	
RICOH COMPANY, LTD.																	
Patents By Year of Grant:	870	154	220	223	195	285	305	328	374	294	312	282	300	348	411	4901	
Patents By Year of Application:	1259	202	196	192	317	348	391	313	324	312	337	341	284	84	1	4901	
TOYOTA JIDOSHA K.K.																	
Patents By Year of Grant:	1540	257	238	396	315	283	162	156	153	146	133	157	160	213	390	4699	
Patents By Year of Application:	2008	317	368	250	173	157	163	141	155	155	162	202	310	138	0	4699	
UNITED STATES OF AMERICA, ARMY																	
Patents By Year of Grant:	1868	205	256	254	152	200	170	201	168	184	203	191	155	170	166	4543	
Patents By Year of Application:	2350	176	193	144	156	197	171	172	214	204	184	184	145	51	2	4543	
ALLIED-SIGNAL INC.																	
Patents By Year of Grant:	1053	307	251	286	245	276	247	250	321	246	274	198	190	119	140	4403	
Patents By Year of Application:	1628	275	210	231	249	272	277	311	261	216	164	146	119	44	0	4403	
PHILLIPS PETROLEUM COMPANY																	
Patents By Year of Grant:	2194	292	224	207	153	142	132	158	171	195	149	101	91	76	75	4360	
Patents By Year of Application:	2689	241	147	116	126	128	182	170	170	114	92	114	52	19	0	4360	
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																	
Patents By Year of Grant:	1669	293	258	253	240	233	240	215	250	182	205	119	71	69	62	4359	
Patents By Year of Application:	2259	217	223	187	216	247	229	227	176	165	77	68	58	10	0	4359	
SHELL OIL COMPANY																	
Patents By Year of Grant:	1251	206	203	161	214	376	268	273	278	234	238	173	139	129	148	4291	
Patents By Year of Application:	1594	200	194	269	297	262	277	261	246	208	171	150	122	38	2	4291	
SAMSUNG ELECTRONICS CO., LTD.																	
Patents By Year of Grant:	1	1	1	7	8	30	63	148	255	358	418	439	495	590	1308	4122	
Patents By Year of Application:	3	8	5	22	54	182	240	385	409	410	492	626	1028	255	3	4122	
FORD MOTOR COMPANY																	
Patents By Year of Grant:	978	189	126	153	145	170	164	181	231	291	327	338	383	266	147	4089	
Patents By Year of Application:	1270	146	118	187	156	148	215	251	306	399	360	341	140	50	2	4089	

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	Pre															
	1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
HUGHES AIRCRAFT COMPANY																
Patents By Year of Grant:	754	89	98	183	216	299	252	350	296	329	412	326	273	130	50	4057
Patents By Year of Application:	1012	156	220	218	277	289	309	349	412	344	255	166	48	2	0	4057
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	1154	221	153	148	183	200	183	168	203	214	238	214	224	217	282	4002
Patents By Year of Application:	1549	129	139	174	188	179	209	236	229	274	254	232	143	65	2	4002
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	1252	170	194	207	190	234	152	165	238	207	203	215	160	123	117	3827
Patents By Year of Application:	1673	147	172	212	200	170	180	227	217	196	208	127	75	22	1	3827
PROCTER + GAMBLE COMPANY																
Patents By Year of Grant:	835	101	81	142	99	157	136	166	190	173	220	233	354	434	503	3824
Patents By Year of Application:	1036	115	117	145	129	148	169	171	188	252	340	443	400	167	4	3824
EXXON RESEARCH + ENGINEERING CO.																
Patents By Year of Grant:	1881	274	226	181	107	127	129	136	111	109	127	90	72	74	106	3750
Patents By Year of Application:	2363	193	116	119	96	125	129	119	105	109	85	95	58	38	0	3750
UNISYS CORPORATION																
Patents By Year of Grant:	2023	288	184	138	99	95	83	99	87	51	80	112	134	109	122	3704
Patents By Year of Application:	2538	124	70	101	90	106	69	63	72	113	127	132	75	24	0	3704
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	610	82	72	106	174	354	377	320	283	241	162	115	166	160	308	3530
Patents By Year of Application:	768	106	116	257	406	383	291	270	185	136	166	165	178	100	3	3530
IMPERIAL CHEMICAL INDUSTRIES PLC																
Patents By Year of Grant:	1412	132	114	112	164	159	182	183	192	233	131	94	68	61	63	3300
Patents By Year of Application:	1683	121	138	154	175	212	158	197	169	90	71	80	42	10	0	3300
MERCK + CO., INC.																
Patents By Year of Grant:	1126	107	103	124	125	174	134	152	164	223	165	126	127	163	179	3192
Patents By Year of Application:	1356	127	108	139	123	134	163	201	226	125	159	151	125	54	1	3192
ROCKWELL INTERNATIONAL CORPORATION																
Patents By Year of Grant:	1329	209	163	158	134	124	115	154	126	137	151	117	122	75	77	3191
Patents By Year of Application:	1742	128	128	111	118	150	128	147	139	132	110	113	36	9	0	3191
NIKON CORPORATION																
Patents By Year of Grant:	458	73	69	122	84	69	79	87	109	136	122	231	433	495	599	3166
Patents By Year of Application:	611	89	80	58	69	92	89	142	127	174	394	616	431	194	0	3166

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 1998) ---- Ranked List of Organizations with 1000 or More Patents ----

	Pre																
	1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL	
AMERICAN CYANAMID COMPANY																	
Patents By Year of Grant:	1438	132	95	114	104	116	144	107	133	136	149	106	108	108	114	3104	
Patents By Year of Application:	1714	98	112	118	102	87	136	125	134	145	109	152	40	31	1	3104	
HONEYWELL INC.																	
Patents By Year of Grant:	924	134	156	172	148	215	169	171	138	145	171	185	129	103	139	3099	
Patents By Year of Application:	1254	123	149	147	202	180	151	158	160	187	138	113	104	33	0	3099	
CATERPILLAR INC.																	
Patents By Year of Grant:	1563	77	46	57	47	61	53	81	63	117	109	149	209	213	197	3042	
Patents By Year of Application:	1672	53	56	45	47	55	90	92	120	136	204	225	197	50	0	3042	
UNITED STATES OF AMERICA, AIR FORCE																	
Patents By Year of Grant:	1098	143	187	204	136	157	114	149	145	139	138	86	104	94	84	2978	
Patents By Year of Application:	1445	175	162	131	133	114	154	134	130	111	95	98	75	20	1	2978	
KONICA CORPORATION																	
Patents By Year of Grant:	540	151	122	105	124	176	212	230	210	230	233	179	160	128	170	2970	
Patents By Year of Application:	787	118	111	155	183	198	265	224	201	188	191	156	139	54	0	2970	
BOEING COMPANY																	
Patents By Year of Grant:	839	127	138	169	168	215	193	197	184	106	80	98	99	114	157	2884	
Patents By Year of Application:	1195	150	139	170	206	202	158	129	86	91	67	183	90	18	0	2884	
NIPPONDENSO CO., LTD.																	
Patents By Year of Grant:	551	137	122	184	124	116	76	76	86	123	165	189	311	313	309	2882	
Patents By Year of Application:	797	173	125	113	82	82	75	107	162	210	264	375	294	23	0	2882	
MONSANTO CO.																	
Patents By Year of Grant:	1437	100	111	94	99	90	85	129	129	104	77	75	82	99	77	2788	
Patents By Year of Application:	1664	119	77	65	94	126	114	94	86	83	81	109	50	26	0	2788	
TEXACO INC.																	
Patents By Year of Grant:	1289	183	140	146	96	126	115	100	107	111	88	107	65	25	34	2732	
Patents By Year of Application:	1585	131	128	111	104	95	113	112	102	94	83	42	24	8	0	2732	
UNION CARBIDE CORPORATION																	
Patents By Year of Grant:	1752	251	210	160	145	132	43	8	0	0	0	0	0	0	0	2701	
Patents By Year of Application:	2174	185	139	107	64	32	0	0	0	0	0	0	0	0	0	2701	
EATON CORPORATION																	
Patents By Year of Grant:	698	152	127	123	104	141	143	115	141	135	149	166	182	145	165	2686	
Patents By Year of Application:	962	110	91	132	127	122	134	135	154	185	184	140	155	55	0	2686	

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	Pre	Ranked List of Organizations with 1000 or More Patents														
	1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
AMP INCORPORATED																
Patents By Year of Grant:	872	132	129	220	205	245	226	267	236	132	3	0	1	0	0	2668
Patents By Year of Application:	1114	167	202	180	201	249	229	213	112	0	1	0	0	0	0	2668
BRISTOL-MYERS SQUIBB COMPANY																
Patents By Year of Grant:	943	110	109	126	121	124	125	124	130	124	103	100	104	138	144	2625
Patents By Year of Application:	1162	129	112	121	108	120	147	116	120	129	113	123	86	37	2	2625
UOP																
Patents By Year of Grant:	1255	99	63	73	68	162	120	99	103	115	103	109	97	60	88	2614
Patents By Year of Application:	1397	67	81	127	137	94	99	98	124	95	127	82	61	25	0	2614
GOODYEAR TIRE + RUBBER COMPANY																
Patents By Year of Grant:	868	103	77	88	95	100	112	115	103	129	150	109	113	235	206	2603
Patents By Year of Application:	1044	94	83	94	107	107	121	107	132	96	132	152	191	139	4	2603
PPG INDUSTRIES INC.																
Patents By Year of Grant:	1314	128	126	119	118	112	100	94	70	84	61	53	52	74	97	2602
Patents By Year of Application:	1525	126	130	121	103	88	86	82	48	65	66	76	64	22	0	2602
SUMITOMO CHEMICAL COMPANY, LIMITED																
Patents By Year of Grant:	767	103	88	98	123	147	114	146	133	147	164	139	138	123	149	2579
Patents By Year of Application:	958	96	115	133	130	141	121	136	156	144	176	144	99	30	0	2579
INTEL CORPORATION																
Patents By Year of Grant:	120	16	15	24	33	49	45	57	73	125	206	271	423	405	708	2570
Patents By Year of Application:	148	22	25	52	49	50	75	111	209	308	433	517	444	127	0	2570
AMOCO CORPORATION																
Patents By Year of Grant:	873	85	90	110	167	200	193	158	187	147	88	58	67	56	67	2546
Patents By Year of Application:	1061	130	118	177	205	180	173	155	90	70	64	71	38	14	0	2546
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION																
Patents By Year of Grant:	777	144	93	122	93	127	128	151	151	166	160	122	104	97	95	2530
Patents By Year of Application:	1005	105	93	96	145	139	137	170	156	167	120	102	74	21	0	2530
ELI LILLY AND COMPANY																
Patents By Year of Grant:	804	107	86	88	68	75	74	66	63	79	79	148	245	223	182	2387
Patents By Year of Application:	1021	97	62	52	64	61	67	64	99	152	150	343	87	67	1	2387
SUMITOMO ELECTRIC INDUSTRIES CO., LTD.																
Patents By Year of Grant:	231	61	81	93	98	143	126	132	180	233	233	233	210	172	159	2385
Patents By Year of Application:	386	91	79	111	146	134	147	203	270	204	254	218	110	32	0	2385

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	Pre 1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
THOMSON-CSF																
Patents By Year of Grant:	920	174	121	131	129	104	114	138	107	90	84	90	52	52	66	2372
Patents By Year of Application:	1294	85	99	92	104	131	120	99	94	73	65	66	37	13	0	2372
PIONEER ELECTRONIC CORPORATION																
Patents By Year of Grant:	319	98	88	112	99	167	154	180	235	220	174	148	101	110	141	2346
Patents By Year of Application:	537	107	60	131	179	177	231	206	191	147	122	109	111	37	1	2346
DAIMLER-BENZ AKTIENGESELLSCHAFT																
Patents By Year of Grant:	573	81	82	93	101	136	109	110	104	125	96	108	144	172	279	2313
Patents By Year of Application:	728	71	101	102	116	118	106	110	113	108	156	180	196	107	1	2313
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	263	42	55	66	65	89	67	85	79	119	170	215	268	276	399	2258
Patents By Year of Application:	395	60	65	77	69	90	94	117	132	248	302	361	204	44	0	2258
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	343	57	46	32	44	59	107	155	178	227	217	156	182	165	277	2245
Patents By Year of Application:	454	22	30	52	90	155	198	218	218	160	201	178	172	97	0	2245
GTE PRODUCTS CORPORATION																
Patents By Year of Grant:	998	110	137	144	144	176	128	155	94	86	41	8	2	0	3	2226
Patents By Year of Application:	1214	138	146	127	167	138	114	107	66	7	2	0	0	0	0	2226
HOFFMANN-LA ROCHE INC.																
Patents By Year of Grant:	1042	74	84	89	59	96	78	78	73	88	89	104	106	79	72	2211
Patents By Year of Application:	1207	80	70	75	93	85	80	61	93	89	118	94	47	18	1	2211
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	93	47	37	66	81	161	181	263	217	167	156	123	137	157	217	2103
Patents By Year of Application:	179	51	74	145	159	193	273	183	175	130	167	158	163	53	0	2103
AISIN SEIKI KABUSHIKI KAISHA																
Patents By Year of Grant:	527	95	113	134	140	158	133	162	131	94	71	62	91	74	116	2101
Patents By Year of Application:	728	116	114	150	150	132	156	112	80	72	81	85	93	32	0	2101
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	300	816	948	2064
Patents By Year of Application:	0	0	0	0	0	0	1	6	8	54	395	845	592	162	1	2064
DIGITAL EQUIPMENT CORPORATION																
Patents By Year of Grant:	82	22	25	22	47	128	136	149	227	281	276	190	167	133	169	2054
Patents By Year of Application:	144	21	39	143	137	219	205	233	266	210	172	139	101	25	0	2054

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 1998) ---- Ranked List of Organizations with 1000 or More Patents ----

	Pre																TOTAL
	1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998		
CHEVRON RESEARCH & TECHNOLOGY CO.																	
Patents By Year of Grant:	997	149	161	134	92	76	59	77	85	74	64	24	5	5	0	2002	
Patents By Year of Application:	1308	116	109	79	44	62	101	65	71	36	8	2	1	0	0	2002	
SANYO ELECTRIC CO., LTD.																	
Patents By Year of Grant:	209	40	80	110	93	104	121	146	126	126	128	124	134	175	270	1986	
Patents By Year of Application:	329	109	82	86	121	139	143	119	108	146	164	169	203	68	0	1986	
UPJOHN COMPANY																	
Patents By Year of Grant:	1564	66	66	26	15	31	29	23	31	30	24	24	33	21	1	1984	
Patents By Year of Application:	1693	32	24	21	23	27	24	31	28	30	26	23	2	0	0	1984	
MAZDA MOTOR CORPORATION																	
Patents By Year of Grant:	223	69	86	143	158	141	142	204	204	180	135	109	59	62	66	1981	
Patents By Year of Application:	359	124	133	147	146	158	213	215	146	132	106	48	42	12	0	1981	
ABBOTT LABORATORIES																	
Patents By Year of Grant:	502	38	34	45	47	43	70	87	138	140	149	119	191	200	175	1978	
Patents By Year of Application:	589	35	47	55	62	101	96	140	136	139	158	265	117	38	0	1978	
ADVANCED MICRO DEVICES, INC.																	
Patents By Year of Grant:	34	32	53	92	82	87	83	83	71	85	86	129	179	271	557	1924	
Patents By Year of Application:	135	92	93	54	74	93	100	55	89	125	188	341	345	139	1	1924	
NORTHERN TELECOM LIMITED																	
Patents By Year of Grant:	474	106	101	134	118	111	87	82	73	75	90	83	106	68	209	1917	
Patents By Year of Application:	690	119	98	95	84	99	81	73	67	117	92	101	156	45	0	1917	
HOECHST CELANESE CORPORATION																	
Patents By Year of Grant:	507	67	66	71	109	134	190	128	134	114	93	78	72	75	69	1907	
Patents By Year of Application:	616	92	108	128	141	149	137	120	99	77	79	91	51	19	0	1907	
FMC CORPORATION																	
Patents By Year of Grant:	797	108	72	76	70	70	79	81	77	82	71	54	70	72	99	1878	
Patents By Year of Application:	969	70	79	66	69	81	73	95	58	73	71	72	68	32	2	1878	
POLAROID CORPORATION																	
Patents By Year of Grant:	957	114	85	92	70	90	56	40	39	42	40	56	62	63	64	1870	
Patents By Year of Application:	1172	75	65	76	69	41	33	52	30	45	75	64	56	17	0	1870	
CORNING INCORPORATED																	
Patents By Year of Grant:	772	86	50	54	76	59	83	60	82	102	108	74	88	78	72	1844	
Patents By Year of Application:	894	65	56	62	65	77	73	92	108	96	103	89	34	30	0	1844	

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	Pre															
	1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
FUJI XEROX CO., LTD.																
Patents By Year of Grant:	186	103	52	34	41	43	58	73	116	137	159	182	173	197	283	1837
Patents By Year of Application:	347	30	26	54	62	66	137	127	159	179	158	225	208	59	0	1837
NATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	305	36	35	41	34	60	59	95	103	119	149	186	202	188	178	1790
Patents By Year of Application:	380	32	27	51	58	85	110	110	155	155	216	243	115	53	0	1790
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	0	0	30	46	34	50	60	122	160	188	166	162	200	239	327	1784
Patents By Year of Application:	41	33	33	44	71	130	165	164	183	193	216	276	186	49	0	1784
PFIZER INC.																
Patents By Year of Grant:	642	72	73	67	63	79	84	91	81	67	77	76	83	102	120	1777
Patents By Year of Application:	776	62	69	57	83	92	97	67	83	79	114	97	59	42	0	1777
DEERE + COMPANY																
Patents By Year of Grant:	605	110	77	107	86	102	96	95	73	90	64	72	65	59	71	1772
Patents By Year of Application:	782	69	104	84	92	84	90	81	84	72	66	71	63	30	0	1772
WARNER-LAMBERT COMPANY																
Patents By Year of Grant:	396	77	108	122	114	120	114	125	103	86	85	85	69	91	67	1762
Patents By Year of Application:	553	128	128	117	113	101	119	83	73	87	96	104	35	25	0	1762
OLIN CORPORATION																
Patents By Year of Grant:	749	117	84	60	62	81	76	106	118	73	74	47	57	28	23	1755
Patents By Year of Application:	939	76	60	63	62	93	123	83	73	64	53	44	12	9	1	1755
ITT CORPORATION																
Patents By Year of Grant:	851	86	106	77	33	57	57	63	64	61	81	85	69	36	24	1750
Patents By Year of Application:	1067	62	23	46	45	62	67	71	70	90	75	57	13	2	0	1750
DOW CORNING CORPORATION																
Patents By Year of Grant:	327	55	71	58	82	105	124	136	144	93	132	107	108	89	108	1739
Patents By Year of Application:	414	64	84	83	112	146	140	113	107	121	118	102	95	40	0	1739
W. R. GRACE & CO.-CONN.																
Patents By Year of Grant:	516	46	45	49	63	111	107	122	132	123	116	87	86	74	56	1733
Patents By Year of Application:	602	48	59	98	120	118	114	135	102	111	69	110	33	14	0	1733
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	396	35	45	63	65	101	109	101	126	112	100	105	119	102	139	1718
Patents By Year of Application:	494	69	78	84	102	130	111	107	94	114	136	110	68	21	0	1718

Organizational Patenting	(Granted: Jan 01, 1977 - Dec 31, 1998)															Ranked List of Organizations with 1000 or More Patents
	Pre 1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
NCR CORPORATION																
Patents By Year of Grant:	439	60	63	110	80	126	95	103	89	101	95	54	39	83	176	1713
Patents By Year of Application:	573	88	82	105	106	117	103	115	93	61	33	94	107	36	0	1713
ATLANTIC RICHFIELD COMPANY																
Patents By Year of Grant:	633	140	111	142	78	74	66	62	59	67	70	61	38	29	34	1664
Patents By Year of Application:	875	100	110	58	65	74	66	61	67	71	45	42	24	6	0	1664
YAZAKI CORP.																
Patents By Year of Grant:	15	0	5	11	34	77	124	132	164	130	119	115	180	242	291	1639
Patents By Year of Application:	20	3	25	72	119	147	96	144	118	142	194	215	270	74	0	1639
VICTOR COMPANY OF JAPAN, LIMITED																
Patents By Year of Grant:	438	139	132	145	88	62	54	91	82	79	68	51	62	64	77	1632
Patents By Year of Application:	751	86	95	56	55	85	98	73	74	53	64	69	57	16	0	1632
TRW INC.																
Patents By Year of Grant:	522	59	69	77	56	74	52	40	50	82	104	96	98	101	144	1624
Patents By Year of Application:	661	59	57	61	63	46	43	84	111	87	79	123	114	35	1	1624
BRIDGESTONE CORPORATION																
Patents By Year of Grant:	356	63	65	73	87	101	89	96	97	126	109	95	85	85	94	1621
Patents By Year of Application:	487	68	68	100	111	89	100	114	119	73	85	109	81	17	0	1621
COLGATE-PALMOLIVE COMPANY																
Patents By Year of Grant:	524	55	48	57	55	94	71	82	67	84	80	84	84	95	141	1621
Patents By Year of Application:	626	53	71	62	85	83	80	93	57	74	92	82	108	52	3	1621
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	1	0	0	0	0	11	34	77	114	173	106	63	125	319	590	1613
Patents By Year of Application:	1	0	0	0	27	37	109	143	174	73	89	346	420	192	2	1613
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN(HENKEL KGAA)																
Patents By Year of Grant:	363	68	58	90	104	132	122	85	50	69	101	100	108	73	88	1611
Patents By Year of Application:	479	91	93	128	142	98	38	59	91	88	119	88	79	18	0	1611
CHRYSLER MOTORS CORPORATION																
Patents By Year of Grant:	183	19	44	79	66	91	120	93	52	75	130	130	189	147	188	1606
Patents By Year of Application:	221	56	73	70	117	94	90	59	111	138	180	176	172	49	0	1606
COMMISSARIAT A L'ENERGIE ATOMIQUE																
Patents By Year of Grant:	514	96	91	126	90	82	72	49	70	52	62	40	69	79	88	1580
Patents By Year of Application:	727	94	76	73	92	48	62	61	55	51	70	79	76	16	0	1580

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 1998) ---- Ranked List of Organizations with 1000 or More Patents ----

	Pre 1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
PITNEY-BOWES, INC.																
Patents By Year of Grant:	400	71	66	65	49	111	87	75	102	92	82	98	73	85	124	1580
Patents By Year of Application:	556	65	56	81	83	80	98	91	85	89	120	94	70	12	0	1580
AIR PRODUCTS AND CHEMICALS, INC.																
Patents By Year of Grant:	310	80	61	87	70	119	100	119	91	110	125	73	78	72	80	1575
Patents By Year of Application:	428	66	87	96	114	99	103	102	125	88	90	76	63	36	2	1575
L'OREAL S.A.																
Patents By Year of Grant:	303	46	34	54	53	94	86	86	78	86	76	79	126	169	191	1561
Patents By Year of Application:	414	43	58	80	87	72	71	81	75	80	132	198	136	34	0	1561
BAXTER INTERNATIONAL INC.																
Patents By Year of Grant:	559	46	48	74	67	92	69	78	63	68	79	62	74	68	99	1546
Patents By Year of Application:	687	47	77	74	71	79	61	63	68	85	81	89	49	15	0	1546
SHIN ETSU CHEMICAL CO., LTD.																
Patents By Year of Grant:	149	28	40	50	65	52	64	114	134	166	161	142	134	97	96	1492
Patents By Year of Application:	197	45	60	52	61	105	145	123	156	144	160	139	83	22	0	1492
LUCAS INDUSTRIES PUBLIC LTD. COMPANY																
Patents By Year of Grant:	603	96	75	83	65	90	72	74	40	40	33	48	52	54	58	1483
Patents By Year of Application:	767	58	74	80	77	67	60	44	35	39	58	59	51	13	1	1483
TEKTRONIX INC.																
Patents By Year of Grant:	238	88	91	137	173	143	91	80	67	60	43	63	72	57	73	1476
Patents By Year of Application:	440	96	164	119	111	96	68	65	61	53	62	78	45	15	3	1476
MURATA MANUFACTURING CO., LTD.																
Patents By Year of Grant:	146	41	48	52	69	62	69	91	84	66	103	118	151	150	217	1467
Patents By Year of Application:	229	43	63	55	76	81	81	70	97	119	166	159	167	61	0	1467
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	203	64	100	153	198	138	92	86	80	48	36	44	42	82	99	1465
Patents By Year of Application:	388	90	175	152	102	97	72	62	46	41	52	72	89	26	1	1465
HALLIBURTON CO.																
Patents By Year of Grant:	366	81	95	120	70	68	53	60	61	74	162	88	94	39	25	1456
Patents By Year of Application:	518	98	87	49	67	68	50	76	131	131	82	65	28	6	0	1456
CASIO COMPUTER CO. LTD.																
Patents By Year of Grant:	150	24	36	83	88	73	90	143	111	87	114	115	126	86	125	1451
Patents By Year of Application:	223	90	81	72	74	148	110	86	133	86	120	101	71	56	0	1451

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	Pre															
	1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
ROHM AND HAAS COMPANY																
Patents By Year of Grant:	564	32	33	22	18	32	32	49	65	118	131	117	97	63	71	1444
Patents By Year of Application:	641	23	26	20	23	48	74	97	110	120	97	89	53	22	1	1444
HARRIS CORP.																
Patents By Year of Grant:	353	51	55	89	51	74	74	60	60	62	69	71	93	118	126	1406
Patents By Year of Application:	479	71	55	58	65	65	61	73	83	53	112	115	87	29	0	1406
RAYTHEON COMPANY																
Patents By Year of Grant:	544	58	48	81	47	60	80	85	86	72	52	45	10	20	117	1405
Patents By Year of Application:	703	58	51	52	65	87	64	90	39	49	21	22	72	32	0	1405
YAMAHA CORPORATION																
Patents By Year of Grant:	0	0	0	0	8	87	112	121	120	157	136	140	162	151	208	1402
Patents By Year of Application:	1	1	9	74	101	154	156	117	133	148	141	160	160	46	1	1402
OKI ELECTRIC INDUSTRY CO., LTD.																
Patents By Year of Grant:	140	26	32	59	79	123	95	109	125	129	106	91	81	72	130	1397
Patents By Year of Application:	199	55	58	98	121	109	107	156	96	87	96	106	67	40	2	1397
AGFA-GEVAERT, AG																
Patents By Year of Grant:	757	46	55	31	44	64	52	53	33	36	40	39	20	39	50	1359
Patents By Year of Application:	837	48	33	62	55	46	36	35	42	33	39	48	30	15	0	1359
LEVER BROS. CO., DIVISION OF CONOPCO, INC.																
Patents By Year of Grant:	464	74	61	60	48	51	67	62	63	54	67	76	81	57	68	1353
Patents By Year of Application:	593	65	40	56	60	68	62	64	45	78	58	93	54	16	1	1353
TAKEDA CHEMICAL INDUSTRIES LTD.																
Patents By Year of Grant:	362	55	57	57	58	79	87	50	66	93	68	70	99	77	73	1351
Patents By Year of Application:	496	49	57	69	73	85	61	73	71	82	91	83	54	7	0	1351
INSTITUT FRANCAIS DU PETROLE																
Patents By Year of Grant:	343	44	35	55	63	64	72	82	56	71	89	73	69	86	142	1344
Patents By Year of Application:	430	60	58	52	69	71	68	64	84	84	71	107	91	35	0	1344
SUNDSTRAND CORPORATION																
Patents By Year of Grant:	153	53	80	89	82	132	158	196	120	66	57	31	45	29	45	1336
Patents By Year of Application:	281	84	87	98	156	227	130	70	49	50	37	27	30	10	0	1336
mitsui toatsu chemicals inc.																
Patents By Year of Grant:	216	36	29	44	64	78	95	88	130	139	118	96	79	72	45	1329
Patents By Year of Application:	281	38	61	77	82	115	119	107	118	104	86	97	38	6	0	1329

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 1998) ---- Ranked List of Organizations with 1000 or More Patents ----

	Pre															
	1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
NIPPON STEEL CORP.																
Patents By Year of Grant:	360	42	53	48	54	78	57	63	75	80	79	85	72	89	94	1329
Patents By Year of Application:	446	44	55	58	61	50	96	90	77	79	79	97	73	24	0	1329
FANUC LTD.																
Patents By Year of Grant:	22	68	76	104	78	135	125	129	125	102	87	70	73	51	71	1316
Patents By Year of Application:	173	86	80	97	125	163	125	103	83	64	85	81	32	19	0	1316
B. F. GOODRICH CO.																
Patents By Year of Grant:	554	70	54	60	75	78	57	73	69	59	47	30	33	17	29	1305
Patents By Year of Application:	673	62	54	71	75	96	51	43	60	39	29	26	18	8	0	1305
BECTON, DICKINSON AND COMPANY																
Patents By Year of Grant:	227	36	43	62	39	77	56	65	58	58	87	72	100	155	164	1299
Patents By Year of Application:	331	51	43	55	62	46	65	52	72	105	108	132	133	44	0	1299
AGENCY OF INDUSTRIAL SCIENCE & TECHNOLOGY																
Patents By Year of Grant:	278	64	54	60	80	96	92	97	72	62	49	57	57	73	71	1262
Patents By Year of Application:	392	46	78	91	95	94	75	66	50	51	65	72	65	22	0	1262
UNITED STATES OF AMERICA, HEALTH & HUMAN SERVICES																
Patents By Year of Grant:	208	35	28	34	27	34	38	50	76	85	108	97	117	150	169	1256
Patents By Year of Application:	285	29	34	37	56	67	80	91	117	119	149	139	40	13	0	1256
AMERICAN HOME PRODUCTS CORPORATION																
Patents By Year of Grant:	441	51	45	48	70	86	68	48	56	68	31	60	96	34	50	1252
Patents By Year of Application:	521	48	70	74	51	66	45	62	59	45	72	91	32	14	2	1252
ETHYL CORPORATION																
Patents By Year of Grant:	378	105	77	48	51	88	109	118	95	88	51	8	12	14	10	1252
Patents By Year of Application:	528	82	49	53	100	118	97	93	69	26	6	16	9	5	1	1252
MITA INDUSTRIAL COMPANY LTD.																
Patents By Year of Grant:	130	42	43	42	34	46	60	89	105	128	95	89	94	73	169	1239
Patents By Year of Application:	204	40	41	48	47	87	118	98	113	104	80	103	94	62	0	1239
YOSHIDA KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	393	70	87	76	63	81	58	92	73	50	68	66	15	2	1	1195
Patents By Year of Application:	532	60	71	65	60	93	76	57	49	91	35	6	0	0	0	1195
KIMBERLY-CLARK CORPORATION																
Patents By Year of Grant:	163	33	60	95	84	95	70	50	60	49	65	84	147	111	23	1189
Patents By Year of Application:	255	86	97	83	64	62	66	44	61	82	125	134	28	2	0	1189

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	Pre															
	1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
ALUMINUM COMPANY OF AMERICA																
Patents By Year of Grant:	322	62	76	80	74	62	60	67	52	65	58	51	53	33	57	1172
Patents By Year of Application:	444	83	78	68	63	63	54	62	51	56	52	46	45	7	0	1172
SANDOZ LTD.																
Patents By Year of Grant:	490	45	42	51	54	60	36	52	41	47	44	45	85	57	20	1169
Patents By Year of Application:	590	45	49	49	48	44	46	49	40	47	66	80	15	1	0	1169
MEDTRONIC INC.																
Patents By Year of Grant:	242	30	28	18	18	12	32	32	70	65	114	93	79	91	243	1167
Patents By Year of Application:	310	19	12	14	17	39	57	63	88	117	93	106	156	75	1	1167
STAUFFER CHEMICAL COMPANY																
Patents By Year of Grant:	784	104	75	95	69	36	0	2	0	1	0	0	0	0	0	1166
Patents By Year of Application:	960	80	73	39	12	1	1	0	0	0	0	0	0	0	0	1166
NGK INSULATORS LTD.																
Patents By Year of Grant:	106	44	30	57	64	117	84	79	92	111	73	65	67	81	92	1162
Patents By Year of Application:	176	58	51	88	88	102	88	97	94	69	72	89	66	24	0	1162
ZENITH ELECTRONICS CORPORATION																
Patents By Year of Grant:	422	56	66	92	80	60	59	59	61	46	36	31	33	33	28	1162
Patents By Year of Application:	555	73	66	72	51	57	60	59	50	29	28	34	22	6	0	1162
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.																
Patents By Year of Grant:	228	47	42	53	42	24	70	81	90	86	55	57	73	76	132	1156
Patents By Year of Application:	313	52	48	32	35	80	91	77	85	61	80	81	94	26	1	1156
TELEFONAKTIEBOLAGET LM ERICSSON																
Patents By Year of Grant:	195	25	49	40	35	29	25	29	36	46	66	81	153	116	224	1149
Patents By Year of Application:	280	26	35	21	27	25	52	56	55	94	137	187	119	35	0	1149
SINGER COMPANY																
Patents By Year of Grant:	966	84	39	34	24	1	0	0	0	0	0	0	0	0	0	1148
Patents By Year of Application:	1082	29	25	9	3	0	0	0	0	0	0	0	0	0	0	1148
INTERNATIONAL FLAVORS + FRAGRANCES INC																
Patents By Year of Grant:	636	104	76	39	25	31	41	39	25	26	30	27	19	12	17	1147
Patents By Year of Application:	768	65	36	25	32	34	31	31	17	37	28	18	18	7	0	1147
BLACK & DECKER INC.																
Patents By Year of Grant:	231	47	55	48	36	45	40	57	49	37	46	66	112	126	141	1136
Patents By Year of Application:	343	42	36	46	44	45	40	33	37	54	77	157	100	81	1	1136

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 1998) ---- Ranked List of Organizations with 1000 or More Patents ----

	Pre																
	1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL	
MITSUBISHI JUKOGYO KABUSHIKI KAISHA																	
Patents By Year of Grant:	239	27	51	88	59	59	65	62	85	85	69	65	61	57	59	1131	
Patents By Year of Application:	306	70	72	54	53	79	60	101	80	58	60	70	58	10	0	1131	
NATIONAL RESEARCH DEVELOPMENT CORPORATION																	
Patents By Year of Grant:	554	72	77	84	48	83	59	58	60	19	3	1	0	1	1	1120	
Patents By Year of Application:	718	60	72	61	65	58	54	27	2	1	1	1	0	0	0	1120	
SMITHKLINE BECKMAN CORPORATION																	
Patents By Year of Grant:	636	46	29	55	56	62	34	14	31	19	27	37	27	21	24	1118	
Patents By Year of Application:	723	47	49	61	31	29	17	30	34	23	28	31	8	7	0	1118	
CARRIER CORPORATION																	
Patents By Year of Grant:	346	64	39	34	45	53	51	75	61	55	64	67	51	41	69	1115	
Patents By Year of Application:	435	40	46	46	46	56	67	63	54	66	67	56	53	19	1	1115	
EXXON CHEMICALS PATENTS INC.																	
Patents By Year of Grant:	0	0	9	28	33	67	74	116	93	115	113	124	103	115	119	1109	
Patents By Year of Application:	0	29	49	56	87	87	121	80	96	135	104	159	65	41	0	1109	
ILLINOIS TOOL WORKS INC.																	
Patents By Year of Grant:	299	49	40	42	41	27	44	47	53	76	36	60	72	93	125	1104	
Patents By Year of Application:	387	35	39	33	26	38	60	52	63	53	83	97	86	51	1	1104	
APPLE COMPUTER, INC.																	
Patents By Year of Grant:	16	4	8	11	10	11	24	33	47	69	66	124	185	230	261	1099	
Patents By Year of Application:	35	11	5	19	10	34	53	65	110	147	177	292	105	36	0	1099	
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE																	
Patents By Year of Grant:	460	33	34	30	35	43	49	47	55	54	38	49	41	49	75	1092	
Patents By Year of Application:	525	33	34	39	44	58	57	58	34	45	45	55	50	15	0	1092	
FUJI ELECTRIC CO., LTD.																	
Patents By Year of Grant:	120	26	30	46	48	60	70	67	70	64	77	100	124	95	92	1089	
Patents By Year of Application:	176	35	44	57	65	70	62	79	74	100	123	115	72	17	0	1089	
WHITAKER CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	61	195	201	212	198	222	1089	
Patents By Year of Application:	0	0	0	0	0	0	3	11	115	231	246	216	209	57	1	1089	
ASAHI KASEI KOGYO KABUSHIKI KAISHA																	
Patents By Year of Grant:	445	70	49	51	54	52	38	33	35	57	54	35	29	30	50	1082	
Patents By Year of Application:	562	53	51	48	41	49	34	52	40	33	42	26	34	17	0	1082	

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	Pre																TOTAL
	1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL	
GOLDSTAR COMPANY, LTD.																	
Patents By Year of Grant:	1	3	4	19	38	36	65	67	89	96	155	183	182	85	36	1059	
Patents By Year of Application:	13	20	37	53	61	41	84	119	141	178	214	61	30	7	0	1059	
UNION OIL COMPANY OF CALIFORNIA																	
Patents By Year of Grant:	308	69	69	59	70	75	57	91	88	54	47	28	11	15	14	1055	
Patents By Year of Application:	449	78	63	54	72	79	71	64	51	34	18	15	3	4	0	1055	
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																	
Patents By Year of Grant:	6	1	2	9	9	28	28	51	56	106	120	145	112	156	220	1049	
Patents By Year of Application:	8	6	7	22	37	31	60	92	117	141	123	176	164	62	3	1049	
BENDIX CORPORATION(NOW ALLIED-SIGNAL INC.)																	
Patents By Year of Grant:	1023	25	0	0	0	0	0	0	0	0	0	0	0	0	0	1048	
Patents By Year of Application:	1048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1048	
SUN MICROSYSTEMS, INC.																	
Patents By Year of Grant:	1	2	0	2	3	9	16	24	57	72	73	70	113	162	440	1044	
Patents By Year of Application:	4	3	3	3	19	37	60	58	80	67	113	253	274	69	1	1044	
DRESSER INDUSTRIES, INC.																	
Patents By Year of Grant:	507	84	68	75	50	42	25	37	28	20	22	12	15	25	27	1037	
Patents By Year of Application:	655	65	46	45	36	18	40	24	18	13	22	23	22	9	1	1037	
COMBUSTION ENGINEERING INC.																	
Patents By Year of Grant:	489	71	61	61	44	35	21	18	19	48	59	26	19	15	39	1025	
Patents By Year of Application:	627	46	45	36	28	16	18	22	65	45	29	16	22	10	0	1025	
CONOCO, INC.																	
Patents By Year of Grant:	528	54	42	30	64	54	52	55	50	37	19	13	11	7	7	1023	
Patents By Year of Application:	627	29	39	46	63	42	53	52	28	15	13	7	6	3	0	1023	
NIPPON TELEGRAPH & TELEPHONE CORP.																	
Patents By Year of Grant:	291	54	46	34	47	46	42	42	48	54	47	54	61	66	88	1020	
Patents By Year of Application:	391	40	39	35	51	34	49	49	52	54	71	73	68	13	1	1020	
MILES INC.																	
Patents By Year of Grant:	309	44	38	50	50	53	53	37	103	109	90	62	6	7	0	1011	
Patents By Year of Application:	403	67	44	53	39	47	64	105	85	66	33	5	0	0	0	1011	
MEAD CORPORATION																	
Patents By Year of Grant:	394	52	51	31	39	64	72	56	38	38	37	27	20	32	54	1005	
Patents By Year of Application:	486	29	27	57	69	70	48	32	38	35	24	29	35	26	0	1005	

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	Pre															
	1985	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
AGFA-GEVAERT N.V.																
Patents By Year of Grant:	223	16	20	18	23	34	19	40	36	54	67	95	104	114	141	1004
Patents By Year of Application:	255	18	23	26	29	22	45	52	49	81	107	122	131	43	1	1004
Other Organizations (146640)																
Patents By Year of Grant:	246294	37256	37232	43492	41364	49979	47827	51477	52320	53321	55588	56408	60898	65034	86797	985287
Patents By Year of Application:	323442	38201	40320	43808	47767	50577	52137	52381	55030	58015	65753	74265	59843	23203	545	985287