



FY 1997 PTO WORKLOAD TABLES

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Table 1.
Summary of Patent Examining Activities

(As of September 30 of each fiscal year)

Patent examining activity	1993	1994	1995	1996	1997
Applications filed, total	188,099	201,554	236,679	206,276	237,045
Utility ¹	173,619	185,087	220,141	189,979	219,453
Reissue	572	430	647	573	606
Plant	362	606	516	564	714
Design	13,546	15,431	15,375	15,160	16,272
First Actions:					
Design	16,074	16,832	18,223	15,465	15,038
Utility, plant, and reissue	171,799	168,722	176,220	179,391	193,635
PCT/Chapter 1	7,459	8,363	9,454	11,224	12,268
Patent application disposals, total	181,741	189,646	189,520	197,244	212,763
Allowed², total	116,151	119,609	119,621	135,321	148,802
Design	11,800	12,388	13,055	13,627	13,562
Utility, plant, and reissue	104,351	107,221	106,566	121,694	135,240
Abandoned, total	65,444	69,909	69,796	61,819	63,878
Design	4,681	4,977	3,336	3,461	2,511
Utility, plant, and reissue	60,763	64,932	66,460	58,358	61,367
Statutory invention registrations, total	146	128	103	104	83
PCT/Chapter II examinations completed	5,851	6,918	8,040	8,403	11,582
Patents issued³, total	107,332	113,268	114,241	116,875	122,977
Utility	96,676	101,270	101,895	104,900	111,979
Reissue	302	347	294	291	267
Plant	408	513	390	338	400
Design	9,946	11,138	11,662	11,346	10,331
Allowed applications, issue fee not paid ⁴	5,778	5,883	5,294	5,408	5,599
Pendency time of average patent application ⁵	19.5	19.0	19.2	20.8	22.2
Reexamination requests	359	379	392	418	376
Reexamination certificates issued	293	309	281	298	334
PCT search reports prepared	8,714	10,813	10,440	11,078	12,048
PCT international applications, USPTO as receiving office	12,389	14,265	15,941	20,106	22,767
National requirements, USPTO as receiving office	7,441	9,076	10,582	11,662	13,858
International preliminary examination reports	5,955	8,005	7,456	7,571	11,738
Patents renewed under P.L. 102-204	114,367	121,104	140,512	⁶ 127,806	138,695
Patents expired under P.L. 102-204	38,475	38,859	48,604	60,392	54,485

¹Utility patents include chemical, electrical and mechanical applications.

²“Allowed Patent Applications” are applications awaiting issuance (i.e., publication) as patents.

³Excludes withdrawn numbers.

⁴35 U.S.C. 151 (includes design applications).

⁵Average time (in months) between filing and issuance or abandonment of utility, plant, and reissue applications. This average does not include design patents.

⁶Corrected from FY 1996.

Table 2.
Patent Applications Filed

(FY 1978 - FY 1997)

Year	Utility ¹	Design	Plant	Reissue	Total
1978	100,473	7,440	171	660	108,744
1979	99,516	7,070	166	657	107,409
1980	104,219	7,269	186	641	112,315
1981	106,828	7,197	147	538	114,710
1982	116,052	8,069	193	486	124,800
1983	96,847	8,256	231	370	105,704
1984	109,010	8,446	248	281	117,985
1985	115,893	9,504	244	290	125,931
1986	120,988	9,792	291	332	131,403
1987	125,677	10,766	364	366	137,173
1988	136,253	11,114	377	439	148,183
1989	150,418	11,975	418	495	163,306
1990	162,708	11,140	395	468	174,711
1991	166,765	10,368	414	536	178,083
1992	171,623	12,907	335	581	185,446
1993	173,619	13,546	362	572	188,099
1994	185,087	15,431	430	606	201,554
1995	220,141	15,375	516	647	236,679
1996	189,979	15,160	564	573	206,276
1997	219,453	16,272	714	606	237,045

¹Chemical, electrical, and mechanical applications.

Table 3.
Patents Pending Prior to Allowance¹

(FY 1978 - FY 1997)

Year	Awaiting action by examiner	Total applications pending ²
1978	57,031	144,056
1979	50,085	151,702
1980	64,289	167,533
1981	71,033	181,727
1982	87,659	216,509
1983	102,532	223,101
1984	90,687	219,567
1985	90,648	215,512
1986	80,547	207,774
1987	65,010	209,911
1988	75,678	215,280
1989	92,377	222,755
1990	104,179	244,964
1991	104,086	254,507
1992	112,201	269,596
1993	99,904	244,646
1994	107,824	261,249
1995	124,275	298,522
1996	139,943	303,720
1997	112,430	275,295

¹Includes patents pending at end of period indicated, and includes utility, reissue, plant, and design applications. Does not include allowed applications.

²Applications under examination, including those in preexamination processing.

Table 4.
Patent Pendency and Cycle Time Statistics

(FY 1997)

Utility, plant & reissue (UPR) applications	Number of applications	Average pendency (in months)	
Issued	112,646	24.3	
Abandoned	61,367	20.0	
Total	174,013	22.2	
Applications in process	349,540	16.1	
UPR pendency by technology center ¹ (in months)			
	To issue	Abandoned	In process
Sector 1 - Biotechnology, Organic Chemistry & Designs	27.4	22.3	19.4
Sector 2 - Chemical and Material Engineering	24.0	19.6	15.6
Sector 3 - Transportation, Construction & Agriculture	22.5	18.1	14.4
Sector 4 - Mechanical Engineering, Manufacturing & Products	22.7	17.2	14.7
Sector 5 - Communications and Information Processing	28.0	23.1	17.9
Sector 6 - Physics, Optics, System Components & Electrical Engineering	23.2	19.9	14.9
UPR pendency by technology center (in months)			
	From original filing date ²	From most recent filing date ²	
Sector 1	31.7	25.3	
Sector 2	26.4	22.3	
Sector 3	23.4	21.2	
Sector 4	23.6	20.9	
Sector 5	31.5	26.0	
Sector 6	25.1	22.3	
Total UPR pendency	26.5	22.2	
Cycle time by technology center (in months)			
	PTO time	Applicant time	
Sector 1	17.8	13.8	
Sector 2	15.2	11.0	
Sector 3	14.4	8.6	
Sector 4	14.6	8.9	
Sector 5	19.6	11.8	
Sector 6	15.6	9.4	
Total UPR pendency	16.0	10.4	

¹From most recent filing date. The Patent Examining Corps is currently in transition from sixteen groups into six technology centers. These centers did not yet exist as of the end of the fiscal year. This data is a conversion to show what pendency and cycle time for technology centers in FY 97 would have been, and to allow for easy comparison with subsequent years.

²“Pendency from original filing date” and “pendency from most recent filing date” differ in that the former is composed of continuing applications descending from the original, or parent invention. Pendency is calculated based on the most recent filing date, while cycle time is based on the original filing date.

Table 5.
Summary of Pending Patent Applications

(As of September 30, 1997)

Stage of processing	Utility, plant and reissue applications	Design applications	Total patent applications
Pending patent applications, total	349,540	24,364	373,904
In preexamination processing, total	26,150	2,156	28,306
Under examination, total	235,255	11,734	246,989
Awaiting first action by examiner	77,931	6,193	84,124
Rejected, awaiting response by applicant	107,609	3,533	111,142
Amended, awaiting action by examiner	30,528	790	31,318
In interference	1,765	19	1,784
On appeal and other ¹	117,422	1,199	18,621
In postexamination processing, total	88,135	10,474	98,609
Awaiting issue fee	47,355	5,222	52,577
Awaiting printing ²	37,397	5,252	42,649
D-10s (secret cases in condition for allowance)	3,383	-	3,383

- Represents zero.

¹Includes cases on appeal and undergoing petitions.

²Includes withdrawn cases.

Table 6.
Patents Issued¹
(FY 1978 - FY 1997)

Year	Utility ²	Design	Plant	Reissue	Total
1978	65,963	3,797	194	366	70,320
1979	51,686	3,269	151	312	55,418
1980	56,618	4,167	137	305	61,227
1981	66,617	3,882	168	343	71,010
1982	59,449	5,299	120	284	65,152
1983	54,744	4,401	219	351	59,715
1984	66,753	4,935	174	287	72,149
1985	69,667	5,058	277	300	75,302
1986	71,301	5,202	227	263	76,993
1987	82,141	6,158	240	254	88,793
1988	77,317	5,740	283	244	83,584
1989	95,831	5,844	728	309	102,712
1990	88,974	7,176	295	282	96,727
1991	91,822	9,386	318	334	101,860
1992	99,405	9,612	336	375	109,728
1993	96,676	9,946	408	302	107,332
1994	101,270	11,138	513	347	113,268
1995	101,895	11,662	390	294	114,241
1996	104,900	11,346	338	291	116,875
1997	111,979	10,331	400	267	122,977

¹Excludes withdrawn numbers.

²Includes chemical, electrical, and mechanical applications.

Table 7.
Patent Applications Filed by U.S. Residents, by State¹

(FY 1997)

State/territory	1997	State/territory	1997	State/territory	1997
Total	134,796	Kentucky	679	Oklahoma	730
Alabama	109	Louisiana	800	Oregon	2,115
Alaska	663	Maine	238	Pennsylvania	5,797
Arizona	2,388	Maryland	2,255	Rhode Island	508
Arkansas	308	Massachusetts	5,676	South Carolina	945
California	27,046	Michigan	5,325	South Dakota	118
Colorado	2,849	Minnesota	4,159	Tennessee	1,338
Connecticut	2,900	Mississippi	289	Texas	9,692
Delaware	670	Missouri	1,418	Utah	1,195
District of Columbia	111	Montana	222	Vermont	515
Florida	4,632	Nebraska	352	Virginia	1,779
Georgia	2,318	Nevada	663	Washington	2,937
Hawaii	139	New Hampshire	886	West Virginia	301
Idaho	1,576	New Jersey	6,370	Wisconsin	2,787
Illinois	6,094	New Mexico	486	Wyoming	86
Indiana	2,115	New York	9,855	Puerto Rico	55
Iowa	992	North Carolina	2,739	Virgin Islands	6
Kansas	665	North Dakota	110	U.S. Pacific Islands ²	1
		Ohio	5,780	United States ³	14

¹Data include utility, design, plant, and reissue applications.

²Represents residents of American Samoa, Guam, and miscellaneous U.S. Pacific Islands.

³No State indicated in database.

Table 8.
Patents Issued to U.S. Residents, by State¹

(FY 1997)

State/territory	1997	State/territory	1997	State/territory	1997
Total	69,294	Kentucky	365	Oklahoma	473
Alabama	367	Louisiana	424	Oregon	1,049
Alaska	69	Maine	108	Pennsylvania	2,987
Arizona	1,195	Maryland	1,283	Rhode Island	286
Arkansas	152	Massachusetts	2,799	South Carolina	489
California	12,676	Michigan	3,178	South Dakota	54
Colorado	1,311	Minnesota	2,015	Tennessee	706
Connecticut	1,624	Mississippi	174	Texas	4,486
Delaware	389	Missouri	831	Utah	634
District of Columbia	62	Montana	118	Vermont	284
Florida	2,495	Nebraska	179	Virginia	941
Georgia	1,111	Nevada	245	Washington	1,421
Hawaii	89	New Hampshire	473	West Virginia	150
Idaho	521	New Jersey	3,437	Wisconsin	1,523
Illinois	3,501	New Mexico	276	Wyoming	53
Indiana	1,343	New York	5,523	Puerto Rico	16
Iowa	438	North Carolina	1,486	Virgin Islands	3
Kansas	334	North Dakota	65	U.S. Pacific Islands ²	3
		Ohio	3,077	United States ³	3

¹Data include utility, design, plant, and reissue applications.

²Represents residents of American Samoa, Guam, and miscellaneous U.S. Pacific Islands.

³No State indicated in database.

Table 9.
U.S. Patent Applications Filed by non-U.S. Residents, by Country¹

(FY 1993 - FY 1997)

Residence	1993	1994	1995	1996	1997	Residence	1993	1994	1995	1996	1997
Total	78,029	83,920	96,255	89,941	102,249	Guadeloupe	-	-	-	-	1
Afghanistan	-	-	-	-	1	Guatemala	1	2	4	2	5
Albania	-	-	-	-	2	Haiti	1	1	1	-	1
Andorra	-	1	1	1	-	Honduras	-	2	1	3	5
Anguilla	-	-	-	-	2	Hong Kong	303	385	324	467	448
Antigua & Barbuda	1	2	5	1	1	Hungary	61	73	73	63	42
Argentina	65	77	69	75	81	Iceland	4	6	6	8	13
Armenia	-	-	1	-	1	India	54	64	98	105	135
Aruba	-	-	1	2	-	Indonesia	11	5	7	22	1
Australia	853	1,078	1,150	1,090	1,270	Iran	9	4	7	14	16
Austria	507	637	684	532	590	Iraq	-	-	-	-	1
Azerbaijan	1	2	1	2	1	Ireland	102	152	135	119	130
Bahamas	8	8	18	8	12	Israel	833	998	1,183	1,081	1,220
Bahrain	-	-	-	1	-	Italy	2,159	2,160	2,512	2,152	2,472
Barbados	-	1	2	1	1	Jamaica	1	3	4	2	1
Belarus	6	5	8	6	6	Japan	36,148	36,912	42,944	39,810	44,318
Belgium	666	841	1,080	900	974	Jordan	-	1	5	6	1
Belize	-	-	-	1	1	Kazakhstan	1	1	-	-	1
Benelux Convention	-	-	-	-	1	Kenya	2	2	2	2	5
Bermuda	1	3	4	4	2	Korea, Dem. Republic of	-	2	11	19	67
Bolivia	-	1	2	1	1	Korea, Republic of	1,512	2,177	2,943	3,932	4,957
Bosnia & Herzegovina	-	-	-	1	-	Kuwait	1	1	4	3	19
Brazil	106	161	130	136	157	Kyrgyzstan	-	-	1	-	-
British Virgin Islands	1	1	-	5	3	Laos	-	-	-	1	-
Bulgaria	5	3	9	15	10	Latvia	-	-	-	2	1
Canada	4,196	4,638	5,420	4,893	4,972	Lebanon	2	1	-	3	2
Cayman Islands	1	1	1	15	4	Lesotho	-	-	-	-	1
Chile	13	8	16	24	13	Liechtenstein	14	19	13	20	21
China (mainland)	124	114	151	256	215	Lithuania	1	-	5	-	4
Columbia	4	16	19	11	9	Luxembourg	49	41	38	36	63
Cook Islands	-	1	-	-	-	Macau	1	1	2	-	1
Costa Rica	5	24	13	3	14	Macedonia	-	-	1	-	-
Croatia	3	11	15	14	20	Malaysia	18	44	36	43	61
Cuba	-	3	9	5	2	Maldives	-	-	-	-	1
Cyprus	2	2	1	-	4	Mali	-	-	1	5	1
Czech Republic	-	-	11	22	22	Malta	3	1	2	3	-
Czechoslovakia	28	30	26	14	14	Marshall Islands	1	-	-	1	-
Denmark	496	537	756	567	724	Mauritius	1	1	-	-	-
Djibouti	-	-	-	-	1	Mexico	92	117	97	116	146
Dominica	-	-	-	2	-	Moldova Republic	-	1	1	1	-
Dominican Republic	1	2	3	1	4	Monaco	6	3	11	13	11
Ecuador	5	1	4	1	8	Mongolia	-	1	-	3	-
Egypt	6	3	3	5	8	Montserrat	-	1	1	-	-
El Salvador	-	-	1	1	1	Morocco	2	3	1	5	1
Estonia	-	2	1	1	1	Myanmar	-	-	-	1	-
Ethiopia	-	-	-	-	1	Namibia	-	1	-	-	2
European Patent Office	-	-	-	-	28	Nauru	-	-	-	-	1
Falkland Islands	-	-	-	1	-	Nepal	-	-	1	-	-
Fiji	-	-	-	2	-	Netherlands	1,548	1,549	1,727	1,594	1,978
Finland	576	705	789	797	946	Netherlands Antilles	2	2	1	1	-
France	4,554	4,790	5,389	4,678	5,093	New Caledonia	1	-	1	1	1
French Guiana	-	-	-	1	-	New Zealand	103	148	170	191	218
Gabon	-	-	1	-	-	Nicaragua	1	-	-	-	1
Georgia	-	2	6	6	16	Niger	-	-	1	-	1
Germany	10,550	11,539	12,421	11,515	12,963	Nigeria	6	2	-	3	1
Ghana	1	-	-	1	4	Norway	198	196	251	244	312
Greece	23	25	39	22	21	Pakistan	-	1	3	1	8
						Panama	-	6	7	8	2

(continued on next page)

- Represents zero.

¹Data include utility, design, plant, and reissue applications. Country listings include possessions and territories of that country unless listed separately in the table.

Table 9. (Cont'd)
United States Patent Applications Filed by Residents of Foreign Countries¹

(FY 1993 - FY 1997)

Residence	1993	1994	1995	1996	1997	Residence	1993	1994	1995	1996	1997
Paraguay	-	-	-	1	1	Switzerland	1,937	1,922	2,075	1,639	1,782
Peru	5	8	6	4	5	Syria	1	-	-	-	1
Philippines	6	6	17	10	42	Taiwan	3,370	3,847	4,729	5,108	6,349
Poland	24	26	19	21	29	Tanzania	-	-	-	-	1
Portugal	12	8	18	13	12	Thailand	13	24	33	25	32
Romania	4	5	7	9	13	Trinidad & Tobago	3	3	1	2	1
Russian Federation ²	185	222	247	246	244	Tunisia	-	1	-	-	-
Saudi Arabia	17	21	29	17	23	Turkey	4	4	6	6	2
Senegal	-	-	-	1	1	Turks and Caicos Islands	-	-	2	-	-
Seychelles	-	-	-	3	1	Uganda	4	-	1	-	1
Sierra Leone	-	-	-	1	2	Ukraine	18	17	17	16	26
Singapore	100	134	161	157	244	United Arab Emirates	-	4	2	1	5
Slovakia	1	5	14	2	3	United Kingdom	4,503	5,104	5,577	4,804	5,589
Slovenia	24	15	16	21	24	Uruguay	9	3	9	3	2
Solomon Islands	-	-	1	2	-	Uzbekistan	1	1	2	-	-
South Africa	228	238	230	189	197	Vatican City	-	1	-	1	-
Spain	285	367	384	369	458	Venezuela	30	51	38	39	35
Sri Lanka	1	1	3	1	2	Vietnam	-	1	-	1	2
St. Kitts and Nevis	-	1	1	-	-	Yemen	1	-	2	1	-
St. Vincent/The Grenadines	1	-	-	-	-	Yugoslavia	11	10	12	4	7
Suriname	-	-	-	1	-	Zaire	-	-	1	-	-
Swaziland	-	-	8	24	14	Zimbabwe	1	1	-	-	-
Sweden	1,162	1,492	1,674	1,439	2,062	Other ³	8	12	17	13	5

²FY 1993-1997 data for Russian Federation corrected to include applications attributed to the Soviet Union.

³Country of origin information not available.

Table 10.
U.S. Patents Issued to non-U.S. Residents, by Country¹

(FY 1993 - FY 1997)

Residence	1993	1994	1995	1996	1997	Residence	1993	1994	1995	1996	1997
Total	47,927	49,149	49,679	50,159	53,683	Korea, Dem. Republic of	1	1	-	-	-
Andorra	1	-	-	1	-	Korea, Republic of	789	941	1,175	1,428	1,828
Antigua	-	1	-	4	-	Kuwait	2	1	1	2	1
Argentina	30	27	38	28	41	Kyrgyzstan	-	-	-	-	1
Armenia	-	-	1	-	-	Lebanon	1	1	1	-	1
Aruba	-	-	-	-	2	Liechtenstein	14	11	21	15	10
Australia	433	533	572	534	592	Lithuania	-	-	1	-	2
Austria	320	337	356	370	391	Luxembourg	37	48	30	35	28
Azerbaijan	-	-	-	2	-	Macau	-	-	-	2	-
Bahamas	4	-	4	4	5	Malaysia	22	16	11	21	26
Bahrain	-	-	-	-	1	Malta	2	1	1	-	1
Belarus	-	-	5	2	4	Marshall Islands	-	-	1	-	-
Belgium	351	410	391	482	559	Mauritius	1	1	-	1	-
Bermuda	-	2	-	3	1	Mexico	44	56	43	45	48
Bolivia	-	-	-	1	-	Monaco	6	6	5	5	7
Brazil	58	57	66	65	72	Morocco	1	-	2	1	-
British Virgin Islands	1	2	-	-	-	Netherlands	961	944	929	882	878
Bulgaria	5	2	4	1	4	Netherlands Antilles	-	-	1	-	-
Canada	2,198	2,275	2,535	2,444	2,803	New Zealand	50	54	59	71	95
Cayman Islands	-	2	2	2	5	Nicaragua	1	-	-	-	-
Chile	11	6	10	4	4	Nigeria	-	-	1	-	2
China (Mainland)	58	41	69	51	59	Norway	120	128	142	142	156
Colombia	8	7	3	7	8	Oman	1	-	-	-	-
Cook Islands	-	-	-	1	-	Pakistan	-	1	2	1	1
Costa Rica	3	7	7	10	7	Panama	1	-	-	1	1
Croatia	-	3	6	4	8	Peru	2	2	3	5	2
Cuba	1	5	-	-	4	Philippines	6	1	4	1	15
Cyprus	1	2	3	1	2	Poland	7	6	10	12	15
Czech Republic	-	-	1	3	13	Portugal	2	6	5	3	6
Czechoslovakia	17	20	16	13	9	Romania	2	1	1	6	1
Denmark	288	260	333	326	362	Russian Federation	2	22	90	111	113
Dominican Republic	-	1	1	-	-	San Marino	-	1	-	-	-
Ecuador	1	3	-	-	-	Saudi Arabia	4	9	11	11	16
Egypt	1	4	1	4	2	Singapore	46	58	53	87	111
El Salvador	-	-	-	1	1	Slovakia	-	-	-	1	2
Estonia	-	-	2	2	-	Slovenia	1	10	8	11	9
Faroe Islands	-	1	-	-	-	South Africa	89	99	137	112	112
Finland	328	337	375	408	482	Soviet Union	68	63	18	14	7
France	3,165	3,051	2,991	2,972	3,121	Spain	160	181	185	177	176
French Guiana	-	-	-	1	-	Sri Lanka	3	-	1	2	1
Georgia	-	-	1	-	1	St. Kitts and Nevis	-	-	-	1	-
Germany	7,172	7,024	6,946	6,898	7,180	St. Vincent/The Grenadines	-	1	-	-	-
Ghana	-	-	1	-	-	Sweden	743	754	905	904	996
Greece	7	16	11	13	14	Switzerland	1,193	1,225	1,236	1,141	1,176
Guadeloupe	-	1	-	-	-	Taiwan	1,453	1,709	2,026	2,300	2,490
Guatemala	1	2	-	2	1	Tanzania	1	-	-	-	-
Haiti	-	-	-	-	1	Thailand	12	13	10	8	16
Honduras	1	-	2	1	1	Trinidad & Tobago	-	2	2	2	-
Hong Kong	174	200	238	237	255	Tunisia	-	1	-	-	-
Hungary	78	50	43	46	32	Turkey	-	1	3	2	5
Iceland	4	6	3	3	4	Turks and Caicos Islands	-	-	-	-	1
India	21	33	39	37	43	Uganda	-	3	-	-	-
Indonesia	7	9	8	2	12	Ukraine	-	5	9	14	11
Iran	1	1	3	-	-	United Arab Emirates	1	1	-	1	1
Ireland	63	53	56	84	77	United Kingdom	2,462	2,424	2,642	2,668	2,787
Israel	358	354	440	475	573	Uruguay	-	-	2	2	4
Italy	1,452	1,376	1,273	1,338	1,422	Uzbekistan	-	1	-	2	-
Jamaica	-	-	2	-	1	Venezuela	28	31	33	31	20
Japan	22,942	23,764	22,991	22,979	24,314	Yemen	-	1	-	-	-
Jordan	-	-	-	-	5	Yugoslavia	20	19	7	9	4
Kazakhstan	-	-	1	-	-	Zaire	-	-	-	-	1
Kenya	3	-	1	2	1	Zimbabwe	1	4	1	1	-

- Represents zero.

¹Data include utility, design, plant, and reissue patents. Country listings include possessions and territories of that country unless separately listed in the table.

Table 11.
**Statutory Invention Registrations (SIRs)
 Published**

(FY 1993 - FY 1997)

Assignee	1993	1994	1995	1996	1997
Total	124	124	130	104	83
Air Force	7	6	6	6	5
Army	26	21	20	16	5
Energy	9	6	6	2	-
Navy	13	14	17	9	11
USA ¹	2	3	4	5	5
Other than U.S. Government	67	74	77	66	57

- Represents zero.

¹United States of America—no agency indicated in database.

Table 12.
U.S. Government Agency Patents¹

(FY 1988 - FY 1997)

Agency	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	Total
Total	791	837	897	1,137	1,185	1,153	1,225	1,135	921	923	10,204
Agriculture	37	36	44	52	48	57	38	44	48	39	443
Air Force	134	131	107	126	138	126	130	104	101	78	1,175
Army	116	146	145	129	172	147	194	163	138	169	1,519
Commerce	13	6	9	15	17	21	28	35	22	21	187
Energy	231	216	203	218	218	193	201	146	60	70	1,756
EPA	1	3	5	5	4	7	5	4	7	9	50
HEW/HHS	32	31	35	46	67	88	99	96	110	144	748
Interior	11	9	8	14	23	9	10	13	20	6	123
Library of Congress	-	-	-	-	-	-	-	1	1	-	2
NASA	100	125	125	124	166	155	148	157	102	92	1,294
Navy	104	117	200	384	314	333	360	352	299	279	2,742
NSA	4	5	2	3	3	5	6	4	3	1	36
Postal Service	-	-	-	1	-	-	-	1	1	1	4
State	-	-	-	-	-	-	-	1	-	-	1
Transportation	-	-	-	2	-	2	1	-	-	-	5
Treasury	-	-	-	-	-	-	-	-	-	1	1
TVA	7	4	9	8	5	1	2	5	4	4	49
USA ²	1	8	5	10	10	9	3	9	5	9	69

- Represents zero.

¹Data in this table represent utility patents assigned to agencies at the time of patent issue.

²United States of America - no agency indicated in database.

Table 13.
Reexamination
(FY 1993 - FY 1997)

Activity	1993	1994	1995	1996	1997
Requests filed, total	359	379	392	418	376
By patent owner	147	150	138	194	157
By third party	211	227	253	223	215
Commissioner-ordered	1	2	1	1	4
Determinations on requests, total	350	370	398	414	391
Requests granted:					
By examiner	311	334	372	386	357
By petition	10	6	-	8	4
Requests denied	29	30	26	20	30
Requests known to have related litigation	75	77	100	89	65
Court-ordered reexaminations	-	-	-	-	-
Average age of patents (years)	5.0	(¹)	(²)	(³)	(⁴)
Average references per request	9.5	9.6	(²)	(³)	(⁴)
Filings by discipline, total	359	379	392	418	376
Chemical	111	102	101	127	123
Electrical	138	146	131	127	100
Mechanical	110	131	160	164	153

- Represents zero.

¹Data for FY 1994 was not available.

²Data for FY 1995 was not available.

³Data for FY 1996 was not available.

⁴Data for FY 1997 was not available.

Table 14.
Summary of Contested Patent Cases

(Within the Patent and Trademark Office, as of September 30, 1997)

Item	Total
Ex parte cases, total	9,201
Appeals¹:	
Cases pending as of 9/30/96 ²	7,364
Cases filed during FY 1997	4,639
Disposals during FY 1997, total	2,802
Decided, total	2,132
Affirmed	949
Affirmed-in-part	274
Reversed	909
Other disposals, total	670
Dismissed/withdrawn	138
Remanded	532
Cases pending as of 9/30/97	6,399
Reconsiderations:	
Cases pending as of 9/30/97	24
Inter partes cases, FY 1997, total	563
Cases pending as of 9/30/96	276
Cases declared or reinstated during FY 1997	287
Cases terminated during FY 1997	115
Cases pending as of 9/30/97	448
Cases awaiting final board disposition as of 9/30/97, total	
Awaiting the scheduling of a final hearing	20
Scheduled for final hearing	2
Awaiting a final decision	2

¹Jurisdiction of an appeal passes to the Board of Patent Appeals and Interferences after the examiner has submitted his answer and after the time for filing a reply brief to the answer has passed.

²The pending number was adjusted to 7,364 from 6,505 due to an audit.

Table 15.
Summary of Trademark Examining Activities

(FY 1993 - FY 1997)

Item	1993	1994	1995	1996	1997
Applications for registration:					
Applications filed ¹	122,644	135,096	150,508	170,783	188,080
Applications including additional classes	139,735	155,376	175,307	200,640	224,355
Disposal of trademark applications:²					
Registrations	86,122	68,853	75,372	91,339	112,509
Abandonments	40,752	42,467	42,214	49,189	64,409
Trademark first actions²					
Applications approved for publication ²	131,191	147,343	176,764	198,160	226,651
	94,161	97,347	118,727	127,481	149,721
Certificates of registration issued,³ total					
1946 Act principal register	54,937	38,238	44,531	56,022	60,416
Principal register:					
ITU-Statements of Use register	17,174	19,563	18,513	19,683	33,131
1946 Act supplemental register	2,238	1,996	2,618	2,969	3,747
Total active certificates of registration (as of 9/30)	712,000	727,983	751,783	784,667	839,071
Renewal of registration:					
Applications filed	7,173	7,004	7,220	7,543	6,720
Registrations renewed	6,182	6,136	6,785	7,346	7,389
Affidavits, Sec. 8/15:					
Affidavits filed	21,999	20,850	23,497	22,169	20,781
Affidavits disposed	19,279	17,846	17,935	33,661	24,533
Affidavits for benefits under sec. 12(c):					
Affidavits filed	5	4	3	6	2
Affidavits abandoned	-	-	-	-	-
Published under sec. 12(c)	21	11	4	11	11
Amendments to Allege Use filed					
Statements of Use filed	3,138	4,033	5,169	6,232	7,292
Notices of Allowance (NOAs) issued	25,837	22,057	19,869	25,388	31,784
	53,053	40,741	51,473	71,117	80,693
Pendency—average months:					
Between filing and examiner's first action	4.0	5.2	5.3	5.9	6.4
Between filing, registration (Use Applications only) and abandonments, and NOAs	14.4	16.3	16.7	16.5	16.9
Between filing and issuing a NOA (Intent to Use applications only)	13.0	15.9	16.4	15.9	16.3

- Represents zero.

¹“Applications filed” refers simply to the number of individual trademark applications received by the PTO. There are, however, 47 different classes of items in which a trademark may be registered. An application must request registration in at least one class, but may request registration in multiple classes. ‘Applications including additional classes’ reflects this fact, and therefore more accurately reflects the Trademark business workload.

²Including additional classes.

³With the exception of Certificates of Registration, Renewal of Registration, Affidavits filed under Section 8/15 and 12(c), the workload count includes extra classes.

Table 16.
**Trademark Applications Filed for Registration
and Renewal and Trademark Affidavits Filed**

(FY 1978 - FY 1997)

Year	For registration	For renewal	Section 8 affidavit	Section 12(c) affidavit
1978	50,106	5,567	13,351	77
1979	50,672	5,623	13,864	10
1980	52,149	5,892	13,633	85
1981	55,152	5,693	17,071	40
1982	73,621	5,760	15,068	55
1983	51,014	5,438	12,544	46
1984	61,480	5,926	13,519	5
1985	64,677	5,275	8,823	29
1986	69,253	5,660	8,519	19
1987	70,002	5,871	16,644	34
1988	76,813	6,763	18,316	23
1989	83,169	6,127	17,986	104
1990	127,294	6,602	20,636	5
1991	120,365	5,634	25,763	1
1992	125,237	6,355	20,982	25
1993	139,735	7,173	21,999	5
1994	155,376	7,004	20,850	4
1995	175,307	7,346	23,497	-
1996	200,640	7,543	22,169	6
1997	224,355	6,720	20,781	2

- Represents zero.

Table 17.
Summary of Pending Trademark Applications

(As of September 30, 1997)

Stage of processing	Applications
Pending applications, total	323,967
In preexamination processing	94,154
Under examination, total	170,400
Applications under initial examination	79,342
Amended, awaiting action by examiner	73,259
Awaiting first action by examiner	6,083
ITU applications pending Statement of Use	58,632
Applications under second examination	5,057
Administrative processing of Statements of Use	983
Undergoing second examination	4,074
Other pending applications ¹	27,369
In postexamination processing	59,413
(Includes all application in all phases of publication and issue)	

¹Includes application pending before the Trademark Trial and Appeal Board, and suspended cases.

Table 18.
**Trademarks Registered, Renewed, and Published
 Under Section 12(c)¹**

(FY 1978 - FY 1997)

Year	Certificates of registration issued	Renewed	Published under 12(c)
1978	28,921	5,254	84
1979	22,210	5,404	34
1980	14,614	5,862	54
1981	31,306	5,884	77
1982	39,025	6,070	71
1983	41,179	5,695	74
1984	45,475	5,678	22
1985	63,122	5,177	27
1986	48,971	5,550	29
1987	47,522	4,415	24
1988	46,704	5,884	29
1989	51,802	9,209	84
1990	56,515	7,122	19
1991	43,152	6,416	19
1992	62,067	5,733	13
1993	74,349	6,182	21
1994	59,797	6,136	11
1995	65,662	6,785	-
1996	78,674	7,346	11
1997	97,294	7,389	11

- Represents zero.

¹Includes withdrawn numbers.

Table 19.
Trademark Applications Filed by U.S. Residents, by State
(FY 1997)

State/territory	1997	State/territory	1997	State/territory	1997
Total	191,275	Kentucky	1,110	Oklahoma	930
Alabama	997	Louisiana	769	Oregon	1,969
Alaska	109	Maine	423	Pennsylvania	6,583
Arizona	2,634	Maryland	3,363	Rhode Island	944
Arkansas	589	Massachusetts	6,828	South Carolina	1,384
California	38,065	Michigan	4,221	South Dakota	191
Colorado	4,072	Minnesota	4,179	Tennessee	2,411
Connecticut	3,758	Mississippi	377	Texas	9,575
Delaware	2,678	Missouri	3,386	Utah	2,221
District of Columbia	2,280	Montana	295	Vermont	410
Florida	10,758	Nebraska	850	Virginia	4,404
Georgia	4,811	Nevada	1,710	Washington	3,692
Hawaii	440	New Hampshire	803	West Virginia	257
Idaho	599	New Jersey	7,461	Wisconsin	3,076
Illinois	10,618	New Mexico	540	Wyoming	127
Indiana	2,111	New York	20,082	Puerto Rico	111
Iowa	974	North Carolina	3,412	Virgin Islands	23
Kansas	1,009	North Dakota	164	U.S. Pacific Islands ¹	8
		Ohio	6,480	United States ²	4

¹Represents residents of American Samoa, Guam, and miscellaneous U.S. Pacific Islands.

²No State indicated in database, includes APO filings.

Table 20.
Trademarks Registered to U.S. Residents, by State

(FY 1997)

State/territory	1997	State/territory	1997	State/territory	1997
Total	85,834	Kentucky	386	Oklahoma	357
Alabama	373	Louisiana	299	Oregon	790
Alaska	41	Maine	191	Pennsylvania	2,212
Arizona	811	Maryland	1,090	Rhode Island	412
Arkansas	221	Massachusetts	2,079	South Carolina	333
California	10,002	Michigan	1,624	South Dakota	67
Colorado	1,175	Minnesota	1,908	Tennessee	728
Connecticut	862	Mississippi	116	Texas	3,032
Delaware	17,230	Missouri	1,313	Utah	670
District of Columbia	474	Montana	72	Vermont	216
Florida	3,095	Nebraska	273	Virginia	1,160
Georgia	1,395	Nevada	1,034	Washington	1,529
Hawaii	157	New Hampshire	234	West Virginia	104
Idaho	161	New Jersey	2,296	Wisconsin	1,191
Illinois	3,321	New Mexico	149	Wyoming	74
Indiana	1,009	New York	5,946	Puerto Rico	38
Iowa	590	North Carolina	1,266	Virgin Islands	8
Kansas	379	North Dakota	53	U.S. Pacific Islands ¹	3
		Ohio	2,411	United States ²	8,874

¹Represents residents of American Samoa, Guam, and miscellaneous U.S. Pacific Islands.

²No State indicated in database.

Table 21.
Trademark Applications Filed by non-U.S. Residents, by Country

(FY 1993 - FY 1997)

Residence	1993	1994	1995	1996	1997	Residence	1993	1994	1995	1996	1997
Total	18,062	19,868	23,084	26,303	33,080	El Salvado	7	7	2	2	7
Algeria	1	-	-	-	-	European Patent Office	-	-	-	1	-
Andorra	-	-	-	1	7	Estonia	-	-	-	-	1
Anguilla	1	2	1	9	4	Faroe Islands	-	1	-	-	-
Antigua & Barbuda	1	3	1	-	7	Fiji	-	2	-	1	3
Argentina	43	57	80	106	98	Finland	129	106	194	186	181
Aruba	1	1	-	12	5	France	1,484	1,712	1,723	2,081	2,483
Australia	424	470	625	663	922	French Polynesia	1	4	2	-	2
Austria	131	178	169	192	226	Gabon	-	-	-	-	1
Bahamas	19	41	36	86	67	Germany	1,947	1,912	2,655	3,124	4,080
Bahrain	-	-	1	3	2	Ghana	-	-	-	-	1
Barbados	11	64	29	23	35	Gibraltar	5	2	4	8	-
Belarus	-	-	2	-	1	Greece	19	21	28	28	16
Belgium	121	177	184	269	278	Greenland	-	-	5	2	-
Belize	4	3	7	2	1	Grenada	1	-	-	1	-
Benelux Convention	4	2	4	26	13	Guadeloupe	1	-	-	3	-
Bermuda	51	21	53	81	186	Guatemala	2	5	8	3	7
Bolivia	-	1	2	-	1	Guinea	-	1	-	-	-
Botswana	-	1	-	-	-	Guyana	1	1	-	5	3
Brazil	137	108	109	157	191	Hague	-	-	-	-	3
British Virgin Islands	77	93	128	92	159	Haiti	1	2	1	-	4
Brunei	-	-	-	-	1	Honduras	17	4	-	-	7
Bulgaria	3	2	-	10	2	Hong Kong	319	396	456	456	437
Cambodia	-	-	-	-	1	Hungary	6	23	12	27	15
Canada	3,595	4,330	4,721	5,180	6,063	Iceland	11	12	6	8	8
Cayman Islands	16	24	20	37	65	India	23	33	39	69	93
Central African Republic	-	-	1	-	-	Indonesia	23	15	5	38	37
Channel Islands	33	31	36	53	75	Iran	19	16	29	65	77
Chile	46	29	31	43	58	Ireland	64	71	127	139	252
China (mainland)	67	97	116	128	308	Isle of Man	11	9	11	12	108
Colombia	43	52	57	40	72	Israel	173	242	247	257	333
Cook Islands	15	-	-	4	3	Italy	1,027	952	1,303	1,251	1,557
Costa Rica	15	19	15	18	26	Jamaica	14	15	23	34	10
Croatia	-	4	1	1	1	Japan	1,780	1,642	1,974	2,153	2,845
Cuba	-	11	10	17	5	Jordan	-	1	10	3	4
Cyprus	4	3	2	9	9	Kazakhstan	-	2	-	-	1
Czechoslovakia	51	34	43	39	38	Kenya	-	5	1	1	3
Denmark	142	142	176	281	260	Kiribati	-	-	-	-	2
Dominica	-	1	11	9	8	Korea, Dem. Republic of	8	5	20	8	10
Dominican Republic	8	5	38	53	59	Korea, Republic of	200	376	370	371	419
Ecuador	10	15	9	20	25	Kuwait	-	2	2	2	4
Egypt	1	-	5	2	1	Latvia	-	-	-	-	7

(continued on next page)

Table 21. (Cont'd)
Trademark Applications Filed by non-U.S. Residents, by Country
(FY 1993 - FY 1997)

Residence	1993	1994	1995	1996	1997	Residence	1993	1994	1995	1996	1997
Laos	-	-	-	-	1	Russian Federation	19	40	59	35	52
Lebanon	-	1	1	1	1	Saint Lucia	-	1	-	-	-
Liberia	-	4	-	-	3	Saint Pierre/Mique	-	-	-	2	2
Liechtenstein	79	36	42	70	47	Samoa	1	-	-	3	2
Lithuania	-	-	-	1	-	San Marino	-	-	1	-	1
Luxembourg	15	60	32	93	120	Saudi Arabia	7	6	9	15	5
Macau	1	1	2	2	4	Scotland	-	33	75	92	64
Macedonia	-	-	-	4	2	Seychelles	-	-	-	5	1
Malaysia	26	36	39	22	49	Sierra Leone	-	-	1	4	-
Mali	-	-	1	-	-	Singapore	97	172	138	110	203
Malta	1	1	1	-	3	Slovakia	-	-	5	3	2
Martinique	-	1	-	-	6	Slovenia	8	12	5	7	15
Mauritius	-	2	3	-	-	Solomon Islands	-	-	1	-	-
Mexico	351	435	488	566	669	Somalia	1	-	4	-	-
Micronesia	1	-	-	-	-	South Africa	54	99	87	84	144
Monaco	11	13	24	53	39	Spain	343	312	338	426	658
Mongolia	-	-	-	-	3	Sri Lanka	4	3	2	3	6
Morocco	2	1	1	-	1	Sudan	-	-	-	1	-
Myanmar	-	-	-	5	3	Swaziland	5	1	-	-	1
N. Mariana Islands	2	-	1	2	1	Sweden	456	398	506	575	798
Nauru	-	-	-	2	-	Switzerland	727	908	1,134	1,155	1,566
Navassa Island	-	-	1	-	-	Syria	1	-	-	-	-
Netherlands	478	632	709	904	1,062	Taiwan	460	504	508	563	724
Netherlands Antilles	35	20	63	30	77	Thailand	51	31	17	43	34
New Zealand	143	96	104	163	162	Tokelau Islands	-	-	-	1	2
Nicaragua	-	-	4	1	5	Trinidad & Tobago	5	22	20	4	10
Nigeria	3	1	1	1	1	Tunisia	-	-	7	1	7
Norfolk Island	1	-	-	-	-	Turkey	11	11	18	19	43
Norway	112	82	59	97	133	Turks and Caicos Islands	-	6	1	9	10
Oman	-	-	1	-	-	Uganda	1	1	2	12	1
Pakistan	11	6	5	1	5	Ukraine	-	6	-	2	-
Panama	26	23	27	16	30	United Arab Emirates	8	4	5	14	13
Papua New Guinea	2	-	2	-	-	United Kingdom	1,999	2,129	2,384	2,926	3,784
Paraguay	-	-	2	3	2	Uruguay	5	8	6	11	2
Peru	4	8	19	14	6	Uzbekistan	-	-	1	1	-
Phillippines	11	13	29	11	27	Vanuatu	4	-	-	-	-
Pitcairn Island	-	-	-	3	-	Venezuela	51	25	51	40	57
Poland	1	10	25	22	20	Vietnam	-	1	1	5	1
Portugal	52	23	28	35	57	Yemen	-	-	-	-	2
Qatar	-	-	-	1	-	Yugoslavia	8	1	1	2	9
Reunion	-	-	-	-	3	Zaire	-	-	-	1	-
Romania	-	4	1	-	7	Zimbabwe	-	7	2	1	8

- Represents zero.

Table 22.
Trademarks Registered to non-U.S. Residents, by Country

(FY 1993 - FY 1997)

Residence	1993	1994	1995	1996	1997	Residence	1993	1994	1995	1996	1997
Total	11,054	8,066	7,822	9,536	11,460	Kiribati	5	1	-	-	-
Anguilla	-	-	2	1	-	Korea, Dem. Republic of	-	-	-	2	2
Antigua & Barbuda	1	-	3	3	6	Korea, Republic of	129	103	108	183	172
Argentina	26	21	23	29	46	Kuwait	-	-	-	1	-
Australia	268	196	177	199	289	Lebanon	7	4	3	4	3
Austria	116	82	68	72	93	Liberia	5	3	5	4	2
Bahamas	14	10	18	11	14	Libya	-	1	-	-	-
Bahrain	2	-	-	-	-	Liechtenstein	29	15	15	20	35
Bangladesh	-	1	1	-	-	Luxembourg	21	18	11	9	26
Barbados	5	4	10	8	4	Macau	2	-	1	1	-
Belgium	110	64	67	96	80	Malaysia	4	9	8	5	6
Belize	-	1	-	1	1	Malta	2	-	2	-	-
Bermuda	11	16	15	27	40	Mauritius	-	-	-	2	-
Brazil	67	73	60	53	61	Mexico	152	137	142	183	220
British Virgin Islands	32	24	33	33	35	Monaco	7	5	5	9	13
Bulgaria	-	-	-	-	2	Morocco	-	-	-	-	5
Cambodia	-	-	-	1	-	Namibia	1	-	-	-	-
Canada	1,680	1,343	1,438	1,722	2,059	Netherlands	350	248	231	303	362
Cayman Islands	10	12	12	18	27	Netherlands Antilles	14	7	14	19	15
Channel Islands	-	-	1	4	7	New Zealand	58	44	37	43	61
Chile	19	13	17	18	14	Nicaragua	1	-	1	2	2
China (mainland)	67	38	45	60	81	Nigeria	2	2	1	7	-
Colombia	33	25	18	28	37	Norway	46	41	34	48	44
Cook Islands	1	3	8	1	5	Oman	-	-	1	-	1
Costa Rica	6	10	9	12	10	Pakistan	3	2	4	6	6
Cuba	-	4	1	7	6	Panama	31	23	15	23	26
Cyprus	2	3	5	4	2	Papua New Guinea	-	-	-	3	-
Czechoslovakia	6	13	6	6	2	Paraguay	1	-	-	-	2
Denmark	79	70	79	78	105	Peru	11	8	3	6	8
Dominica	-	-	2	-	1	Philippines	11	2	7	4	13
Dominican Republic	2	3	7	11	16	Poland	7	6	3	20	7
Ecuador	4	3	12	7	8	Portugal	25	17	8	18	27
Egypt	2	2	-	1	2	Romania	1	-	1	1	3
El Salvador	4	4	5	5	6	Russian Federation	13	4	-	1	2
Fiji	1	-	-	1	1	Saint Lucia	-	1	-	1	-
Finland	85	57	65	82	106	San Marino	-	-	-	1	-
France	1,334	797	754	907	966	Saudi Arabia	1	2	2	6	4
French Polynesia	2	-	-	2	-	Scotland	-	-	1	3	3
Germany	1,224	847	821	1,004	1,268	Senegal	-	-	1	-	1
Ghana	-	1	-	2	2	Sierra Leone	-	-	-	-	1
Gibraltar	-	-	1	2	5	Singapore	28	23	33	45	60
Greece	8	12	11	18	9	Slovenia	1	2	5	3	5
Greenland	-	-	-	1	-	South Africa	34	24	33	35	36
Grenada	-	-	-	-	1	Spain	301	197	154	200	222
Guadeloupe	1	-	-	-	-	Sri Lanka	1	2	7	3	6
Guatemala	10	-	4	2	3	St. Kitts and Nevis	-	-	-	2	1
Guyana	2	-	1	4	-	Sweden	224	192	169	228	239
Hague Agreement	-	-	-	1	-	Switzerland	486	258	327	460	495
Haiti	-	1	-	1	1	Syria	2	3	2	1	-
Honduras	-	1	6	4	-	Taiwan	357	290	234	285	342
Hong Kong	175	160	127	168	163	Thailand	29	16	20	9	12
Hungary	9	10	8	9	5	Trinidad & Tobago	7	8	7	7	12
Iceland	9	2	5	3	3	Turkey	4	2	6	4	9
India	16	26	21	32	30	Turks and Caicos Islands	-	1	1	3	2
Indonesia	7	11	7	13	7	United Arab Emirates	-	-	-	2	2
Iran	4	4	5	5	5	United Kingdom	1,113	826	799	957	1,248
Ireland	28	35	27	43	51	Uruguay	-	3	6	4	12
Isle of Man	1	-	2	1	4	Vatican City	-	-	-	-	1
Israel	82	70	83	132	151	Venezuela	46	25	17	20	29
Italy	789	469	486	517	771	Vietnam	2	3	1	2	1
Jamaica	10	5	4	7	16	Western Samoa	-	-	1	-	-
Japan	1,108	932	740	841	1,017	Yugoslavia	7	6	4	3	1
Jordan	-	1	-	1	1	Zimbabwe	1	-	3	1	-
Kenya	-	1	3	2	1	Other ¹	-	2	6	3	7

- Represents zero.

¹Country of origin information not available.

Table 23.
Summary of Contested Trademark Cases

(Within the Patent and Trademark Office, as of September 30, 1997)

Activity	Ex parte	Cancellations	Concurrent use	Interference	Opposition	Total
Cases pending as of 9/30/96	1,611	1,817	80	-	5,547	9,055
Cases filed during FY 1997	1,949	1,531	38	-	5,016	8,534
Disposals during FY 1997, total	1,157	1,568	51	-	4,370	7,146
Before hearing	845	1,546	51	-	4,295	6,737
After hearing	312	22	-	-	75	409
Cases pending as of 9/30/97, total	2,403	1,780	67	-	6,193	10,443
Awaiting decision	185	20	2	-	512	58
In process before hearing ¹	2,218	1,760	65	-	6,142	10,185
Requests for extension of time to oppose						33,372

- Represents zero.

¹ Includes suspended cases. Ex parte number reflects an inventory adjustment based on new automated TRAM reports.

Table 24.
Actions on Petitions to the Commissioner of Patents and Trademarks

(FY 1993 - FY 1997)

Nature of petition	1993	1994	1995	1996	1997
PATENT MATTERS					
Actions on patent petitions, total	36,355	46,456	34,840	33,489	34,556
Acceptance of:					
Amendments filed after payment of issue fee	76	52	45	52	71
Late assignments	54	52	66	59	245
Late issue fees	893	1,068	908	878	685
Late priority papers	57	75	70	66	65
Access	63	82	1	9	17
Certificates of correction	21,040	26,268	16,502	15,564	16,691
Deferment of issue	32	45	23	26	24
Filing date	1,105	3,195	2,748	2,302	1,442
Interference	1	1	-	1	-
Make Special:					
Infringement/manufacture	210	151	158	28	1
Other	1,073	1,026	1,056	1,234	1,179
Miscellaneous ¹	2,653	3,323	2,731	2,639	4,554
Maintenance fees	752	942	780	822	970
Public use	3	4	7	5	9
Reexamination proceedings	74	90	71	62	42
Restriction	61	73	59	88	54
Revivals	3,322	4,173	4,144	3,315	2,826
Rule 47 (37 CFR 1.47)	279	590	306	530	407
Supervisory authority	879	567	598	967	551
Suspend rules	194	780	791	727	838
Withdrawal of attorney	567	635	659	786	669
Withdrawal from issue	662	603	635	680	761
Change of inventorship	520	849	829	778	323
Withdrawals of holding of aband./pat. lapse	1,785	1,812	1,653	1,871	2,132
TRADEMARK MATTERS					
Actions on trademark petitions, total	879	1,107	2,226	3,019	4,657
Affidavits of use and extensions	71	140	118	80	128
Decision by examiner	-	14	8	12	12
Filing date restoration ²	-	-	-	397	1,408
Grant application filing date	51	63	111	51	61
Inadvertently issued registrations ³	-	-	178	214	237
Interferences	2	1	-	1	1
Make special	30	52	92	116	104
Miscellaneous	16	-	12	10	28
Oppositions and extensions	18	13	13	20	15
Record documents affecting title	5	-	-	1	4
Reinstatements ⁴	-	-	700	1,175	1,501
Restore jurisdiction to examiner	5	11	12	46	1
Review board decisions	9	13	2	15	21
Revive	562	709	839	762	977
Sections 7 correction/amendment	10	20	7	7	10
Section 9 renewal	7	9	6	1	7
Section 8 or 15	52	37	32	36	70
Waive fees/refunds	41	25	96	75	72
PETITIONS AWAITING ACTION					
AS OF 9/30/97					
Patent matters ⁵	15,671	404	976	872	3,779
Trademark petitions awaiting response	202	60	36	25	56
Trademark petitions awaiting action	183	104	97	180	560

- Represents zero.

¹FY 1993 data includes petitions under Rule 28 (37 CFR 1.28).

²Not reported in previous years; for applications entitled to a particular filing date.

³Not reported in previous years; for applications inadvertently abandoned by the office.

⁴Not reported in previous years.

⁵FY 1993 data includes pending certificates of correction.

Table 25.
Cases in Litigation

(Selected Courts of the United States, as of September 30, 1997)

Item	Pat- ents	Trade- marks	Total
UNITED STATES DISTRICT COURTS			
Civil actions pending as of 9/30/96	15	1	16
Filed during FY 97	16	3	19
Disposals, total	15	1	16
Remanded	1	-	1
Dismissed	14	1	15
Civil actions pending as of 9/30/97, total	16	3	19
UNITED STATES COURTS OF APPEALS¹			
Ex parte cases:			
Cases pending as of 9/30/96	31	33	4
Cases filed during FY 97	44	12	56
Disposals, total	56	10	66
Affirmed	29	73	6
Modified	1	-	1
Reversed	4	-	4
Remanded	4	1	5
Dismissed	18	2	20
Ex parte cases pending as of 9/30/97, total	19	5	24
Inter partes cases:			
Cases pending as of 9/30/96	57	102	159
Cases filed during FY 97	6	8	14
Disposals, total	11	4	15
Affirmed	5	2	7
Reversed	-	1	1
Remanded	1	-	1
Dismissed	5	1	6
Inter partes cases pending as of 9/30/97, total	52	106	158
United States Courts of Appeals cases, pending as of 9/30/97, total	71	111	182
SUPREME COURT			
Ex parte cases:			
Cases pending as of 9/30/96	1	-	1
Cases filed during FY 97	2	-	2
Disposals, total	1	-	1
Certiorari denied	1	-	1
Cases pending as of 9/30/97, total	2	-	2

- Represents zero.

¹ Includes Federal Circuit and others.

Table 26.
**Notices to the PTO of Lawsuits
Involving Patents and Trademarks¹**

(Other jurisdictions - reported cases)

Month	Patent suits	Trademark suits
Total for FY 1997	1,530	1,560
October (1996)	106	104
November	90	87
December	122	134
January (1997)	126	119
February	127	78
March	120	129
April	161	188
May	110	107
June	127	78
July	116	211
August	159	154
September (1997)	166	171

¹Notices received pursuant to 35 U.S.C. 290 and 15 U.S.C. 1116 for both suits filed and decisions.

Table 27.
Patent Classification Activity

(FY 1993 - FY 1997)

Activity	1993	1994	1995	1996	1997
Reclassified patents clerically processed, total	670,388	502,247	695,955	499,101	417,866
Original patents professionally reclassified—completed projects	127,702	138,467	104,078	125,296	114,895
Subclasses established	6,358	5,056	4,364	5,091	6,789
Original U.S. patents	124,758	131,062	129,642	122,706	141,518
Cross-reference U.S. patents	262,400	232,143	271,478	245,412	234,370
Foreign patents	283,230	139,042	294,835	130,983	41,978

Table 28.
**Scientific and Technical Information
Center Activity**

(FY 1997)

Activity	1997
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Literature Collections and Services

Additions to the literature collections:

Books purchased	2,291
Journal subscriptions purchased	2,044
Journal issues received	50,883
CD-ROM products purchased	48
Microfilm backfiles purchased	1,029

Literature services provided:

Documents circulated	6,499
Interlibrary loans processed	57,292
On-line commercial data base searches	10,105
Sequence searches completed	6,485
Number of sequences searched	48,782
Reference questions completed	12,054

Foreign Document Collections and Services

Additions to the foreign patent document collections:

Microfilm reels	30
Microfiche	39,399
CD-ROM	2,260
Documents in paper form (unique)	212,066
Journals	3,558

Foreign document services provided:

Words of foreign material translated (written)	20,224,030
Documents orally translated	4,064

Copies of foreign patents provided:

Self-service copies (from FPAS CD-ROM)	83,247
Copies purchased by the public	5,385
Copies provided to PTO staff	17,180
Microfilm reels furnished for copying	72,877
On-line and manual searches complete	6,685
Reference questions completed	10,593
