

PATENT COUNTS BY CLASS BY YEAR

JANUARY 1977 -- DECEMBER 2005



September 2006
U.S. PATENT AND TRADEMARK OFFICE
ELECTRONIC INFORMATION PRODUCTS DIVISION / PTMB
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A TECHNOLOGY ASSESSMENT AND FORECAST REPORT

Background

Classes are major divisions of technology in the U.S. Patent Classification System (USPCS). Each class is further divided into smaller divisions of technology called subclasses. The USPCS currently contains approximately 470 total classes and 150,000 total subclasses. Copies of each patent are placed (classified) in those subclasses which have been identified as pertinent to the information disclosed in the patent. One, and only one, of these subclasses is designated as the "original classification" (OR), and the remainder (if any) are designated as "cross-reference classifications" (XR). The "original" classification of a patent may be considered to be its "primary" classification; this classification need not correspond to any classification that was assigned to the patent at the time of issue. Counting patents by "original" classifications will ensure that each patent is counted only once. However, if a patent teaches more than one concept, e.g., table and chair, only one concept, e.g., table, will be counted. To ensure that all concepts are counted, patents should be counted in all of their classifications. Patent classifications used to produce this report are those assigned to patents as of **December 31, 2005**.

This report counts all patent documents including utility, design, plant, and reissue patents as well as statutory invention registrations and defensive publications.

Part I

Part I (OR's only) considers only the original classification of each patent. If the patent record is incomplete and contains no OR designation, the patent is counted in "dummy" class 1 or "dummy" design Class D00.

Part II

Part II (OR's + XR's, Duplicates Eliminated) looks at original and cross-reference classifications. Duplicate counts are eliminated within each class, but not among classes. For example, the same patent could be counted in Class 2 and Class 4 if it contained disclosure relating to both classes. If the patent record contains no classification data, the patent is counted in "dummy" Class 1 or "dummy" design Class D00.

PART I

PATENT COUNTS BY CLASS BY YEAR

ORIGINAL CLASSIFICATIONS ONLY

1/1/1977-12/31/2005

PATENTS GRANTED BY CLASS BY YEAR (ORs only)

1977-

CLASS	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
001	4	0	0	0	0	0	0	0	2	0	0	1	0	0	2	0	0	0	0	1	1	12	23
002	1180	213	222	296	210	285	243	394	341	232	259	269	384	426	508	601	568	550	496	338	408	341	8764
004	1185	172	165	151	184	218	272	287	221	249	290	230	198	218	311	409	327	351	399	329	309	231	6706
005	1078	157	179	271	227	256	295	320	338	268	237	268	335	298	312	314	353	343	333	373	403	389	7347
007	124	14	23	20	17	28	21	33	21	34	25	14	28	25	31	40	41	46	39	33	38	39	734
008	1747	184	162	171	202	245	172	194	176	201	202	188	211	159	228	310	239	187	194	243	212	136	5963
012	179	26	22	25	12	17	21	14	11	14	13	7	11	10	14	20	6	11	6	9	9	4	461
014	166	24	22	40	20	27	31	32	22	25	35	44	41	30	39	40	32	28	53	38	49	34	872
015	2040	296	257	315	341	370	338	366	338	314	446	432	446	394	544	600	620	506	446	500	425	351	10685
016	780	87	73	165	154	217	117	177	135	132	130	148	179	164	216	202	227	199	270	259	215	191	4437
019	429	86	43	66	49	76	87	122	65	54	68	66	54	54	46	45	58	65	52	42	22	20	1669
023	130	14	13	12	6	4	11	5	15	10	19	12	5	5	13	7	14	10	11	8	5	11	340
024	1288	208	185	233	176	220	256	257	243	210	225	236	227	293	289	299	276	306	357	322	205	144	6455
026	133	15	16	19	13	20	28	17	18	12	11	26	20	17	23	25	14	12	7	9	7	8	470
027	63	4	6	5	9	11	15	11	14	13	13	14	16	28	24	20	23	23	12	25	15	12	376
028	345	45	26	36	32	42	77	59	53	39	64	60	38	47	39	45	54	44	51	45	46	23	1310
029	4875	756	915	982	894	1044	830	992	980	1050	960	878	923	975	1203	1121	1254	1377	1256	1472	1398	1244	27379
030	1513	192	250	245	186	299	286	339	237	202	221	213	234	228	276	304	291	282	306	299	276	221	6900
033	2045	375	356	307	232	272	364	363	335	250	235	320	245	195	255	213	318	341	407	386	374	398	8586
034	1225	207	161	196	151	151	152	183	189	199	201	167	249	229	241	284	349	234	256	184	202	193	5603
036	825	126	168	180	158	171	193	148	112	141	165	160	146	177	258	258	227	202	194	186	217	196	4608
037	679	48	55	66	64	94	75	88	94	82	50	85	103	79	101	112	122	108	139	108	115	103	2570
038	163	25	30	29	20	29	25	33	22	12	38	29	32	37	34	33	38	30	36	23	36	20	774
040	1310	142	109	182	199	242	189	194	132	145	197	189	176	187	214	240	265	262	249	312	246	203	5584
042	620	84	103	113	93	120	136	154	100	93	108	139	108	144	149	136	87	164	189	195	155	120	3310
043	1239	177	220	290	262	410	281	253	263	284	273	212	274	176	184	346	292	206	243	296	222	195	6598
044	968	154	122	122	113	129	84	92	81	86	103	96	105	79	100	105	119	98	77	112	89	46	3080
047	819	75	94	84	109	138	140	152	141	130	162	173	178	130	143	192	236	200	222	206	128	103	3955
048	557	56	48	52	39	62	62	22	19	23	12	34	23	42	44	28	19	24	7	21	35	27	1256
049	962	132	182	192	121	194	186	204	148	167	166	174	176	139	176	182	236	194	191	168	187	141	4618
051	272	41	27	35	34	51	57	62	86	89	58	51	69	73	42	52	45	70	77	82	71	41	1485
052	4166	559	776	771	614	776	715	691	608	644	691	619	752	831	1002	987	1016	1141	981	857	775	683	20655
053	1669	356	388	358	305	369	362	401	337	301	278	418	391	436	538	394	455	387	359	418	424	378	9722
054	78	15	16	10	14	16	17	24	25	16	19	16	15	12	27	12	31	24	33	35	31	13	499
055	719	90	83	94	73	98	98	98	118	114	64	77	96	103	184	152	170	172	190	169	177	150	3289
056	1409	167	129	172	183	191	244	216	176	176	172	198	158	116	214	238	229	182	205	201	178	199	5353
057	1360	187	195	203	152	161	149	69	133	113	142	111	109	111	162	116	107	132	98	61	66	50	3987
059	157	15	15	16	12	23	15	16	19	20	23	20	12	20	27	27	23	41	28	29	24	27	609
060	4014	502	412	534	555	554	522	519	644	634	644	620	503	537	710	672	740	1025	974	944	951	949	18159
062	3028	552	461	518	517	582	574	583	572	710	653	636	632	685	791	902	884	1045	1098	1022	813	660	17918
063	131	22	21	17	35	31	26	37	48	34	28	36	42	55	40	33	41	36	56	52	43	26	890
065	1766	239	215	233	232	277	220	207	234	175	174	101	118	200	234	251	175	194	200	202	223	124	5994
066	649	92	84	95	86	90	35	86	71	80	74	69	94	73	73	89	141	128	71	70	82	81	2413
068	465	61	33	50	60	63	60	63	50	70	62	62	70	80	112	111	69	49	79	72	29	33	1803
069	71	7	4	3	5	6	3	7	1	2	1	0	2	3	1	2	2	1	1	1	4	7	134
070	1179	139	163	249	200	262	223	239	171	189	182	210	201	242	338	319	248	211	285	309	222	212	5993
071	385	72	44	27	33	35	31	37	53	38	40	61	44	59	58	42	39	62	64	23	27	14	1288
072	2870	383	423	363	392	396	376	384	326	326	325	277	325	389	470	500	435	450	343	350	322	259	10684
073	7740	1211	1141	1098	1016	1287	1205	1154	1070	1125	1372	1356	1463	1347	1653	1528	1517	1575	1684	2055	1727	1779	37103
074	2653	436	439	468	464	557	487	438	514	594	409	373	490	425	618	626	613	604	561	492	410	356	13027

PATENTS GRANTED BY CLASS BY YEAR (ORs only)

1977-																							
CLASS	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
075	1852	221	215	197	246	211	236	202	192	227	223	245	175	150	199	247	231	274	288	235	189	131	6386
076	219	24	32	32	31	39	16	41	38	23	27	44	28	24	23	19	31	21	19	22	15	10	778
079	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	7
081	961	180	174	141	213	233	201	211	185	187	197	142	193	130	184	285	352	407	293	228	256	310	5663
082	527	55	97	98	62	79	67	82	74	63	54	33	41	64	73	82	68	75	55	109	50	45	1953
083	2008	310	291	309	206	246	259	308	282	259	235	183	157	177	301	337	314	286	204	264	320	210	7466
084	1875	197	175	263	173	222	251	239	252	299	305	343	323	273	342	417	381	347	306	277	274	234	7768
086	123	18	16	15	16	20	18	18	19	18	17	16	10	14	21	10	11	16	15	15	7	14	447
087	49	12	11	5	16	10	13	8	8	7	9	11	6	6	13	15	7	8	11	9	5	2	241
089	811	110	120	185	122	156	181	152	159	129	134	134	80	111	123	108	83	124	118	126	117	87	3470
091	1126	140	106	139	160	140	122	107	133	122	92	67	87	77	111	77	80	92	104	81	92	69	3324
092	480	96	91	114	125	142	105	135	90	93	101	101	93	111	141	136	99	153	160	144	113	105	2928
095	908	122	104	135	167	164	153	163	180	152	122	134	136	132	205	216	205	227	272	276	218	166	4557
096	876	128	100	160	122	125	125	122	112	108	92	97	111	124	138	133	126	130	168	159	142	116	3514
099	1157	171	150	211	201	202	220	201	210	254	234	309	279	320	306	352	332	332	277	278	247	173	6416
100	903	111	75	92	105	72	54	107	115	117	113	99	103	103	135	105	82	82	56	129	105	82	2945
101	1840	238	221	221	207	271	264	302	327	309	319	339	357	366	527	447	431	385	438	548	581	334	9272
102	1162	140	162	258	209	231	215	261	203	197	182	180	155	143	155	132	121	216	192	213	151	137	5015
104	617	62	83	94	90	91	122	92	96	81	71	82	86	102	73	52	65	92	105	84	57	47	2344
105	548	62	68	85	58	71	70	78	82	72	69	78	77	71	91	55	65	99	91	81	50	67	2088
106	2218	218	209	262	283	287	264	344	426	376	483	406	394	415	555	517	427	428	474	489	490	313	10278
108	549	60	64	86	75	130	89	73	97	76	145	138	167	158	159	176	190	152	155	149	159	111	3158
109	156	21	21	38	18	22	20	12	8	18	12	11	12	22	21	16	11	7	12	14	8	12	492
110	717	144	137	124	152	132	154	144	124	108	137	80	104	121	143	82	93	119	92	50	69	79	3105
111	296	23	50	38	43	25	44	36	30	26	38	41	55	47	38	59	59	68	48	66	58	47	1235
112	1573	243	226	262	164	197	160	214	171	143	127	134	178	156	181	188	157	146	87	65	111	92	4975
114	1536	228	196	317	251	286	283	294	255	239	259	268	271	256	257	277	336	318	274	291	258	322	7272
116	527	42	57	46	47	73	67	87	58	63	81	58	57	52	39	51	59	66	75	65	73	60	1803
117	508	84	95	100	77	98	102	88	108	129	151	177	138	127	203	236	227	191	187	179	192	177	3574
118	1381	227	198	229	152	231	246	269	271	290	273	323	369	375	408	431	554	545	487	448	370	304	8381
119	1281	194	150	158	187	210	257	311	310	277	291	248	279	283	456	391	357	356	437	434	298	304	7469
122	660	112	93	121	89	112	101	76	56	68	99	47	59	35	86	82	82	82	82	86	65	64	2357
123	7089	1273	924	1084	956	1076	1116	1196	1154	1082	843	864	1076	1108	1294	1240	1397	1752	1777	1745	1664	1624	33334
124	375	50	62	77	61	87	70	79	77	84	92	108	104	138	106	109	101	82	79	114	138	81	2274
125	183	34	22	32	25	31	45	21	28	36	24	20	24	31	41	47	68	64	61	39	38	47	961
126	3316	333	268	258	210	225	240	198	144	149	167	169	139	143	162	230	224	184	122	164	166	154	7365
127	243	30	25	25	26	36	19	31	30	20	25	23	22	18	32	47	21	26	25	12	15	6	757
128	1132	158	194	230	151	339	306	365	294	324	390	389	494	522	653	558	588	481	522	573	521	411	9595
131	955	141	166	157	138	146	157	164	174	94	83	90	91	92	129	80	89	61	67	73	92	45	3284
132	553	78	125	89	73	92	107	134	118	103	130	96	136	140	244	322	239	188	169	157	102	66	3461
134	1035	129	131	159	208	256	205	270	262	270	317	322	303	322	433	550	438	463	514	554	391	302	7834
135	270	37	49	47	63	107	75	62	74	86	126	90	95	105	131	111	122	186	134	93	123	82	2268
136	658	88	85	105	71	53	57	71	63	72	76	91	85	65	72	118	173	203	179	147	113	57	2702
137	4395	721	606	693	588	735	676	698	678	662	623	581	555	540	746	903	948	1020	722	673	686	693	19142
138	926	86	102	125	103	112	84	105	75	81	111	127	113	110	172	240	275	217	177	157	135	153	3786
139	900	138	120	125	107	125	128	142	124	100	110	119	100	98	109	89	137	156	97	41	67	95	3227
140	302	29	35	38	28	22	31	27	35	29	25	26	33	33	37	33	31	26	21	28	19	8	896
141	1057	146	156	184	110	177	176	173	184	217	255	209	228	215	237	298	251	347	312	289	335	268	5824
142	16	5	5	1	1	1	3	3	5	1	1	1	3	2	1	5	2	2	0	1	0	0	59
144	826	105	111	99	102	123	121	106	130	87	109	101	80	91	107	139	133	111	111	121	72	53	3038

PATENTS GRANTED BY CLASS BY YEAR (ORs only)

CLASS	1977-																						TOTAL
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
147	1	0	0	1	0	1	0	0	0	0	0	1	0	0	1	0	0	4	0	0	0	0	9
148	1888	242	250	243	280	352	313	318	379	386	367	378	339	293	392	408	403	469	480	469	345	228	9222
149	486	51	36	54	33	51	65	77	31	27	20	52	82	46	56	42	73	57	43	61	45	62	1550
150	76	6	8	11	14	17	23	18	21	21	19	15	15	10	20	17	28	23	18	23	15	9	427
152	915	78	88	116	131	146	127	116	116	160	160	135	104	125	142	130	178	170	233	224	169	150	3913
156	4605	622	566	654	673	789	766	656	695	767	758	806	751	887	1060	1128	1070	1074	1060	1192	1050	748	22377
157	108	13	16	9	19	20	11	20	15	18	10	8	7	5	5	7	15	23	8	14	7	12	370
159	200	19	18	16	13	13	13	14	28	26	10	12	11	5	14	9	8	5	8	3	7	14	466
160	577	84	63	109	102	161	123	158	170	123	122	125	159	165	173	171	244	212	172	187	194	168	3762
162	1145	178	115	114	153	192	230	189	226	215	206	224	269	296	330	287	325	423	428	309	271	192	6317
163	2	5	1	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	15
164	1391	257	303	300	260	248	251	260	187	258	260	175	196	200	225	244	162	205	261	290	201	218	6352
165	2268	326	339	368	314	355	319	351	316	307	335	253	301	266	346	380	370	420	373	345	417	424	9493
166	2444	400	425	530	359	437	378	402	400	417	528	406	308	248	386	424	518	632	525	596	648	514	11925
168	35	6	8	5	9	7	6	14	14	12	9	2	7	9	8	6	12	10	16	10	10	6	221
169	266	30	44	52	29	44	43	53	63	45	33	32	59	56	67	88	96	49	52	45	49	49	1344
171	96	8	8	7	5	10	13	8	5	8	6	8	5	5	6	2	7	4	5	6	5	4	231
172	1138	138	107	96	69	136	107	86	83	75	82	109	110	94	134	111	131	127	100	87	97	91	3308
173	572	69	66	78	61	100	53	77	86	46	65	53	57	54	76	86	99	91	66	90	115	104	2164
174	1529	234	186	253	235	291	223	288	243	337	375	404	361	318	489	416	516	914	954	791	751	682	10790
175	1141	200	181	199	168	206	169	191	184	160	223	170	181	154	214	233	270	306	276	261	229	203	5519
177	623	136	124	127	97	142	76	64	89	90	75	41	36	60	111	92	57	69	84	87	94	65	2439
178	243	29	35	65	37	48	27	39	32	32	26	41	55	40	36	32	10	14	11	11	14	5	882
180	2071	315	351	438	407	430	351	419	355	327	340	215	303	200	357	416	457	494	536	581	509	576	10448
181	892	91	126	125	122	162	125	118	109	113	98	112	111	101	154	173	172	126	152	179	144	126	3631
182	775	132	147	147	126	125	133	151	169	83	138	104	97	104	151	191	162	130	166	129	153	138	3651
184	252	30	29	30	44	41	75	69	54	71	54	53	59	42	52	44	60	69	66	61	41	39	1335
185	34	2	7	9	4	5	5	0	3	5	3	5	0	4	3	5	4	3	6	2	4	2	114
186	48	5	7	4	7	5	9	11	20	10	8	9	13	9	12	9	10	6	7	17	10	3	239
187	505	97	61	98	91	61	64	125	106	114	123	101	120	111	154	182	116	132	171	102	70	67	2771
188	1563	209	230	225	224	300	197	227	236	212	238	275	295	203	254	307	295	482	447	315	251	290	7275
190	120	19	16	18	28	31	19	24	42	24	26	37	37	31	37	38	39	47	39	47	23	26	768
191	131	7	13	16	11	12	9	17	16	20	16	10	13	21	19	15	14	35	23	15	13	14	460
192	1540	246	340	344	194	281	304	327	289	179	162	177	245	280	266	393	359	275	298	326	297	225	7347
193	165	18	17	23	16	14	18	25	18	20	13	14	9	11	4	26	26	35	28	17	16	11	544
194	312	54	41	38	34	59	41	57	56	60	68	89	83	51	56	84	81	66	34	56	45	52	1517
196	53	6	5	4	5	2	3	6	4	5	3	2	2	4	5	2	4	1	1	0	0	0	117
198	2060	304	287	357	355	405	387	425	468	389	423	327	304	282	321	422	421	525	475	486	414	314	10151
199	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
200	2524	315	258	309	283	293	277	263	208	233	259	239	251	249	389	363	345	275	325	385	418	359	8820
201	282	15	12	14	6	11	9	7	10	1	6	13	5	14	12	3	5	3	1	3	3	4	439
202	535	55	42	37	35	31	38	28	27	44	32	36	29	31	31	35	24	25	21	26	21	18	1201
203	575	60	65	70	50	54	79	56	86	83	62	80	62	68	84	74	48	40	71	43	33	36	1879
204	3238	381	414	391	332	506	460	377	493	466	531	488	421	425	478	546	691	723	682	608	520	408	13579
205	2963	334	340	328	284	327	326	282	343	338	346	329	294	285	277	350	334	468	392	349	352	241	9882
206	2938	404	396	516	539	699	623	588	571	597	654	630	631	614	853	872	804	685	617	561	486	530	15808
208	2636	354	284	239	253	314	293	274	207	206	280	183	126	134	153	256	207	193	169	152	146	106	7165
209	1629	199	172	178	213	226	187	178	183	198	187	182	166	159	166	221	220	227	175	160	184	146	5556
210	5218	610	674	869	923	1091	1019	1136	1283	1204	957	1043	1119	1115	1164	1166	1176	1232	1057	1001	1003	897	26957
211	862	149	178	166	184	175	206	239	248	232	246	185	234	258	332	303	321	309	300	293	251	226	5897

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1977- CLASS	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
212	289	58	38	56	37	28	32	36	42	30	16	26	24	44	47	37	51	38	30	53	22	14	1048
213	124	7	19	12	6	5	14	14	28	11	14	14	27	14	15	14	13	22	14	5	14	5	411
215	890	174	155	161	203	201	145	162	153	126	122	156	122	133	186	197	165	135	117	102	93	91	3989
216	465	87	94	93	85	124	139	142	137	229	205	208	158	193	238	230	217	225	247	259	230	197	4202
217	28	1	5	5	4	4	2	0	2	1	5	2	2	0	5	5	3	1	1	1	0	2	79
218	550	90	62	88	59	46	45	44	50	34	39	26	52	34	79	55	47	65	60	48	57	33	1663
219	4015	765	617	760	644	805	743	685	670	691	720	639	601	557	838	955	1162	1131	1121	1046	1085	950	21200
220	1984	266	295	294	341	450	446	402	406	412	393	377	383	347	453	514	481	489	401	283	285	230	9932
221	642	83	86	97	78	100	96	123	116	114	110	119	127	85	135	144	152	174	141	184	152	98	3156
222	2617	357	350	394	378	485	539	573	535	510	573	520	465	437	557	790	629	649	642	448	470	420	13338
223	243	36	47	47	32	31	44	71	60	31	30	49	53	73	61	82	94	85	51	36	55	44	1355
224	889	88	74	95	163	204	199	208	158	206	203	256	260	267	319	302	246	295	252	226	225	141	5276
225	257	35	35	35	30	29	25	40	56	36	36	32	31	23	36	35	21	26	29	37	37	30	951
226	570	36	50	47	57	84	47	35	37	47	60	42	33	35	80	58	47	51	53	43	26	18	1556
227	490	91	128	99	83	105	70	90	80	70	78	93	106	123	126	110	124	94	83	120	148	133	2644
228	869	143	206	203	204	275	197	235	278	299	273	241	203	203	181	259	371	385	328	301	304	256	6214
229	1088	115	124	143	184	205	204	227	184	190	221	186	162	141	200	199	191	188	153	118	58	97	4578
231	5	2	0	1	1	1	0	2	0	0	0	0	0	1	0	0	4	0	1	0	0	0	18
232	136	23	11	26	34	35	34	29	27	16	17	38	22	23	25	28	19	23	18	21	25	27	657
234	19	1	2	2	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	3	2	35
235	982	135	149	166	202	319	193	234	239	316	311	365	350	319	445	566	599	515	597	796	814	618	9230
236	698	101	69	90	62	81	70	55	61	93	78	59	56	45	67	87	80	82	86	75	68	59	2222
237	296	33	43	45	28	28	42	28	26	32	25	19	23	24	49	45	46	38	39	39	31	23	1002
238	229	17	23	24	31	28	34	20	36	14	17	20	27	20	31	14	22	32	36	24	23	13	735
239	2344	312	341	358	351	394	397	383	387	398	421	340	306	354	531	574	639	479	498	537	633	513	11490
241	1301	168	236	256	222	225	226	217	199	247	236	225	249	218	245	281	212	174	198	216	156	148	5855
242	2920	468	377	434	483	474	448	377	339	447	549	367	445	421	574	536	528	442	506	463	367	338	12303
244	1554	195	224	330	294	287	251	350	391	294	283	238	223	213	404	386	435	446	449	440	428	346	8461
245	12	0	0	2	1	0	1	1	0	1	0	0	0	0	1	0	1	3	0	0	0	1	24
246	172	12	12	20	20	16	23	21	27	26	29	33	38	37	45	16	31	33	37	37	24	16	725
248	2195	354	379	504	425	563	610	710	664	491	537	492	490	493	753	723	803	684	798	741	496	403	14308
249	564	67	48	75	72	74	45	35	41	39	28	31	35	45	50	39	35	54	45	45	61	39	1567
250	4148	651	767	1101	1009	1308	1271	1369	1233	1103	1198	1143	1029	908	1153	1056	1063	1317	1513	1755	1868	1554	29517
251	1421	274	206	246	198	239	267	218	261	245	250	166	178	167	244	286	341	244	254	284	326	367	6682
252	2374	408	335	369	349	409	407	522	546	542	535	502	532	502	666	654	601	510	431	552	526	322	12594
254	905	126	103	111	97	124	91	78	114	130	91	72	85	99	100	144	150	135	138	162	116	124	3295
256	274	38	28	43	35	44	47	36	39	39	34	38	45	54	51	49	62	69	46	73	57	63	1264
257	2100	321	409	547	484	753	958	1242	1119	1006	1385	1365	1543	1622	2418	2622	2714	2975	3579	4293	4694	4287	42436
258	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
260	21	1	1	1	1	1	0	2	4	8	6	3	1	3	4	0	3	10	2	2	2	2	78
261	1145	131	89	87	94	100	102	98	101	86	67	75	101	92	86	111	119	136	130	124	121	78	3273
264	4796	569	539	483	610	817	812	906	1018	997	750	806	772	891	1113	995	975	998	886	1001	988	659	22381
266	1151	95	131	116	123	125	108	130	117	111	145	120	87	79	75	86	92	92	88	94	69	43	3277
267	448	71	113	157	200	209	143	123	145	146	124	107	117	110	121	149	158	184	221	176	109	82	3413
269	616	100	86	109	85	134	115	80	107	85	74	57	82	64	104	127	137	123	122	122	95	86	2710
270	232	72	51	38	60	42	68	95	99	52	55	63	60	63	68	34	33	61	45	52	66	32	1441
271	1167	194	221	233	178	233	230	342	383	351	287	261	229	241	202	324	319	358	289	379	251	219	6891
273	1750	216	156	197	183	283	278	284	295	258	338	337	312	326	360	311	293	312	322	302	218	190	7521
276	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
277	1487	216	181	149	146	202	123	192	183	188	165	134	240	212	182	227	258	326	296	263	249	206	5825

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CLASS	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
278	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	5
279	248	43	53	51	34	40	30	47	47	49	61	52	38	26	57	72	47	71	55	76	37	57	1291
280	3910	491	602	649	621	694	683	817	698	795	929	926	1012	817	1116	1185	1397	1500	1378	1155	1148	1111	23634
281	113	28	43	38	30	48	48	43	42	55	37	45	37	46	51	71	54	48	34	19	24	17	971
283	163	46	58	58	43	73	74	87	85	88	97	100	75	79	120	138	125	117	76	56	68	34	1860
285	1501	228	300	337	223	310	257	258	319	250	324	265	253	189	299	315	287	292	346	294	229	252	7328
289	61	11	11	6	7	7	4	4	2	2	1	1	5	9	3	7	5	10	7	10	7	4	184
290	567	84	43	60	55	59	35	31	42	22	34	34	17	26	65	54	83	108	106	98	168	183	1974
291	8	1	1	0	4	0	3	0	1	0	0	0	3	0	0	0	1	0	1	2	1	5	31
292	1009	122	141	194	144	205	241	255	220	148	113	134	211	196	184	189	235	125	242	238	162	160	4868
293	194	16	18	37	22	24	33	32	38	26	21	19	15	22	30	28	32	61	53	58	69	74	922
294	1115	140	157	194	176	174	147	141	165	169	170	165	183	181	239	210	241	195	211	153	81	92	4699
295	24	2	2	5	2	1	3	4	1	1	1	0	4	4	0	9	2	3	4	5	4	1	82
296	1322	168	196	298	266	325	371	392	320	290	278	238	317	285	433	538	622	792	727	759	781	730	10448
297	1351	240	279	346	300	353	262	273	299	233	457	344	460	447	540	591	652	490	556	639	629	480	10221
298	120	9	10	12	9	13	10	14	11	14	11	20	20	7	17	11	21	25	16	27	24	17	438
299	1026	92	76	100	75	78	73	56	78	55	39	43	40	45	39	39	45	56	53	45	36	36	2225
300	21	2	8	10	10	11	13	7	15	9	9	13	12	15	12	12	5	12	12	13	12	8	241
301	301	36	42	46	46	46	56	63	62	49	59	48	75	56	79	86	121	128	131	119	98	78	1825
303	861	80	120	181	196	210	159	170	176	223	218	220	217	191	216	231	274	302	248	187	132	142	4954
305	213	19	24	21	12	33	18	15	17	15	20	22	14	18	34	31	41	44	51	46	28	31	767
307	998	106	98	191	197	188	99	104	117	178	138	164	222	274	320	386	326	276	288	318	302	142	5432
310	2499	356	361	500	402	494	440	489	508	491	480	432	427	492	864	873	908	998	987	877	1364	1105	16347
312	1095	77	143	128	151	158	136	149	170	195	162	213	193	191	235	262	272	207	247	218	208	174	4984
313	1800	236	276	323	356	388	340	337	292	269	206	299	397	376	607	610	556	601	728	1030	915	692	11634
314	4	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7
315	2189	288	257	385	299	290	409	480	364	320	332	401	357	305	453	472	539	617	730	750	644	517	11398
318	2417	401	337	447	361	392	445	427	415	468	420	423	468	419	665	622	634	586	580	528	564	558	12577
320	368	41	71	96	52	50	32	58	105	122	110	102	149	267	245	323	361	397	355	297	251	209	4061
322	294	27	29	49	32	27	32	44	35	42	36	18	55	53	62	37	49	50	38	37	62	36	1144
323	769	106	142	184	118	144	132	110	136	110	130	168	197	260	267	311	305	334	326	292	275	292	5108
324	3077	514	542	840	799	1032	862	875	922	876	829	1023	1244	985	986	939	1181	1479	1907	1849	1837	1698	26296
326	536	122	149	213	177	233	222	310	321	237	285	351	368	304	329	357	535	584	585	497	545	507	7767
327	2254	320	359	443	362	442	379	450	540	393	531	642	717	597	987	1093	1219	1408	1453	1258	1205	1067	18119
329	187	55	71	28	28	53	29	27	39	17	30	42	28	31	36	30	36	32	17	24	27	17	884
330	1353	272	197	169	214	228	189	245	251	195	269	252	208	209	266	354	426	451	477	552	589	478	7844
331	846	162	209	158	122	173	151	161	186	127	158	173	169	176	228	220	268	299	223	345	356	293	5203
332	136	44	30	22	21	31	21	33	36	21	33	48	39	24	41	35	27	32	25	38	21	21	779
333	1530	189	220	264	241	214	185	256	248	204	265	235	218	214	339	346	358	309	471	589	537	514	7946
334	77	5	4	4	1	3	4	0	0	2	2	1	0	0	4	4	1	2	4	2	1	3	124
335	1081	194	173	206	146	172	159	179	155	154	195	156	179	151	123	220	193	222	202	204	243	245	4952
336	449	79	52	51	49	73	53	49	41	55	68	66	76	48	110	102	127	136	179	203	184	243	2493
337	680	102	62	84	56	78	69	53	72	63	46	31	39	69	99	105	64	48	76	106	81	38	2121
338	752	91	56	139	110	112	104	84	92	106	49	67	63	86	118	103	100	105	80	52	50	2629	
340	3490	490	525	695	577	885	703	674	631	659	673	844	967	1076	1390	1395	1545	1432	1308	1101	1485	1491	24036
341	952	191	248	191	178	247	285	296	259	291	250	312	319	473	568	442	460	645	768	725	720	654	9474
342	1531	164	210	274	196	252	271	315	322	301	354	341	418	300	404	460	500	529	593	575	590	420	9320
343	1059	141	138	185	208	264	171	184	178	234	207	217	262	250	306	555	608	759	779	599	612	781	8697
345	1147	190	205	374	334	438	385	401	419	533	703	760	904	1053	1665	1569	1635	1874	1866	1881	2167	2004	22507
346	509	88	68	59	83	70	75	45	53	49	61	33	20	9	17	22	22	12	12	5	2	4	1318

PATENTS GRANTED BY CLASS BY YEAR (ORs only)

	1977-																							
CLASS	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL	
347	1309	325	317	368	371	407	437	347	451	470	410	500	597	596	1049	1028	1414	1757	1881	1717	1581	1338	18670	
348	2877	590	658	900	639	765	722	823	822	839	961	940	1042	860	1156	1097	1036	1015	1052	1070	1279	1098	22241	
349	460	98	93	172	161	207	176	206	273	237	244	257	385	375	601	509	653	622	628	859	1007	993	9216	
351	575	95	100	126	146	220	171	170	159	167	150	202	202	196	278	324	313	296	261	315	311	244	5021	
352	409	27	24	29	9	11	23	28	25	15	10	12	21	23	18	26	21	20	18	26	36	21	852	
353	417	27	37	41	39	33	61	43	51	66	72	87	84	95	113	97	101	133	212	257	305	268	2639	
355	1235	157	210	211	191	251	293	280	219	126	159	151	95	191	224	252	226	321	270	299	366	345	6072	
356	2645	431	440	728	536	611	526	631	613	590	665	767	708	729	1050	985	1035	708	885	1262	1219	1099	18863	
358	800	180	202	338	287	401	448	414	474	525	630	586	724	635	915	780	744	677	717	791	825	915	13008	
359	3219	499	515	663	663	797	822	877	958	864	754	753	1064	1120	1604	1563	1652	1776	1846	1914	2088	2013	28024	
360	2496	429	535	726	610	844	596	694	629	705	764	781	702	754	1121	1143	1212	1120	1200	1251	1471	1133	20916	
361	3074	512	477	646	625	770	657	593	789	715	702	854	971	852	1387	1292	1390	1610	1938	1893	1857	1454	25058	
362	1834	288	295	319	391	457	463	517	516	401	431	539	531	536	649	670	882	968	980	1089	922	959	14637	
363	1119	148	188	317	217	278	232	217	195	177	217	222	259	375	403	511	459	489	488	359	308	292	7470	
365	1738	234	313	355	384	518	465	496	368	629	1014	922	1009	1137	1513	1759	1929	1980	1967	1955	2006	2019	24710	
366	1311	186	141	136	170	218	190	136	112	142	193	175	225	160	213	214	204	243	191	205	182	164	5111	
367	1141	150	147	253	188	288	330	265	264	225	207	189	228	173	222	166	193	150	134	134	143	147	5337	
368	1503	124	83	140	125	124	105	136	109	139	134	100	113	117	145	140	132	183	158	168	166	125	4269	
369	1257	264	180	240	269	394	277	414	539	599	555	641	720	722	926	790	792	832	866	933	938	741	13889	
370	1207	312	269	354	341	397	407	353	418	522	737	866	1035	907	1229	1515	1832	1941	2241	2590	2930	2754	25157	
372	1038	168	215	300	365	497	404	435	419	447	560	412	351	353	504	466	473	454	442	702	863	604	10472	
373	492	53	78	81	38	42	27	21	35	58	45	51	55	27	36	72	56	36	42	30	29	14	1418	
374	732	121	131	100	108	146	95	126	151	137	125	59	61	127	193	98	176	138	138	150	143	159	3414	
375	1073	218	275	316	284	438	346	439	475	519	610	717	857	869	1241	1245	1345	1358	1462	1576	1676	1567	18906	
376	1425	138	228	432	298	278	200	246	297	299	294	185	171	137	185	156	82	115	110	110	93	84	5563	
377	710	102	75	109	53	83	69	88	89	75	74	80	53	45	53	52	66	45	65	31	40	53	2110	
378	1413	158	169	219	186	261	263	323	285	258	218	278	313	275	316	270	379	534	600	453	430	466	8067	
379	1806	268	323	362	371	456	415	351	329	357	495	648	738	620	1046	1105	920	968	995	1064	1302	939	15878	
380	328	41	68	92	74	101	109	116	113	140	135	137	141	171	236	158	236	206	167	98	167	241	3275	
381	1143	154	145	173	148	204	166	186	182	223	205	257	287	331	510	326	362	278	321	400	493	369	6863	
382	604	158	158	202	237	290	311	475	439	429	417	407	547	654	1320	1353	1245	1413	1241	1625	1782	1362	16669	
383	290	52	60	69	93	116	93	101	75	80	85	65	68	61	89	117	134	133	100	81	67	82	2111	
384	1417	238	217	236	199	239	252	246	221	215	208	227	258	196	258	266	268	311	305	299	266	240	6582	
385	1247	196	181	447	618	584	548	684	646	613	579	563	573	675	863	838	867	1323	1616	1915	2007	1915	19498	
386	619	155	124	191	214	234	148	147	180	183	160	179	277	225	334	338	310	334	375	346	363	265	5701	
388	274	32	44	42	29	40	29	22	13	15	24	21	20	19	16	21	21	10	15	8	13	5	733	
392	374	58	59	75	61	72	61	62	71	76	79	71	55	66	91	117	131	129	108	80	87	119	2102	
396	3451	400	305	394	367	421	457	478	450	487	531	483	694	752	967	728	673	522	571	475	439	218	14263	
398	263	75	59	103	102	120	109	151	137	120	225	212	261	200	298	338	292	337	403	408	392	307	4912	
399	1839	332	368	373	349	451	532	636	662	690	690	639	905	733	1069	1082	961	936	944	928	973	896	16988	
400	1341	237	245	268	269	325	252	317	295	240	208	238	256	222	321	329	307	243	263	268	288	263	6995	
401	460	82	91	80	98	105	151	182	110	102	118	87	75	67	122	263	225	296	238	199	202	182	3535	
402	108	17	28	24	26	35	33	41	29	30	29	29	25	38	51	47	52	47	36	33	31	22	811	
403	1360	176	231	233	156	177	259	231	221	183	159	170	223	253	270	199	242	293	294	271	240	159	6000	
404	506	69	101	120	97	130	121	137	107	145	128	137	138	103	108	147	141	115	152	149	155	126	3132	
405	2181	255	275	421	278	347	350	390	333	382	287	270	366	269	388	352	290	292	344	333	301	251	8955	
406	544	65	59	55	57	76	57	69	57	58	25	22	51	35	42	31	49	65	68	48	30	21	1584	
407	274	39	59	53	30	36	47	76	61	70	39	26	40	49	77	83	84	72	39	77	81	63	1475	
408	639	96	124	119	109	110	117	141	125	111	129	105	83	101	150	170	95	130	86	104	61	81	2986	
409	415	87	119	119	109	112	105	97	88	82	87	71	66	91	108	117	115	91	106	97	86	86	2454	

PATENTS GRANTED BY CLASS BY YEAR (ORs only)

CLASS	1977-																						TOTAL
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
410	319	34	30	38	51	49	39	62	42	29	39	52	47	38	61	71	97	88	80	95	103	80	1544
411	825	91	97	179	181	233	224	188	201	183	165	157	171	185	228	196	202	194	176	155	179	142	4552
412	62	21	10	15	12	13	21	28	28	22	23	22	16	26	20	25	37	26	26	22	19	13	507
413	104	13	14	10	6	14	7	10	13	8	8	1	6	10	11	16	7	3	7	10	12	8	298
414	3227	438	424	498	464	441	491	537	454	435	453	465	478	410	452	482	572	402	462	433	389	287	12694
415	977	150	118	215	214	206	170	144	235	244	219	186	234	167	189	189	275	301	380	384	329	363	5889
416	939	127	114	157	153	162	109	105	155	192	168	158	168	139	131	160	236	238	287	223	212	189	4522
417	2135	407	313	293	396	418	349	417	425	443	387	310	423	354	368	443	676	687	646	627	431	270	11218
418	817	178	130	136	137	142	125	163	163	134	154	145	155	110	129	96	283	231	171	168	142	95	4004
419	348	60	89	68	64	78	93	81	65	34	94	106	90	73	70	102	75	75	70	88	63	41	1927
420	837	96	108	88	108	157	119	145	135	89	101	80	69	57	65	79	58	68	67	59	73	39	2697
422	2310	252	256	331	362	411	405	478	610	599	588	647	561	503	627	684	604	642	644	717	619	528	13378
423	4727	646	493	510	440	581	521	547	567	540	486	426	409	386	431	501	478	496	482	490	442	378	14977
424	3199	494	504	664	692	1086	1012	1124	1186	1263	1252	1341	1563	2452	2865	3116	2735	3121	3192	3032	2150	1711	39754
425	2909	344	331	403	423	418	405	436	430	427	423	361	377	397	474	386	384	460	410	389	430	275	11292
426	3509	527	420	442	516	789	714	671	655	625	561	584	635	532	620	883	914	865	734	684	582	325	16787
427	3824	631	542	622	602	676	602	724	751	695	829	781	783	874	967	1062	1087	960	1009	1002	938	694	20655
428	7541	1397	1437	1516	1582	1842	1799	1697	1952	1833	1916	1980	2198	2354	2783	2984	2769	2958	3111	3193	3221	2263	54326
429	2200	282	223	236	238	281	269	258	282	355	388	444	536	485	491	497	670	791	892	925	941	763	12447
430	5213	777	826	775	822	1145	1175	1211	1044	1460	1577	1456	1422	1350	1642	1753	1807	1742	1623	1598	1507	1069	32994
431	1255	177	147	165	138	172	168	135	168	159	156	182	166	130	191	256	234	196	171	187	181	169	4903
432	1113	145	162	94	116	115	124	100	88	80	61	48	53	71	112	136	100	107	88	101	59	48	3121
433	1314	230	179	206	215	261	209	332	309	264	296	211	262	261	442	400	366	455	336	266	241	243	7298
434	1003	133	104	155	133	165	134	145	155	234	192	181	203	172	286	275	288	227	248	269	258	225	5185
435	3105	425	510	721	701	926	932	971	1248	1505	1425	1503	2102	2864	4058	4023	3508	3994	3612	3191	2719	2423	46466
436	1407	152	147	233	218	271	204	229	289	342	290	319	324	320	462	475	380	424	457	470	422	346	8181
438	2296	430	439	546	533	618	603	802	893	1138	1232	1482	1406	1773	2297	3412	4482	5669	5476	5116	5114	4467	50224
439	3248	574	569	829	771	913	928	943	987	936	946	934	991	1201	1313	1665	2244	2232	1973	1712	1991	1806	29706
440	422	89	83	122	122	140	166	149	125	135	138	133	139	119	152	161	211	223	212	200	205	201	3647
441	287	63	61	77	72	88	75	63	72	63	94	81	75	82	94	85	94	92	82	90	82	78	1950
442	786	129	124	118	127	190	140	118	139	174	169	176	167	178	218	223	222	170	116	171	198	104	4157
445	276	33	29	54	38	64	75	59	79	70	45	44	74	95	115	132	165	106	106	163	186	177	2185
446	1267	157	191	186	152	217	216	205	206	171	217	174	183	136	257	260	330	285	308	368	281	173	5940
449	72	9	4	6	9	2	0	8	5	1	5	2	3	7	3	3	3	1	6	7	3	3	162
450	103	12	13	13	9	9	8	13	13	9	5	16	9	20	28	42	58	52	54	24	39	39	588
451	1508	263	248	269	228	286	292	295	315	308	283	284	351	426	400	530	670	852	792	737	731	738	10806
452	552	93	116	112	97	81	96	98	140	109	113	86	95	65	92	89	114	102	53	67	50	49	2469
453	126	24	21	6	14	15	13	31	27	18	22	27	29	13	16	24	30	24	16	35	27	10	568
454	545	144	96	129	114	110	107	120	144	119	134	114	116	134	177	149	171	197	176	176	161	129	3462
455	1532	187	166	206	208	233	248	291	327	412	464	581	779	641	1199	1542	1875	1818	1772	1718	2154	2271	20624
460	190	33	19	17	17	22	32	23	25	18	23	32	37	18	33	34	30	33	41	31	44	42	794
462	59	4	13	11	10	10	13	5	18	20	14	12	3	2	2	3	3	5	5	1	1	0	214
463	305	39	47	48	34	63	45	59	63	75	82	89	91	129	228	201	238	354	351	456	422	372	3791
464	635	105	79	91	95	96	89	74	89	93	107	74	95	114	148	105	117	233	135	102	124	91	2891
470	121	9	7	11	8	2	3	8	7	13	6	6	7	16	18	15	12	12	10	12	13	8	324
472	183	23	19	19	20	46	44	30	33	45	36	44	51	44	69	55	56	45	57	52	56	56	1083
473	1570	224	199	218	249	390	408	458	468	445	582	617	582	578	795	638	562	597	627	665	609	582	12063
474	620	187	167	173	162	205	187	170	135	188	165	156	103	129	149	138	186	137	194	171	130	126	3978
475	645	95	101	139	143	171	140	164	177	147	138	141	160	173	168	260	213	144	214	311	303	238	4385
476	76	9	12	8	5	6	16	18	13	13	12	12	22	16	13	25	38	35	36	36	25	30	476

PATENTS GRANTED BY CLASS BY YEAR (ORs only)

	1977-																						TOTAL	
	CLASS	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		2005
	477	498	104	127	165	139	159	128	210	177	98	83	138	144	181	204	212	202	147	181	216	162	169	3844
	482	854	156	224	236	240	287	295	311	298	310	358	326	370	396	451	411	415	371	351	372	364	283	7679
	483	124	35	48	61	31	49	29	26	30	34	33	30	12	28	30	39	36	22	36	22	21	15	791
	492	161	16	24	19	27	43	26	26	35	26	18	31	22	31	52	38	28	43	46	38	34	27	811
	493	768	141	131	123	74	120	95	147	180	135	97	95	114	89	154	148	171	137	88	151	148	120	3426
	494	373	40	24	49	47	35	42	31	26	38	48	30	51	37	49	53	50	47	48	58	49	41	1266
	501	940	155	132	149	194	279	256	386	323	323	316	235	226	216	211	241	207	228	230	227	195	159	5828
	502	3014	446	333	345	336	411	407	464	521	447	358	317	313	283	367	386	479	412	438	404	383	368	11232
	503	326	73	73	62	106	145	153	152	179	182	207	145	121	115	112	125	83	79	56	56	68	49	2667
	504	1896	296	304	306	298	335	336	264	273	241	201	203	230	265	227	233	229	215	210	167	128	113	6970
	505	2	1	0	0	2	55	164	254	275	263	211	155	130	91	87	107	75	62	54	51	42	28	2109
	507	468	112	79	66	58	45	45	67	64	44	34	35	36	74	64	59	59	65	44	69	83	50	1720
	508	1153	166	121	162	182	193	179	192	184	201	220	188	196	179	203	183	188	210	156	176	130	70	4832
	510	1403	192	164	211	222	297	223	261	233	236	256	350	370	348	556	619	521	591	618	545	436	310	8962
	512	268	46	27	41	32	24	32	27	27	30	35	18	28	19	23	14	30	27	23	27	21	16	835
	514	11965	1667	1660	1868	1857	2537	2366	2557	2416	2602	2149	2553	2990	3682	3943	4071	4022	4194	4364	3941	3046	2784	73234
	516	370	42	43	48	45	36	48	52	88	55	67	47	58	71	67	61	72	72	71	75	35	18	1541
	518	237	40	51	23	29	20	16	15	17	14	8	17	14	8	23	25	38	46	40	52	58	43	834
	521	1905	236	227	217	229	215	206	222	302	267	231	213	210	228	268	217	248	241	237	237	190	115	6661
	522	417	61	46	56	42	61	57	83	82	69	69	102	95	81	122	119	128	123	132	116	102	91	2254
	523	1847	297	219	219	217	198	209	266	237	280	282	235	261	230	297	376	379	342	305	261	223	158	7338
	524	5497	690	491	583	589	664	602	828	859	888	910	768	805	725	822	996	874	938	939	915	855	549	21787
	525	3976	570	547	582	616	819	769	809	893	1057	1079	756	770	662	711	652	717	771	765	696	602	471	19290
	526	1947	298	241	287	242	285	294	365	398	442	355	367	343	379	413	321	414	653	624	657	561	402	10288
	527	70	12	8	9	8	12	9	18	15	15	6	6	4	8	13	7	5	4	3	3	2	4	241
	528	3300	430	357	448	487	588	724	732	796	718	660	552	526	596	647	603	593	638	594	514	506	350	15359
	530	1135	147	129	220	194	228	188	284	359	362	300	296	341	545	726	719	556	605	571	541	467	442	9355
	534	822	76	68	80	75	86	116	111	92	102	89	82	115	84	110	77	61	53	53	40	39	31	2462
	536	1042	104	97	113	119	189	245	223	231	218	196	342	385	500	663	590	474	560	565	539	455	405	8255
	540	1855	167	145	152	146	155	170	137	139	174	134	158	198	187	167	158	126	131	136	91	72	70	4868
	544	1869	199	231	200	194	234	220	198	218	226	173	197	203	208	243	229	210	220	247	187	162	154	6222
	546	1754	218	189	187	205	215	223	188	219	247	224	233	218	269	214	258	237	232	267	256	191	207	6451
	548	2234	221	200	196	219	273	318	271	283	315	282	289	309	267	270	323	282	273	294	233	162	167	7681
	549	2372	221	186	209	166	286	249	249	279	319	264	237	234	274	244	281	284	247	328	230	222	170	7551
	552	606	67	48	45	29	53	49	42	59	40	37	46	49	40	40	47	34	39	53	29	27	22	1501
	554	625	73	57	49	42	48	46	46	68	79	74	89	63	49	75	98	71	110	113	70	65	56	2066
	556	843	103	148	151	144	133	152	237	228	226	184	158	190	179	150	212	196	219	201	141	125	102	4422
	558	1434	167	121	143	126	169	149	128	161	175	121	136	129	128	148	135	134	130	137	111	93	62	4237
	560	2185	235	232	238	219	258	235	221	249	302	217	181	171	194	223	190	191	203	261	201	165	143	6714
	562	1790	177	161	165	185	204	207	196	210	242	195	166	149	156	215	205	196	190	231	202	168	133	5743
	564	1481	167	151	150	132	179	196	239	205	188	182	181	142	195	213	205	214	206	243	169	158	146	5342
	568	3133	380	323	253	248	310	339	358	354	344	321	307	209	233	378	308	276	391	393	293	251	223	9625
	570	389	17	29	29	82	97	77	74	90	81	81	87	68	71	113	80	79	99	69	40	44	41	1837
	585	1582	234	187	216	195	224	264	318	238	295	253	231	204	171	245	269	231	224	250	170	159	148	6308
	588	299	46	54	63	40	43	39	17	31	49	70	91	109	81	81	64	60	49	60	45	13	15	1419
	600	2439	429	493	574	555	800	738	814	828	940	1092	1089	1011	1049	1641	1547	1776	1767	1937	2121	1582	1203	26425
	601	375	60	85	88	91	118	127	129	124	102	78	103	91	84	141	92	101	153	118	122	105	88	2575
	602	509	99	108	116	108	113	128	169	125	111	133	187	134	139	235	212	225	185	153	185	149	159	3682
	604	2381	431	549	698	643	793	819	839	966	980	1288	1189	1088	1094	1481	1353	1191	1247	1262	1717	1150	870	24029
	606	1117	266	326	389	347	377	421	538	614	667	837	882	927	1233	1470	1591	1606	1437	1250	1634	1134	909	19972

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CLASS	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
607	735	141	168	161	150	177	217	211	225	252	341	354	330	322	524	458	517	569	579	609	532	512	8084
623	691	107	146	219	192	239	277	241	303	217	281	233	344	341	448	505	604	721	703	765	714	518	8809
700	897	271	266	298	272	404	306	339	320	389	450	376	462	350	663	540	466	661	843	1023	1125	999	11720
701	631	147	172	195	201	357	333	391	288	294	329	416	430	330	511	683	823	1252	1266	1196	1210	1173	12628
702	651	123	185	197	195	305	259	236	182	224	287	217	368	349	518	512	518	573	952	1295	1515	1484	11145
703	56	11	19	26	36	47	44	62	50	56	91	111	155	224	297	301	286	275	180	168	263	373	3131
704	356	62	91	105	99	178	165	160	160	187	187	157	210	366	611	628	534	610	573	428	532	426	6825
705	239	43	58	74	83	128	100	95	89	164	171	119	155	247	493	719	729	480	452	432	313	786	6169
706	4	1	7	14	18	41	75	62	120	171	153	181	163	202	306	128	130	155	168	250	157	206	2712
707	94	23	21	24	23	57	54	57	88	150	178	257	365	421	967	1040	904	1005	1332	1402	1493	1238	11193
708	1075	152	140	167	237	351	246	244	249	301	275	236	277	261	386	402	297	291	255	257	286	230	6615
709	98	27	17	23	40	38	48	53	82	111	129	162	330	304	942	1005	1152	1138	1232	1166	1567	1586	11250
710	673	99	91	124	123	172	154	162	217	286	333	354	576	640	1008	1060	1011	907	863	979	1261	955	12048
711	608	117	108	114	132	163	152	137	217	256	359	404	565	576	856	846	891	1006	1175	1255	1315	1289	12541
712	385	75	77	69	110	124	122	114	162	150	178	258	357	402	666	667	490	502	372	309	371	337	6297
713	163	19	42	42	48	67	69	74	95	142	174	241	286	337	584	580	532	604	566	675	823	995	7158
714	976	240	240	324	268	355	298	283	361	377	488	664	756	708	1069	1040	986	982	956	1267	1265	1174	15077
715	115	34	29	44	65	89	83	80	127	147	210	263	371	428	689	705	670	676	637	638	618	732	7450
716	16	12	21	24	21	47	39	33	44	76	88	130	188	192	269	246	236	405	547	806	645	608	4693
717	15	4	4	12	15	20	16	16	33	53	96	117	126	128	308	406	372	507	334	343	417	467	3809
718	58	11	6	15	22	21	23	20	37	46	83	88	57	79	105	97	102	123	113	118	178	180	1582
719	2	1	1	3	6	1	4	6	11	18	33	52	58	56	107	90	91	159	147	121	242	234	1443
720	52	34	29	41	48	59	28	65	81	62	47	41	86	77	133	152	100	164	185	171	201	221	2077
725	117	27	36	27	35	28	33	37	38	47	66	72	165	153	254	241	175	203	165	205	225	171	2520
726	10	4	4	7	4	7	17	10	13	15	23	20	43	55	113	190	218	206	137	135	222	136	1589
800	20	7	15	16	20	18	12	26	41	33	90	86	235	266	453	579	547	571	466	448	536	459	4944
D00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	3
D01	66	8	18	17	24	17	34	58	79	50	35	35	55	42	46	47	60	60	39	36	120	85	1031
D02	813	172	132	172	253	223	233	272	344	447	426	316	343	499	706	587	493	489	486	529	583	488	9006
D03	1013	186	147	155	145	130	279	321	283	329	340	340	357	369	442	492	482	531	507	486	464	416	8214
D04	197	41	52	64	44	39	68	74	74	111	87	138	120	99	127	113	161	175	248	184	122	145	2483
D05	160	3	5	4	20	26	12	23	9	13	7	30	22	33	45	45	80	72	46	39	68	86	848
D06	3946	593	601	606	628	507	649	833	872	1242	1013	1310	1337	1112	1473	1481	1715	1828	1586	1566	1536	1176	27610
D07	2165	298	419	370	329	354	433	421	446	607	601	559	725	577	744	767	965	1011	791	989	896	724	15191
D08	2107	261	321	371	418	449	520	609	694	737	747	753	755	746	1011	989	1230	991	943	1117	1046	793	17608
D09	1812	270	281	274	222	229	470	540	411	479	499	518	486	536	655	690	871	863	712	902	672	722	13114
D10	1574	207	189	243	203	245	380	572	476	510	584	693	470	522	695	656	646	708	607	495	525	493	11693
D11	1240	149	154	130	89	167	180	246	218	308	286	380	333	376	412	338	349	431	382	372	371	334	7245
D12	1889	278	331	432	355	437	548	558	539	664	661	594	680	799	1023	939	1187	1067	1062	1080	1276	953	17352
D13	657	103	114	97	117	146	220	331	319	268	300	303	285	281	443	595	624	551	633	676	537	571	8171
D14	1967	432	394	504	478	519	729	791	657	865	945	1001	1000	979	1243	1309	1561	1361	1418	1703	1708	1266	22830
D15	1045	171	158	155	164	153	217	143	266	283	220	303	239	220	318	314	404	387	410	400	416	324	6710
D16	622	55	81	88	91	73	160	167	186	176	212	203	262	242	392	344	434	350	278	406	303	295	5420
D17	234	53	26	29	29	20	68	81	46	41	64	38	33	39	55	61	33	43	42	49	36	46	1166
D18	718	181	165	139	137	123	208	280	180	207	185	208	214	203	198	198	272	276	206	226	185	153	4862
D19	734	105	130	103	103	134	193	247	269	282	219	290	177	227	308	340	374	382	334	346	392	329	6018
D20	248	56	50	51	57	29	83	104	74	107	125	102	73	137	160	121	171	136	90	164	120	109	2367
D21	2871	470	423	473	404	528	580	761	699	670	860	877	729	742	1017	921	1025	881	744	782	696	602	17755
D22	623	53	76	96	99	153	93	88	146	129	159	164	187	131	165	180	174	154	160	180	148	145	3503
D23	1692	204	292	340	324	248	388	592	523	441	562	562	529	550	785	819	991	908	967	920	831	789	14257

PATENTS GRANTED BY CLASS BY YEAR (ORs only)

1977-																							
CLASS	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
D24	1582	214	318	310	256	303	259	367	423	431	480	512	483	454	523	575	674	759	598	700	573	352	11146
D25	957	40	106	89	76	165	149	149	147	236	249	258	255	292	306	340	376	380	406	349	344	310	5979
D26	781	112	153	187	156	198	199	305	280	258	356	374	464	430	531	543	804	920	705	772	672	491	9691
D27	271	11	22	26	25	16	23	25	8	17	31	31	38	38	79	87	60	76	86	62	71	59	1162
D28	587	116	129	85	116	152	241	147	103	127	199	148	152	159	197	211	388	334	255	274	254	188	4562
D29	160	35	30	24	34	28	58	46	50	66	76	93	90	77	68	86	85	82	104	72	97	62	1523
D30	364	44	29	71	71	46	60	89	93	124	130	123	128	125	105	107	184	116	114	121	108	132	2484
D32	412	71	77	141	103	99	157	165	110	130	187	190	176	194	211	193	287	260	256	286	252	171	4128
D34	395	50	71	78	94	110	110	140	201	217	205	196	170	130	215	190	183	200	195	208	170	94	3622
D99	149	24	24	36	17	26	24	24	44	60	46	71	44	55	69	62	73	96	48	88	104	49	1233
PLT	1373	242	224	229	425	587	318	353	321	442	499	387	362	394	561	421	548	584	1133	994	1016	716	12129
TOTAL	528325	77041		84439		99220		107511		113704		121805		163205		176083		184424		181320		3259450	
	77273	89598		102690		106840		109890		113955		124147		169145		184047		187048		157740			

PART II

PATENT COUNTS BY CLASS BY YEAR

ORIGINAL AND CROSS REFERENCE CLASSIFICATIONS

(DUPLICATES ELIMINATED)

1/1977 -12/31/2005

PATENTS GRANTED BY CLASS BY YEAR (ORs + XRs)

	1977-																							TOTAL
	CLASS	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
	001	4	0	0	0	0	0	0	0	2	0	0	1	0	0	2	0	0	0	0	1	1	12	23
	002	1722	305	314	391	307	414	384	572	484	380	425	474	570	602	723	806	749	703	655	494	564	493	12531
	004	1787	252	252	237	279	349	380	409	341	389	419	338	312	331	418	538	454	479	514	433	406	322	9639
	005	1743	266	293	386	352	418	444	467	468	400	394	412	488	446	504	483	521	502	470	492	521	502	10972
	007	238	50	50	48	45	64	55	68	49	73	64	53	62	62	72	84	96	101	72	76	89	73	1644
	008	2976	283	256	287	354	419	378	387	310	352	325	337	377	275	394	457	381	334	311	387	321	219	10120
	012	280	51	38	38	27	28	32	19	17	24	21	17	15	24	29	33	20	22	19	23	19	23	819
	014	297	37	43	62	41	47	45	55	48	37	46	64	59	58	59	59	65	45	73	62	73	55	1430
	015	3503	523	480	597	591	703	622	720	636	621	716	688	687	644	878	986	982	892	779	829	692	546	18315
	016	1748	256	260	376	310	413	271	338	284	326	301	327	398	339	450	427	436	410	516	494	427	389	9496
	019	659	109	61	100	62	107	125	151	89	72	93	99	84	77	71	72	87	109	69	53	36	27	2412
	023	459	46	49	40	35	41	35	45	62	37	52	38	34	28	38	31	38	33	32	30	17	25	1245
	024	2905	432	467	582	453	542	565	547	496	468	521	483	517	580	599	589	562	600	652	610	459	352	13981
	026	316	35	34	40	30	50	45	37	37	25	21	42	36	29	35	39	30	24	22	24	16	13	980
	027	84	7	8	6	11	15	16	15	16	16	17	23	19	37	33	30	30	32	18	32	19	14	498
	028	952	104	74	78	86	109	123	91	112	90	118	120	81	94	106	99	131	95	86	83	94	54	2980
	029	10157	1553	1764	2003	1842	2142	1753	2010	1944	1969	1877	1698	1757	1822	2168	2150	2361	2520	2541	2640	2525	2196	53392
	030	2185	321	371	362	312	443	396	505	382	337	362	358	374	362	438	475	471	431	409	432	392	332	10450
	033	3183	545	541	506	400	493	559	565	536	429	418	481	433	363	446	407	493	514	594	577	546	534	13563
	034	2330	342	304	338	277	278	287	301	333	356	319	292	357	326	361	424	467	356	361	285	299	264	9257
	036	1045	157	205	239	191	236	243	183	157	183	203	225	197	236	344	352	307	283	266	247	272	235	6006
	037	1146	101	102	112	107	156	139	145	147	128	94	133	152	129	165	186	211	182	208	168	167	161	4239
	038	251	43	40	47	35	46	45	54	42	26	50	43	48	54	48	55	55	41	46	38	47	30	1184
	040	2378	303	277	343	343	463	391	462	370	404	445	454	421	434	506	556	609	561	573	569	500	389	11751
	042	828	115	132	143	123	164	160	191	127	135	163	178	159	186	203	183	124	213	241	252	207	159	4386
	043	1530	212	245	332	299	470	333	291	314	326	331	251	318	219	234	408	355	289	307	348	275	231	7918
	044	1454	215	161	163	153	170	111	139	123	136	143	129	147	107	132	152	169	146	115	143	108	76	4392
	047	1385	137	168	163	183	221	235	244	241	226	273	271	345	296	469	325	351	305	306	283	185	159	6771
	048	1278	141	108	112	85	128	91	52	49	55	48	69	46	61	67	71	57	57	40	47	72	63	2797
	049	2026	283	346	380	286	405	366	390	316	315	334	344	395	336	378	439	495	430	425	392	377	362	9820
	051	481	66	42	65	61	74	97	96	133	136	122	100	124	153	96	126	104	145	159	145	139	105	2769
	052	6984	904	1163	1192	951	1213	1150	1105	990	1016	1052	1018	1209	1208	1473	1424	1481	1611	1501	1314	1209	1041	32209
	053	2717	536	557	549	480	546	536	568	498	467	421	564	549	598	763	608	641	574	543	619	593	508	14435
	054	113	21	18	17	22	20	18	30	36	22	26	24	18	17	36	23	42	32	46	50	40	24	695
	055	2454	332	284	376	350	396	365	356	438	395	285	318	330	354	451	441	421	464	449	467	478	376	10580
	056	1990	232	202	244	252	261	325	283	243	226	226	263	218	167	280	308	299	247	273	257	246	246	7288
	057	1754	250	243	256	201	237	225	139	198	173	213	188	178	177	214	158	153	175	134	104	118	79	5567
	059	272	32	32	37	26	34	32	28	29	32	39	32	17	33	38	37	36	53	44	39	34	47	1003
	060	6588	804	651	822	795	864	772	802	950	917	921	888	781	757	1019	997	1031	1331	1298	1226	1256	1267	26737
	062	4347	752	626	708	711	749	770	779	789	914	887	855	864	870	1030	1141	1154	1292	1346	1293	1073	891	23841
	063	248	39	32	31	60	46	48	54	64	56	46	58	62	75	69	53	67	63	82	79	61	40	1433
	065	2544	352	311	334	312	381	320	311	343	277	263	174	203	298	343	357	277	323	313	346	342	225	8949
	066	847	115	105	115	116	116	51	111	96	100	105	111	123	88	101	106	167	152	82	88	89	99	3083
	068	910	120	83	99	122	141	117	115	102	144	124	132	136	127	193	200	152	114	143	147	82	74	3577
	069	104	14	6	9	7	7	5	10	3	2	3	5	5	4	6	4	2	2	2	2	5	7	214
	070	1711	220	249	362	295	364	338	352	280	303	270	311	319	343	462	457	391	323	427	420	333	328	8858
	071	708	107	61	62	61	80	60	68	94	73	78	93	75	100	89	87	64	97	112	69	60	46	2344
	072	4049	570	642	585	570	616	572	589	512	483	478	406	497	541	665	685	626	649	538	534	506	412	15725
	073	11621	1874	1791	1880	1781	2263	2061	2058	1934	1934	2114	2053	2221	2021	2464	2357	2310	2495	2637	3067	2767	2765	58468
	074	6242	1081	1096	1217	1051	1272	1063	1061	1049	1093	867	816	1000	910	1198	1191	1172	1152	1126	989	894	771	28311

PATENTS GRANTED BY CLASS BY YEAR (ORs + XRs)

	CLASS	1977-																				TOTAL		
		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003		2004	2005
	075	2671	327	357	358	375	376	389	350	341	339	364	367	261	247	318	375	322	381	392	319	262	192	9683
	076	467	81	79	78	70	83	50	82	83	69	58	68	56	66	61	76	71	58	52	64	42	28	1842
	079	4	1	0	0	1	0	0	0	0	1	2	0	0	0	0	1	1	0	3	1	1	1	17
	081	1549	268	279	265	319	353	316	345	301	307	305	250	310	263	325	410	494	545	423	351	368	420	8766
	082	831	114	167	174	116	128	111	144	130	119	98	68	89	101	126	124	112	122	91	167	92	72	3296
	083	3662	542	535	565	434	492	516	566	563	504	469	424	373	376	523	576	562	497	394	481	526	376	13956
	084	2127	239	204	324	209	264	277	291	297	354	348	397	393	344	428	506	444	410	360	328	322	290	9156
	086	202	32	27	25	26	34	25	27	33	26	32	30	17	25	34	21	20	24	32	29	17	25	763
	087	84	20	16	18	23	19	25	24	13	17	24	17	15	15	23	26	13	13	16	12	9	3	445
	089	1202	156	181	271	181	207	253	224	236	199	193	197	141	192	200	183	129	211	205	203	206	180	5350
	091	2599	360	275	342	348	331	270	288	316	299	253	214	230	194	253	239	210	219	224	198	206	150	8018
	092	1885	352	287	331	348	356	278	356	272	290	226	234	224	220	287	291	246	310	314	280	234	206	7827
	095	1535	227	170	225	276	275	261	281	358	320	243	270	288	302	362	383	368	394	402	448	347	288	8023
	096	2074	278	235	372	333	352	348	355	386	325	262	240	298	329	393	432	416	423	467	464	431	342	9555
	099	2146	337	328	413	383	464	438	400	391	427	451	493	465	489	530	608	567	561	452	441	404	317	11505
	100	1933	281	230	281	260	266	256	275	309	272	266	253	224	228	286	224	210	204	188	226	207	164	7043
	101	3312	437	399	409	377	483	430	477	487	463	472	477	478	497	724	609	587	544	610	718	804	489	14283
	102	1643	203	229	343	277	306	300	358	276	279	259	268	221	227	241	208	187	312	279	301	216	201	7134
	104	1144	124	135	179	160	176	175	154	173	150	123	152	143	160	128	107	120	144	172	153	115	82	4169
	105	1218	132	131	150	114	144	126	130	126	120	113	124	122	123	134	95	111	152	137	117	79	93	3791
	106	5536	586	498	615	640	658	565	728	772	790	916	796	782	777	1024	1004	889	911	977	1010	944	634	22052
	108	1328	178	224	235	230	297	238	211	247	198	279	281	296	299	342	330	375	306	306	289	276	211	6976
	109	269	50	47	72	47	55	46	45	30	36	35	39	27	41	53	44	30	25	37	31	27	26	1112
	110	1587	264	244	267	271	262	255	253	224	268	264	185	209	199	243	181	179	190	147	98	120	111	6021
	111	514	50	70	65	71	38	61	51	51	40	57	61	74	64	60	87	82	99	67	82	74	66	1884
	112	1786	273	273	300	196	224	189	241	195	198	161	184	226	201	236	214	185	179	109	89	131	112	5902
	114	2448	337	318	489	388	441	421	435	370	377	379	368	374	357	388	412	487	456	407	439	394	432	10917
	116	1512	157	175	167	198	224	215	233	175	201	204	182	192	195	206	224	208	214	211	196	194	154	5637
	117	837	128	142	135	118	153	152	151	203	219	236	278	222	212	280	317	324	274	270	283	269	240	5443
	118	3383	579	501	552	484	630	591	654	665	692	677	665	709	722	868	961	1200	1211	1127	1063	933	753	19620
	119	1656	235	189	191	234	265	311	391	399	341	355	313	348	362	553	501	469	447	539	532	396	406	9433
	122	1383	209	196	223	186	231	199	155	134	145	185	123	128	107	164	154	143	143	123	118	102	97	4648
	123	8925	1565	1167	1392	1272	1445	1490	1526	1472	1400	1136	1124	1352	1381	1629	1622	1810	2246	2247	2240	2241	2113	42795
	124	575	74	86	117	91	135	121	115	125	127	128	148	136	160	137	135	124	108	118	161	179	110	3210
	125	323	58	43	57	45	58	68	56	56	49	38	42	45	54	66	64	101	98	97	83	74	79	1654
	126	5072	560	481	444	393	418	391	335	306	340	350	331	331	305	391	513	466	386	323	329	319	298	13082
	127	445	50	41	38	42	56	38	54	55	44	51	54	50	40	56	74	39	44	59	34	34	26	1424
	128	2539	375	471	540	382	682	646	760	686	741	866	873	938	954	1212	1059	1139	1034	1090	1247	1062	877	20173
	131	1284	175	209	182	172	170	180	183	185	118	108	111	116	116	163	107	123	79	85	88	109	56	4119
	132	770	115	169	150	121	177	175	205	177	154	208	152	206	219	313	405	306	258	219	211	147	109	4966
	134	2413	292	285	337	384	493	425	550	534	530	570	613	615	610	781	922	815	850	895	920	712	563	15109
	135	514	65	82	87	103	167	126	129	119	151	181	149	171	179	197	180	196	251	204	168	189	149	3757
	136	1480	226	208	250	204	204	152	172	166	163	154	176	170	134	139	177	235	275	254	223	177	116	5455
	137	8724	1303	1188	1353	1184	1427	1299	1268	1268	1242	1242	1067	1034	1006	1305	1465	1489	1607	1244	1200	1160	1173	35248
	138	2798	347	357	387	354	375	321	338	257	268	319	335	286	278	361	458	467	423	378	361	326	296	10090
	139	1168	180	160	163	147	173	167	177	189	165	173	177	146	137	155	136	179	188	126	64	109	112	4391
	140	570	76	86	74	68	57	65	50	64	48	49	53	60	62	66	69	53	50	36	49	37	35	1777
	141	1901	272	270	343	280	372	325	332	332	348	381	344	370	319	407	487	441	478	452	424	485	391	9754
	142	33	8	9	4	3	1	7	8	6	5	4	4	5	6	4	10	8	4	0	5	2	0	136
	144	1340	174	171	177	158	198	188	200	204	140	167	157	132	154	177	230	199	188	174	187	152	121	4988

PATENTS GRANTED BY CLASS BY YEAR (ORs + XRs)

CLASS	1977-																						
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
147	5	0	0	1	0	1	0	0	0	0	0	2	0	2	1	0	0	4	2	0	0	1	19
148	3850	481	604	618	591	794	766	858	937	969	935	924	791	737	776	777	704	770	752	757	601	387	19379
149	830	74	53	96	64	75	92	104	54	60	45	101	123	78	87	61	101	99	68	97	59	77	2498
150	181	20	23	32	47	66	84	80	67	66	65	63	66	71	95	100	97	99	81	72	59	49	1583
152	1240	103	120	153	174	211	174	164	164	210	228	189	156	167	192	196	253	262	317	309	236	219	5437
156	9036	1255	1219	1349	1304	1545	1494	1364	1410	1472	1464	1490	1433	1596	1912	1991	1912	1899	1789	2041	1865	1461	42301
157	152	15	18	11	25	23	14	20	18	23	15	8	9	11	9	11	19	28	11	18	11	21	490
159	571	65	62	69	58	59	67	51	70	75	56	49	62	66	54	54	30	38	47	39	38	40	1720
160	1110	163	157	219	202	278	250	285	279	245	227	233	302	256	302	309	385	356	304	314	294	255	6725
162	1957	293	222	248	276	323	368	318	384	375	334	355	413	442	502	454	493	580	560	417	396	307	10017
163	13	6	2	3	3	3	2	3	1	5	4	9	5	8	7	6	4	0	1	2	0	0	87
164	2096	349	403	405	362	358	335	333	266	344	351	239	256	274	312	317	233	287	341	372	267	259	8759
165	5337	691	654	763	628	666	634	626	640	662	674	567	613	524	739	859	864	954	903	888	929	866	20681
166	3777	625	629	746	513	615	529	584	577	566	689	526	452	377	536	600	694	838	709	790	848	689	16909
168	42	7	8	6	9	11	12	17	15	14	10	2	10	12	10	8	13	11	18	17	13	11	276
169	445	43	67	73	45	73	73	77	91	62	60	60	81	74	94	117	124	80	84	78	80	76	2057
171	169	19	13	17	7	15	15	12	19	22	17	15	14	9	11	13	11	5	5	10	8	7	433
172	1888	209	207	188	159	229	216	174	140	141	141	193	186	168	215	198	242	212	183	170	144	151	5754
173	1149	124	127	152	105	164	108	142	132	88	112	94	114	94	123	138	163	148	125	162	179	153	3896
174	4178	610	620	804	720	841	694	732	747	783	886	881	828	676	1087	1106	1275	1728	1763	1549	1514	1244	25266
175	2146	337	303	371	283	343	286	310	307	276	338	289	290	232	331	355	411	467	462	463	398	365	9363
177	941	203	181	198	141	203	128	110	137	131	111	77	72	95	147	131	95	104	125	114	119	100	3663
178	558	61	68	95	69	88	60	62	57	65	41	64	93	69	100	88	64	81	85	99	98	97	2162
180	3727	562	639	801	734	891	739	822	743	686	731	625	789	638	878	968	1026	1186	1293	1314	1167	1168	22127
181	1765	216	235	267	250	336	283	247	263	236	235	234	213	215	312	313	316	268	296	360	308	239	7407
182	1184	214	230	211	189	193	205	223	237	138	193	149	152	152	214	253	237	187	218	193	218	186	5376
184	657	118	111	120	128	136	181	162	126	144	133	132	150	116	138	150	159	167	152	142	129	114	3565
185	142	9	25	18	13	16	9	6	12	12	7	7	10	8	7	15	13	16	11	9	14	8	387
186	76	11	14	11	15	9	17	22	24	17	17	21	20	12	21	27	22	13	19	23	16	16	443
187	708	129	96	156	119	96	100	157	152	152	163	140	146	140	187	212	149	172	212	157	91	87	3721
188	3281	507	477	562	535	630	468	501	489	473	483	536	524	425	525	603	590	771	708	519	453	482	14542
190	259	33	41	51	63	78	63	77	70	65	49	77	92	70	87	98	91	104	98	96	56	59	1777
191	245	18	26	31	25	23	19	29	28	26	33	19	28	34	34	41	42	60	48	31	28	25	893
192	2926	500	560	609	439	585	524	580	535	398	347	311	433	454	489	593	580	502	468	504	474	357	13168
193	476	54	47	62	56	47	49	49	60	44	35	49	36	39	32	59	63	68	57	51	40	39	1512
194	426	77	64	67	53	84	68	82	72	76	81	105	104	74	80	117	112	95	54	79	69	72	2111
196	198	27	18	12	17	20	13	16	14	19	11	11	11	12	26	22	10	18	13	9	7	5	509
198	4131	652	618	709	681	733	710	740	790	691	703	586	534	541	577	693	686	816	714	699	616	466	18086
199	0	0	0	0	0	0	2	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	4
200	4577	594	502	616	556	586	549	513	468	451	475	453	489	465	673	637	606	529	584	615	654	565	16157
201	830	60	46	49	24	34	24	18	27	16	19	26	10	21	25	20	19	21	7	9	14	8	1327
202	1230	111	115	98	82	86	82	74	74	97	72	74	77	82	91	77	76	59	58	51	43	40	2849
203	1239	134	125	132	125	134	150	127	182	190	143	142	118	126	144	141	104	81	127	82	68	73	3887
204	6492	867	877	895	772	1048	993	872	991	977	1018	994	900	886	1088	1188	1316	1426	1295	1214	1117	881	28107
205	4074	517	456	484	386	484	450	401	470	483	485	473	465	433	470	534	537	741	626	576	557	393	14495
206	5530	771	775	897	1040	1326	1223	1183	1164	1203	1232	1207	1213	1210	1597	1597	1515	1359	1224	1168	987	915	30336
208	4001	531	433	362	363	477	429	421	346	345	382	291	211	215	257	384	327	316	263	248	242	164	11008
209	2741	370	329	357	377	427	364	362	375	387	352	344	316	290	309	374	387	370	314	315	319	242	10021
210	8507	1058	1078	1374	1431	1669	1516	1660	1856	1737	1462	1519	1623	1616	1749	1767	1724	1822	1621	1571	1451	1254	41065
211	2051	317	334	377	409	464	434	477	468	440	445	369	437	436	553	571	581	551	564	517	444	411	11650

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CLASS	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
212	713	100	82	114	84	72	79	75	77	64	40	69	64	67	80	65	104	82	68	100	46	46	2291
213	176	14	23	19	11	13	18	19	34	18	19	20	32	20	20	22	17	26	17	11	20	8	577
215	1674	271	270	285	350	374	332	319	316	291	291	295	284	291	391	413	362	303	280	260	223	207	8082
216	1180	205	225	225	198	288	311	311	304	467	427	428	385	483	545	594	621	637	650	633	607	498	10222
217	213	18	20	26	25	24	22	12	13	16	16	7	8	7	14	10	11	15	9	7	4	4	501
218	697	115	85	124	85	64	58	57	62	49	53	43	75	43	94	80	69	95	93	76	75	49	2241
219	6866	1214	1045	1259	1090	1299	1200	1123	1096	1133	1164	1019	1007	923	1307	1430	1642	1582	1552	1529	1559	1321	33360
220	4866	693	713	774	829	1051	968	975	942	1002	947	913	962	889	1132	1183	1185	1120	986	919	808	712	24569
221	1296	163	194	248	190	219	214	235	226	224	208	216	231	157	251	272	268	294	256	294	254	171	6081
222	5110	754	709	802	724	918	953	972	907	928	1057	917	844	833	1030	1246	1112	1109	1070	867	870	700	24432
223	412	56	75	79	62	74	78	107	86	50	48	71	79	106	86	102	123	102	71	46	69	53	2035
224	1514	179	167	213	293	378	373	390	337	380	371	407	444	463	533	533	469	501	443	422	400	278	9488
225	457	63	62	73	65	69	62	74	96	64	70	51	54	45	73	63	51	52	67	66	78	61	1816
226	1518	165	168	171	173	209	154	159	160	150	162	142	129	100	174	152	116	121	125	106	76	63	4493
227	782	148	175	141	123	129	104	129	122	131	137	156	164	182	180	149	176	133	120	176	185	174	3916
228	2125	341	421	405	377	486	361	416	464	462	436	411	400	358	389	468	601	631	583	538	526	408	11607
229	2168	258	258	305	352	408	383	416	361	365	384	328	311	280	362	351	347	335	293	244	168	193	8870
231	17	3	0	1	1	2	1	2	3	0	1	0	0	1	0	1	4	0	1	1	2	1	42
232	219	35	19	44	42	50	54	56	45	35	31	47	35	43	41	43	37	33	27	29	42	37	1044
234	36	3	7	4	2	2	1	1	5	2	1	0	0	2	2	3	0	2	3	4	6	2	88
235	1718	239	268	352	382	556	403	418	419	489	505	596	597	558	797	926	958	759	822	1035	1081	871	14749
236	1523	232	167	196	157	192	174	137	155	174	165	131	129	113	147	180	170	146	170	172	155	148	4933
237	989	117	89	111	96	104	99	80	72	73	67	40	53	47	78	112	106	74	78	76	90	65	2716
238	322	31	32	40	43	39	49	37	47	28	25	31	40	32	48	30	36	47	48	37	36	22	1100
239	4462	596	619	677	656	760	791	733	738	745	789	615	581	658	902	1010	1055	886	852	906	961	773	20765
241	2022	267	322	353	300	321	298	320	304	356	364	334	343	307	370	410	319	244	296	328	224	207	8609
242	4609	686	616	701	726	702	677	590	546	640	780	575	707	612	825	756	768	628	718	665	549	486	18562
244	2585	353	366	483	434	486	449	539	575	456	442	371	358	334	577	538	636	678	669	656	612	490	13087
245	73	4	3	6	6	9	3	7	7	12	6	5	5	6	3	5	4	8	7	3	7	5	194
246	324	28	26	45	40	43	57	46	45	37	51	58	54	59	76	42	68	84	78	60	53	41	1415
248	5798	891	931	1173	1037	1340	1280	1396	1332	1219	1211	1144	1226	1184	1576	1543	1632	1541	1669	1590	1252	1031	32996
249	1239	165	148	184	192	222	165	170	177	156	147	140	132	150	199	161	149	173	149	162	151	114	4645
250	8232	1252	1341	1918	1691	2204	2035	2149	2085	1905	1964	1895	1780	1653	2032	1904	1902	2146	2368	2745	2794	2365	50360
251	4237	820	649	793	642	789	745	679	719	675	681	561	567	501	708	815	867	801	728	706	763	770	19216
252	8176	1156	1066	1128	1075	1285	1159	1338	1390	1314	1268	1199	1258	1143	1357	1332	1263	1226	1269	1378	1278	912	33970
254	1737	242	221	241	208	250	210	182	229	219	194	198	174	201	199	257	276	257	229	261	213	198	6396
256	450	58	43	72	54	79	77	78	79	64	70	82	96	98	100	108	112	106	99	138	110	105	2278
257	8413	1474	1666	1974	1851	2424	2483	3129	3216	3394	4170	4244	4295	4713	6500	7822	9024	10834	11090	11399	11435	9223	124773
258	6	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	12
260	876	71	63	28	28	29	21	23	32	26	20	17	19	31	34	33	24	26	13	16	10	8	1448
261	3100	298	267	261	263	273	273	273	281	244	201	216	219	209	242	246	254	265	249	217	225	191	8267
264	11539	1459	1360	1516	1652	2098	1940	2046	2101	2096	1808	1762	1799	1950	2403	2218	2043	1991	1847	2061	1938	1382	51009
266	2063	201	235	238	238	224	201	217	213	221	245	218	161	159	185	213	181	214	171	182	136	91	6207
267	1362	233	297	372	373	400	291	304	290	291	282	222	248	215	244	291	293	322	379	300	238	205	7452
269	1438	275	243	321	255	330	292	240	289	257	247	193	234	218	300	307	312	299	290	301	251	204	7096
270	345	95	73	53	80	78	94	120	125	76	89	89	83	83	119	87	84	121	104	96	130	87	2311
271	2316	375	402	436	392	459	410	531	640	589	498	478	444	406	437	530	492	542	457	569	466	360	12229
273	2592	328	261	308	306	437	407	473	463	430	516	498	463	479	597	515	502	544	539	545	445	337	11985
276	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	5
277	2625	421	357	373	331	440	354	404	411	350	350	286	383	326	278	381	419	491	471	410	387	336	10584

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1977-																							
CLASS	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
278	3	2	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	1	10
279	696	114	150	159	114	152	114	136	107	106	136	115	103	83	146	198	140	165	122	139	84	110	3389
280	5997	794	918	979	986	1157	1074	1252	1152	1250	1433	1397	1516	1238	1678	1725	1977	2145	2069	1746	1671	1553	35707
281	317	72	89	87	65	106	113	124	94	98	81	104	79	99	122	149	139	125	112	76	76	55	2382
283	616	146	151	151	116	170	200	179	202	205	210	210	191	203	301	325	296	271	230	210	224	155	4962
285	3284	459	556	628	476	626	517	524	568	473	594	453	420	371	511	582	522	510	565	515	397	401	13952
289	96	15	12	13	8	12	7	9	11	6	6	15	15	17	13	10	11	17	11	14	12	8	338
290	898	112	79	104	95	103	77	76	77	40	68	62	59	66	124	112	138	158	163	155	231	256	3253
291	19	1	2	0	7	3	3	0	2	0	1	0	3	0	0	3	2	1	2	3	2	6	60
292	1877	237	257	370	277	384	376	404	345	279	237	267	361	319	371	371	425	288	428	442	336	299	8950
293	371	29	42	62	39	52	67	50	69	53	43	39	38	35	51	55	59	95	80	87	108	112	1636
294	2381	328	368	452	406	440	361	371	354	347	331	339	336	333	413	391	406	336	364	301	200	194	9752
295	54	5	6	9	5	3	7	7	4	2	3	4	7	6	3	9	7	6	7	8	7	2	171
296	2210	299	321	463	446	541	592	624	503	461	462	418	541	483	693	776	932	1104	1010	1030	1062	985	15956
297	2363	390	467	547	494	626	528	505	525	457	695	562	729	685	819	847	900	804	809	887	835	685	16159
298	261	28	41	38	19	40	33	54	34	32	27	38	33	17	32	29	37	34	27	40	38	27	959
299	1488	137	110	144	127	135	113	108	121	109	64	72	60	66	76	68	83	84	80	68	58	58	3429
300	74	7	14	18	18	18	19	22	24	11	10	16	15	22	18	19	14	21	18	19	16	14	427
301	571	67	77	81	75	84	95	103	101	90	97	97	128	97	121	141	171	181	189	162	144	124	2996
303	1132	126	157	255	282	294	235	252	247	285	280	276	269	246	295	318	364	456	352	292	206	215	6834
305	374	37	36	37	21	47	27	26	21	33	39	38	25	24	47	50	63	62	72	60	35	43	1217
307	2298	265	274	416	384	445	323	325	333	380	340	403	545	543	745	767	686	602	584	615	576	379	12228
310	4431	690	730	847	714	823	733	791	831	778	770	702	706	799	1236	1250	1274	1372	1392	1305	1863	1547	25584
312	2030	222	282	294	341	363	329	284	326	374	343	373	378	369	496	531	600	535	636	596	499	412	10613
313	3138	451	456	554	573	602	590	571	547	465	436	480	565	621	909	931	857	955	1197	1611	1437	1091	19037
314	12	1	1	0	1	0	2	0	1	1	1	0	0	0	0	0	2	0	2	1	3	1	29
315	3267	438	373	569	457	477	572	652	513	447	493	557	526	463	671	708	745	849	1002	1067	956	819	16621
318	4044	669	632	769	624	726	671	641	636	689	647	628	658	624	948	880	899	884	905	813	878	849	19714
320	557	65	92	122	75	77	66	79	136	164	178	163	222	376	357	413	430	501	454	399	355	321	5602
322	467	49	58	93	68	56	56	73	56	61	53	34	76	83	98	73	86	83	76	81	125	110	2015
323	1555	256	288	416	267	334	309	271	273	237	260	296	361	418	472	545	494	550	547	504	485	483	9621
324	5243	847	936	1299	1222	1539	1268	1353	1288	1275	1278	1521	1766	1511	1594	1541	1784	2133	2557	2519	2514	2304	39292
326	965	194	244	319	289	357	359	440	421	352	463	501	532	441	556	578	759	854	832	723	794	722	11695
327	5420	735	799	953	745	910	829	944	1010	829	1142	1234	1297	1045	1533	1682	1812	1989	2112	1990	1934	1679	32623
329	427	98	125	74	55	108	62	69	91	65	80	105	99	112	115	108	113	89	71	62	69	50	2247
330	2214	398	305	297	312	362	281	330	366	283	380	384	345	342	445	526	604	598	657	731	800	631	11591
331	1775	267	325	278	218	316	236	268	305	225	269	293	317	288	385	370	392	423	357	471	497	409	8684
332	273	71	72	59	57	49	49	66	73	58	70	92	100	73	107	96	76	79	84	81	58	55	1798
333	2635	383	419	475	450	443	385	488	464	410	465	441	449	410	599	610	616	520	695	789	734	708	13588
334	257	27	26	13	10	13	9	8	4	3	3	9	5	2	10	13	13	8	11	8	6	6	464
335	1822	303	272	372	291	341	317	309	271	264	305	259	293	242	271	378	315	331	343	325	369	387	8380
336	1052	183	140	184	144	205	170	156	141	132	178	166	171	130	214	207	239	242	277	306	277	328	5242
337	1085	153	103	140	118	142	111	92	103	98	66	58	64	99	127	136	100	80	108	138	119	59	3299
338	2048	276	247	334	329	315	308	274	259	253	229	145	177	176	222	264	239	230	201	183	141	113	6963
340	7116	1011	1094	1382	1314	1778	1457	1413	1356	1382	1512	1729	1957	1988	2539	2412	2612	2529	2485	2267	2716	2665	46714
341	1898	330	386	348	297	436	418	432	373	443	375	465	501	654	816	681	684	855	969	970	959	907	14197
342	2185	239	284	377	269	345	363	397	412	416	513	481	591	512	660	722	820	975	1022	1003	1053	871	14510
343	1411	204	213	260	271	330	236	255	253	311	272	292	354	330	422	696	754	903	917	737	763	924	11108
345	1933	328	364	610	559	723	644	631	680	793	1020	1153	1377	1518	2341	2218	2347	2708	2636	2763	3170	2961	33477
346	1407	241	236	246	252	276	295	229	250	253	190	143	96	40	69	82	63	45	41	32	33	18	4537

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1977-

CLASS	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	TOTAL
477	796	172	198	255	233	243	227	319	271	178	147	208	241	267	306	346	348	294	326	364	289	289	6317
482	1151	201	274	300	302	365	365	399	371	403	440	395	436	468	553	491	484	424	413	445	428	329	9437
483	182	43	67	77	44	64	33	36	38	44	48	41	18	36	42	58	46	29	48	29	28	23	1074
492	468	52	64	62	67	110	94	76	110	88	69	109	120	110	167	149	127	116	135	118	120	80	2611
493	1358	273	266	260	215	257	233	307	303	274	201	205	232	200	297	291	314	280	201	293	267	211	6738
494	567	59	41	71	64	83	80	68	63	78	89	65	89	74	99	105	87	85	78	83	83	60	2171
501	2172	325	289	324	408	554	466	681	606	591	571	433	429	457	439	470	396	470	466	440	380	289	11656
502	5813	750	626	609	598	759	703	835	848	777	670	615	601	601	801	820	998	983	984	924	869	690	21874
503	559	109	109	94	150	174	199	199	211	227	249	185	158	151	153	162	122	116	83	86	85	74	3655
504	2531	352	349	352	349	377	374	303	327	294	251	250	291	322	294	306	285	281	280	229	169	149	8715
505	693	114	107	87	16	89	235	336	384	361	304	242	214	172	173	181	143	146	139	144	106	77	4463
507	889	198	147	164	138	123	110	140	136	103	97	67	82	111	105	107	99	124	99	106	127	88	3360
508	1509	215	163	198	218	238	214	238	236	242	276	240	260	230	269	221	235	264	194	210	162	93	6125
510	2438	312	281	334	355	450	359	403	386	402	421	526	563	530	798	884	764	830	882	803	610	428	13759
512	638	95	83	66	55	40	50	46	44	49	49	31	43	36	51	33	54	56	51	48	37	38	1693
514	14813	1988	2049	2293	2355	3246	3029	3284	3254	3332	2850	3330	3895	4945	5403	5742	5350	5699	5970	5356	4044	3551	95778
516	1288	179	155	147	163	181	179	198	221	204	198	184	200	173	181	197	191	180	189	196	121	79	5004
518	438	77	88	53	45	39	30	30	27	23	12	20	18	15	33	38	49	66	54	67	81	61	1364
520	4	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	3	0	0	0	0	10
521	3207	384	360	359	350	352	320	367	464	439	373	328	316	363	436	370	392	380	363	369	302	194	10788
522	1724	209	187	205	200	213	234	252	219	238	223	251	245	234	285	297	312	346	278	254	264	198	6868
523	3413	543	440	493	486	523	456	594	545	591	583	562	534	526	660	786	737	749	731	657	566	407	15582
524	10530	1387	1086	1169	1203	1327	1248	1519	1515	1606	1643	1387	1476	1448	1649	1876	1713	1761	1767	1720	1698	1098	41826
525	9038	1293	1106	1198	1277	1566	1499	1639	1736	2003	1966	1534	1595	1439	1606	1549	1530	1644	1698	1611	1475	1050	41052
526	4789	677	546	663	553	605	657	754	835	961	837	717	696	732	817	793	891	1149	1168	1140	1025	803	21808
527	264	33	20	33	25	34	25	43	41	41	32	25	27	25	38	27	20	26	20	15	18	12	844
528	7829	1013	892	953	1096	1221	1239	1299	1388	1446	1366	1161	1170	1161	1277	1319	1213	1266	1245	1203	1052	730	32539
530	2504	363	382	569	568	649	619	753	966	1116	914	986	1250	1858	2731	2666	2170	2279	2183	2071	1895	1644	31136
532	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	3
534	1507	200	156	165	144	200	189	210	181	191	191	160	197	183	244	198	168	129	140	99	108	83	5043
536	2194	278	269	363	405	571	616	705	688	836	808	1053	1574	2194	3128	3266	2867	3170	2905	2785	2347	2058	35080
540	3789	420	370	444	432	497	520	519	478	502	443	482	581	616	542	532	431	430	495	394	298	321	13536
544	5880	896	851	944	919	1063	1039	963	939	1004	874	908	914	1042	1121	1098	1079	1172	1276	1124	974	978	27058
546	6229	862	836	953	961	1122	1119	1080	1055	1192	1030	1078	1129	1323	1259	1298	1297	1273	1431	1358	1111	1015	30011
548	6963	921	880	910	919	1132	1117	1091	1103	1163	990	1034	1172	1182	1103	1182	1146	1150	1291	1107	883	863	29302
549	5604	627	570	578	524	747	697	648	739	790	711	691	686	780	813	809	824	803	887	720	640	517	20405
552	1280	148	121	96	82	110	120	105	133	124	99	136	133	123	134	128	125	98	138	115	87	77	3712
554	1576	171	139	109	103	118	131	126	158	158	142	152	129	123	149	189	143	205	203	140	130	84	4578
556	2060	250	297	321	274	306	333	402	412	415	349	336	383	360	362	417	391	491	423	335	308	240	9465
558	4004	469	409	408	379	462	427	420	430	483	370	366	321	349	363	356	335	338	342	286	225	163	11705
560	6021	650	627	648	576	692	635	640	672	760	589	554	498	571	622	577	588	635	678	554	406	336	18529
562	4962	483	463	484	461	557	508	506	557	586	491	448	400	483	556	569	525	555	578	550	422	328	15472
564	4455	512	464	455	428	546	534	617	583	596	520	535	490	582	639	612	603	633	646	556	456	403	15865
568	5907	687	629	581	489	598	628	671	745	727	612	592	471	498	706	612	576	701	724	589	501	412	18656
570	734	50	73	74	117	153	127	126	153	156	135	145	127	117	167	135	141	161	134	98	98	80	3301
585	2852	408	320	341	331	405	413	481	423	468	389	395	310	294	408	463	432	411	418	360	285	259	10866
588	412	66	80	96	69	66	52	40	52	115	164	189	205	179	182	165	141	120	127	99	68	42	2729
600	3303	601	691	840	847	1178	1065	1186	1233	1344	1571	1593	1436	1292	2185	2103	2370	2301	2471	2738	2154	1718	36220
601	633	89	129	145	148	183	192	210	212	171	163	213	185	173	231	186	204	224	197	213	205	140	4446
602	646	128	145	159	163	158	181	228	199	193	206	291	229	245	346	304	326	281	249	264	230	219	5390

PATENTS GRANTED BY CLASS BY YEAR (ORs + XRs)

CLASS	1977-																					TOTAL	
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
604	3861	689	836	1071	958	1292	1230	1291	1415	1546	1846	1719	1616	1702	2249	2042	1901	1881	1858	2423	1684	1318	36428
606	1637	371	435	519	502	566	645	770	924	1011	1332	1353	1405	1670	2138	2230	2189	2002	1798	2216	1661	1280	28654
607	1075	213	229	240	220	270	324	325	331	376	504	525	489	479	781	775	884	925	877	978	781	755	12356
623	1000	158	212	321	276	353	363	364	441	320	401	338	497	505	686	734	823	912	964	1011	897	725	12301
700	1987	477	527	600	492	721	615	590	613	719	775	720	818	730	1280	1114	887	1046	1223	1516	1767	1617	20834
701	1198	240	260	374	361	575	562	664	573	579	578	659	709	604	1022	1234	1420	1861	1912	1943	1940	1885	21153
702	1872	325	397	454	408	612	490	484	436	458	545	511	731	695	979	806	828	997	1351	1830	2143	2123	19475
703	123	23	25	40	52	88	75	89	80	117	167	193	274	308	420	453	413	428	348	392	522	591	5221
704	440	79	115	130	122	210	194	187	197	242	252	240	318	475	798	755	679	787	766	615	727	621	8949
705	373	71	84	111	116	203	161	161	157	250	268	205	274	383	745	1005	1062	880	886	969	998	1453	10815
706	15	5	17	30	42	108	154	194	288	388	296	343	343	338	483	258	253	294	299	401	303	350	5202
707	111	27	24	31	30	70	66	68	111	192	239	352	478	592	1261	1391	1341	1536	1842	2015	2163	1987	15927
708	1957	293	267	331	392	532	416	439	423	503	470	444	524	509	683	690	500	484	458	461	481	404	11661
709	119	32	23	38	57	50	69	69	107	150	196	262	470	553	1495	1632	1953	2016	2285	2296	2978	3013	19863
710	776	116	106	150	148	204	184	192	255	355	444	549	915	1047	1533	1489	1458	1399	1396	1550	1939	1622	17827
711	736	130	122	137	147	194	190	180	271	330	481	656	899	972	1385	1375	1381	1514	1715	1820	2072	1972	18679
712	462	84	87	92	133	153	144	131	190	188	239	322	446	527	974	914	768	786	648	620	700	598	9206
713	360	59	83	90	89	136	149	158	164	256	325	422	517	624	1048	1014	1005	1067	1044	1185	1571	1774	13140
714	1357	336	357	474	413	560	462	477	574	632	791	1064	1278	1167	1722	1576	1589	1588	1592	1977	2096	1976	24058
715	208	60	60	95	108	165	141	133	204	263	344	432	604	723	1235	1260	1164	1249	1234	1230	1314	1370	13596
716	52	26	30	41	35	71	56	52	67	94	124	182	237	248	341	321	321	510	688	966	855	830	6147
717	20	5	8	14	19	27	20	21	44	65	115	136	149	196	459	549	484	625	489	546	732	834	5557
718	85	14	8	20	28	37	39	28	56	62	109	135	109	155	269	242	267	314	337	328	455	397	3494
719	17	1	2	9	13	8	15	16	20	30	69	116	113	126	249	289	264	390	409	355	509	460	3480
720	92	49	45	62	75	103	60	103	123	102	89	74	137	118	183	190	153	216	238	214	236	255	2917
725	198	52	64	62	63	61	74	78	68	88	97	138	273	274	426	455	371	328	344	382	439	384	4719
726	14	5	7	9	5	10	18	14	16	21	31	32	61	88	205	287	356	372	282	305	501	305	2944
800	23	7	17	19	23	22	13	29	48	38	99	91	253	282	498	670	631	666	555	525	614	521	5644
901	558	182	219	330	246	313	252	236	214	204	157	154	147	132	185	183	159	165	177	182	148	143	4686
902	330	42	128	156	45	35	27	33	25	32	28	37	31	49	57	64	81	61	40	45	55	62	1463
903	48	5	7	4	5	1	3	4	11	11	27	19	37	33	84	106	107	146	244	247	206	121	1476
930	914	170	180	309	317	255	6	12	58	76	66	38	59	85	79	79	48	46	33	31	40	29	2930
968	2393	183	133	211	176	178	127	6	0	1	0	1	1	0	6	3	2	5	2	2	2	0	3432
976	2842	314	422	710	517	509	258	172	48	9	21	23	23	19	25	5	10	3	4	6	3	3	5946
977	17	2	4	7	7	17	14	22	42	40	60	56	83	94	140	316	170	271	401	604	203	79	2649
984	1902	201	188	282	187	230	182	0	0	0	0	0	0	0	0	0	2	2	2	4	1	0	3183
987	3180	364	302	332	302	309	299	75	2	0	1	1	1	5	4	0	9	5	2	4	2	1	5200
D00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	3
D01	122	10	21	22	31	26	38	67	84	52	47	41	62	51	56	55	68	66	50	43	124	88	1224
D02	942	212	164	220	298	256	281	338	383	481	457	348	383	536	739	614	538	501	507	551	600	506	9855
D03	1516	250	202	215	213	197	369	432	388	450	424	441	443	454	555	589	595	618	572	568	529	468	10488
D04	274	55	63	80	64	59	81	99	95	131	117	161	156	142	168	153	191	204	284	204	144	165	3090
D05	224	11	11	16	29	34	17	31	14	25	13	33	30	40	52	53	98	75	52	41	69	93	1061
D06	5192	733	793	811	813	716	844	1086	1099	1477	1219	1538	1520	1286	1671	1657	1878	1932	1709	1677	1638	1265	32554
D07	3171	441	571	518	465	529	576	582	571	798	736	694	878	674	868	864	1055	1098	844	1049	959	758	18699
D08	3167	417	520	494	572	598	689	801	891	904	920	913	911	894	1184	1157	1375	1111	1043	1201	1118	880	21760
D09	2263	337	363	352	286	299	581	670	531	612	650	669	659	674	811	815	963	948	765	962	740	793	15743
D10	2122	283	285	325	292	352	476	681	575	581	651	783	540	616	789	717	724	758	652	536	574	531	13843
D11	1742	234	203	196	141	227	232	320	305	400	376	477	404	446	498	412	428	495	455	437	415	368	9211
D12	2263	311	445	651	629	634	746	768	758	916	819	780	783	875	1099	997	1263	1131	1099	1113	1319	989	20388

PATENTS GRANTED BY CLASS BY YEAR (ORs + XRs)

CLASS	1977-																						TOTAL
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
D13	923	156	182	156	170	207	327	430	408	385	397	390	388	338	528	685	683	593	676	723	580	594	9919
D14	2212	468	458	569	551	601	804	870	742	958	1048	1096	1099	1076	1354	1375	1642	1426	1487	1790	1786	1343	24755
D15	1604	271	212	216	213	188	257	183	319	382	283	378	365	276	381	381	437	410	430	418	437	343	8384
D16	711	74	110	111	108	96	180	193	211	192	225	232	281	259	406	362	462	365	290	416	322	301	5907
D17	288	56	42	42	39	29	74	92	56	54	80	53	59	49	67	72	39	54	46	60	37	48	1436
D18	999	240	222	225	242	228	296	360	242	301	260	294	287	244	234	222	309	297	219	241	198	159	6319
D19	1185	148	200	154	138	176	247	324	359	367	290	376	238	308	413	413	437	455	423	428	461	380	7920
D20	362	73	64	75	77	41	106	132	107	137	169	156	128	182	219	182	227	154	103	184	145	134	3157
D21	3336	540	505	550	482	619	698	893	828	812	1059	1058	923	883	1213	1128	1203	967	823	862	793	697	20872
D22	834	92	116	155	154	213	184	147	189	153	188	204	225	159	189	196	198	173	178	194	160	150	4451
D23	2133	248	348	385	349	282	415	648	560	494	594	611	576	603	834	864	1038	934	989	935	849	815	15504
D24	2199	347	475	450	412	468	442	521	578	565	598	611	589	502	586	639	736	815	628	740	611	384	13896
D25	1781	113	185	169	143	229	191	203	266	286	335	374	312	343	363	381	407	405	438	384	362	326	7996
D26	970	132	177	216	178	232	233	353	347	308	398	419	505	489	581	595	856	959	730	792	714	530	10714
D27	322	16	25	32	29	27	30	35	12	25	37	37	39	47	90	94	66	85	98	68	78	59	1351
D28	749	143	160	114	135	196	281	197	142	173	281	201	217	215	232	240	420	372	290	306	282	212	5558
D29	247	61	49	45	72	59	78	63	61	81	98	119	109	93	82	93	103	89	116	76	103	67	1964
D30	509	68	62	109	104	82	92	165	168	220	207	211	208	157	134	120	207	135	129	145	142	150	3524
D32	542	97	110	176	138	135	193	218	155	168	225	239	222	239	259	230	336	298	276	314	279	207	5056
D34	574	73	150	209	277	252	230	332	388	389	289	299	219	164	250	226	228	218	213	227	184	105	5496
D99	227	39	42	54	26	43	35	36	55	68	53	84	57	71	86	75	88	113	57	100	114	61	1584
PLT	1373	242	224	229	425	587	318	353	321	442	499	389	367	398	563	422	551	586	1134	994	1019	716	12152
TOTAL	976132	141040		153728		174248		186315		193217		205090		270570		284438		297088		291152		5567170	
	141694		164265		185711		184787		189870		192402		208017		278077		296386		300852		252091		

U.S. PATENT CLASSES AS OF 31-DEC-2005
TITLES ARRANGED IN CLASS NUMBER ORDER

UTILITY CLASSES

CLASS	TITLE
001	** Classification Undetermined **
002	Apparel
004	Baths, Closets, Sinks, and Spittoons
005	Beds
007	Compound Tools
008	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers
012	Boot and Shoe Making
014	Bridges
015	Brushing, Scrubbing, and General Cleaning
016	Miscellaneous Hardware
019	Textiles: Fiber Preparation
023	Chemistry: Physical Processes
024	Buckles, Buttons, Clasps, Etc.
026	Textiles: Cloth Finishing
027	Undertaking
028	Textiles: Manufacturing
029	Metal Working
030	Cutlery
033	Geometrical Instruments
034	Drying and Gas or Vapor Contact with Solids
036	Boots, Shoes, and Leggings
037	Excavating
038	Textiles: Ironing or Smoothing
040	Card, Picture, or Sign Exhibiting
042	Firearms
043	Fishing, Trapping, and Vermin Destroying
044	Fuel and Related Compositions
047	Plant Husbandry
048	Gas: Heating and Illuminating
049	Movable or Removable Closures
051	Abrasive Tool Making Process, Material, or Composition
052	Static Structures (e.g., Buildings)
053	Package Making
054	Harness
055	Gas Separation
056	Harvesters
057	Textiles: Spinning, Twisting, and Twining
059	Chain, Staple, and Horseshoe Making
060	Power Plants
062	Refrigeration
063	Jewelry
065	Glass Manufacturing
066	Textiles: Knitting
068	Textiles: Fluid Treating Apparatus
069	Leather Manufactures
070	Locks
071	Chemistry: Fertilizers
072	Metal Deforming
073	Measuring and Testing
074	Machine Element or Mechanism
075	Specialized Metallurgical Processes, Compositions for Use Therein, Consolidated Metal Powder Compositions, and Loose Metal Particulate Mixtures
076	Metal Tools and Implements, Making
079	Button Making
081	Tools
082	Turning
083	Cutting
084	Music
086	Ammunition and Explosive-Charge Making
087	Textiles: Braiding, Netting, and Lace Making

U.S. PATENT CLASSES AS OF 31-DEC-2005
TITLES ARRANGED IN CLASS NUMBER ORDER

UTILITY CLASSES

CLASS	TITLE
089	Ordnance
091	Motors: Expansible Chamber Type
092	Expansible Chamber Devices
095	Gas Separation: Processes
096	Gas Separation: Apparatus
099	Foods and Beverages: Apparatus
100	Presses
101	Printing
102	Ammunition and Explosives
104	Railways
105	Railway Rolling Stock
106	Compositions: Coating or Plastic
108	Horizontally Supported Planar Surfaces
109	Safes, Bank Protection, or a Related Device
110	Furnaces
111	Planting
112	Sewing
114	Ships
116	Signals and Indicators
117	Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes; Non-Coating Apparatus Therefor
118	Coating Apparatus
119	Animal Husbandry
122	Liquid Heaters and Vaporizers
123	Internal-Combustion Engines
124	Mechanical Guns and Projectors
125	Stone Working
126	Stoves and Furnaces
127	Sugar, Starch, and Carbohydrates
128	Surgery
131	Tobacco
132	Toilet
134	Cleaning and Liquid Contact with Solids
135	Tent, Canopy, Umbrella, or Cane
136	Batteries: Thermoelectric and Photoelectric
137	Fluid Handling
138	Pipes and Tubular Conduits
139	Textiles: Weaving
140	Wireworking
141	Fluent Material Handling, with Receiver or Receiver Coacting Means
142	Wood Turning
144	Woodworking
147	Coopering
148	Metal Treatment
149	Explosive and Thermic Compositions or Charges
150	Purses, Wallets, and Protective Covers
152	Resilient Tires and Wheels
156	Adhesive Bonding and Miscellaneous Chemical Manufacture
157	Wheelwright Machines
159	Concentrating Evaporators
160	Flexible or Portable Closure, Partition, or Panel
162	Paper Making and Fiber Liberation
163	Needle and Pin Making
164	Metal Founding
165	Heat Exchange
166	Wells
168	Farriery
169	Fire Extinguishers

U.S. PATENT CLASSES AS OF 31-DEC-2005
TITLES ARRANGED IN CLASS NUMBER ORDER

UTILITY CLASSES

CLASS	TITLE
171	Unearthing Plants or Buried Objects
172	Earth Working
173	Tool Driving or Impacting
174	Electricity: Conductors and Insulators
175	Boring or Penetrating the Earth
177	Weighing Scales
178	Telegraphy
180	Motor Vehicles
181	Acoustics
182	Fire Escape, Ladder, or Scaffold
184	Lubrication
185	Motors: Spring, Weight, or Animal Powered
186	Merchandising
187	Elevator, Industrial Lift Truck, or Stationary Lift for Vehicle
188	Brakes
190	Trunks and Hand-Carried Luggage
191	Electricity: Transmission To Vehicles
192	Clutches and Power-Stop Control
193	Conveyors, Chutes, Skids, Guides, and Ways
194	Check-Actuated Control Mechanisms
196	Mineral Oils: Apparatus
198	Conveyors: Power-Driven
199	Type Casting
200	Electricity: Circuit Makers and Breakers
201	Distillation: Processes, Thermolytic
202	Distillation: Apparatus
203	Distillation: Processes, Separatory
204	Chemistry: Electrical and Wave Energy
205	Electrolysis: Processes, Compositions Used Therein, and Methods of Preparing the Compositions
206	Special Receptacle or Package
208	Mineral Oils: Processes and Products
209	Classifying, Separating, and Assorting Solids
210	Liquid Purification or Separation
211	Supports: Racks
212	Traversing Hoists
213	Railway Draft Appliances
215	Bottles and Jars
216	Etching a Substrate: Processes
217	Wooden Receptacles
218	High-Voltage Switches with Arc Preventing or Extinguishing Devices
219	Electric Heating
220	Receptacles
221	Article Dispensing
222	Dispensing
223	Apparel Apparatus
224	Package and Article Carriers
225	Severing by Tearing or Breaking
226	Advancing Material of Indeterminate Length
227	Elongated-Member-Driving Apparatus
228	Metal Fusion Bonding
229	Envelopes, Wrappers, and Paperboard Boxes
231	Whips and Whip Apparatus
232	Deposit and Collection Receptacles
234	Selective Cutting (e.g., Punching)
235	Registers
236	Automatic Temperature and Humidity Regulation

U.S. PATENT CLASSES AS OF 31-DEC-2005
TITLES ARRANGED IN CLASS NUMBER ORDER

UTILITY CLASSES

CLASS	TITLE
237	Heating Systems
238	Railways: Surface Track
239	Fluid Sprinkling, Spraying, and Diffusing
241	Solid Material Comminution or Disintegration
242	Winding, Tensioning, or Guiding
244	Aeronautics
245	Wire Fabrics and Structure
246	Railway Switches and Signals
248	Supports
249	Static Molds
250	Radiant Energy
251	Valves and Valve Actuation
252	Compositions
254	Implements or Apparatus for Applying Pushing or Pulling Force
256	Fences
257	Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)
258	Railway Mail Delivery
260	Chemistry of Carbon Compounds
261	Gas and Liquid Contact Apparatus
264	Plastic and Nonmetallic Article Shaping or Treating: Processes
266	Metallurgical Apparatus
267	Spring Devices
269	Work Holders
270	Sheet-Material Associating
271	Sheet Feeding or Delivering
273	Amusement Devices: Games
276	Typesetting
277	Seal for a Joint or Junction
278	Land Vehicles: Animal Draft Appliances
279	Chucks or Sockets
280	Land Vehicles
281	Books, Strips, and Leaves
283	Printed Matter
285	Pipe Joints or Couplings
289	Knots and Knot Tying
290	Prime-Mover Dynamo Plants
291	Track Sanders
292	Closure Fasteners
293	Vehicle Fenders
294	Handling: Hand and Hoist-Line Implements
295	Railway Wheels and Axles
296	Land Vehicles: Bodies and Tops
297	Chairs and Seats
298	Land Vehicles: Dumping
299	Mining or In Situ Disintegration of Hard Material
300	Brush, Broom, and Mop Making
301	Land Vehicles: Wheels and Axles
303	Fluid-Pressure and Analogous Brake Systems
305	Wheel Substitutes for Land Vehicles
307	Electrical Transmission or Interconnection Systems
310	Electrical Generator or Motor Structure
312	Supports: Cabinet Structure
313	Electric Lamp and Discharge Devices
314	Electric Lamp and Discharge Devices: Consumable Electrodes
315	Electric Lamp and Discharge Devices: Systems

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UTILITY CLASSES

CLASS	TITLE
318	Electricity: Motive Power Systems
320	Electricity: Battery or Capacitor Charging or Discharging
322	Electricity: Single Generator Systems
323	Electricity: Power Supply or Regulation Systems
324	Electricity: Measuring and Testing
326	Electronic Digital Logic Circuitry
327	Miscellaneous Active Electrical Nonlinear Devices, Circuits, and Systems
329	Demodulators
330	Amplifiers
331	Oscillators
332	Modulators
333	Wave Transmission Lines and Networks
334	Tuners
335	Electricity: Magnetically Operated Switches, Magnets, and Electromagnets
336	Inductor Devices
337	Electricity: Electrothermally or Thermally Actuated Switches
338	Electrical Resistors
340	Communications: Electrical
341	Coded Data Generation or Conversion
342	Communications: Directive Radio Wave Systems and Devices (e.g., Radar, Radio Navigation)
343	Communications: Radio Wave Antennas
345	Computer Graphics Processing and Selective Visual Display Systems
346	Recorders
347	Incremental Printing of Symbolic Information
348	Television
349	Liquid Crystal Cells, Elements and Systems
351	Optics: Eye Examining, Vision Testing and Correcting
352	Optics: Motion Pictures
353	Optics: Image Projectors
355	Photocopying
356	Optics: Measuring and Testing
358	Facsimile and Static Presentation Processing
359	Optical: Systems and Elements
360	Dynamic Magnetic Information Storage or Retrieval
361	Electricity: Electrical Systems and Devices
362	Illumination
363	Electric Power Conversion Systems
365	Static Information Storage and Retrieval
366	Agitating
367	Communications, Electrical: Acoustic Wave Systems and Devices
368	Horology: Time Measuring Systems or Devices
369	Dynamic Information Storage or Retrieval
370	Multiplex Communications
372	Coherent Light Generators
373	Industrial Electric Heating Furnaces
374	Thermal Measuring and Testing
375	Pulse or Digital Communications
376	Induced Nuclear Reactions: Processes, Systems, and Elements
377	Electrical Pulse Counters, Pulse Dividers, or Shift Registers: Circuits and Systems
378	X-Ray or Gamma Ray Systems or Devices

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UTILITY CLASSES

CLASS	TITLE
379	Telephonic Communications
380	Cryptography
381	Electrical Audio Signal Processing Systems and Devices
382	Image Analysis
383	Flexible Bags
384	Bearings
385	Optical Waveguides
386	Television Signal Processing for Dynamic Recording or Reproducing
388	Electricity: Motor Control Systems
392	Electric Resistance Heating Devices
396	Photography
398	Optical Communications
399	Electrophotography
400	Typewriting Machines
401	Coating Implements with Material Supply
402	Binder Device Releasably Engaging Aperture or Notch of Sheet
403	Joints and Connections
404	Road Structure, Process, or Apparatus
405	Hydraulic and Earth Engineering
406	Conveyors: Fluid Current
407	Cutters, for Shaping
408	Cutting by Use of Rotating Axially Moving Tool
409	Gear Cutting, Milling, or Planing
410	Freight Accommodation On Freight Carrier
411	Expanded, Threaded, Driven, Headed, Tool-Deformed, or Locked-Threaded Fastener
412	Bookbinding: Process and Apparatus
413	Sheet Metal Container Making
414	Material or Article Handling
415	Rotary Kinetic Fluid Motors or Pumps
416	Fluid Reaction Surfaces (i.e., Impellers)
417	Pumps
418	Rotary Expansible Chamber Devices
419	Powder Metallurgy Processes
420	Alloys or Metallic Compositions
422	Chemical Apparatus and Process Disinfecting, Deodorizing, Preserving, or Sterilizing
423	Chemistry of Inorganic Compounds
424	Drug, Bio-Affecting and Body Treating Compositions
425	Plastic Article or Earthenware Shaping or Treating: Apparatus
426	Food or Edible Material: Processes, Compositions, and Products
427	Coating Processes
428	Stock Material or Miscellaneous Articles
429	Chemistry: Electrical Current Producing Apparatus, Product, and Process
430	Radiation Imagery Chemistry: Process, Composition, or Product Thereof
431	Combustion
432	Heating
433	Dentistry
434	Education and Demonstration
435	Chemistry: Molecular Biology and Microbiology
436	Chemistry: Analytical and Immunological Testing
438	Semiconductor Device Manufacturing: Process
439	Electrical Connectors

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UTILITY CLASSES

CLASS	TITLE
440	Marine Propulsion
441	Buoys, Rafts, and Aquatic Devices
442	Fabric (Woven, Knitted, or Nonwoven Textile or Cloth, Etc.)
445	Electric Lamp or Space Discharge Component or Device Manufacturing
446	Amusement Devices: Toys
449	Bee Culture
450	Foundation Garments
451	Abrading
452	Butchering
453	Coin Handling
454	Ventilation
455	Telecommunications
460	Crop Threshing or Separating
462	Books, Strips, and Leaves for Manifolding
463	Amusement Devices: Games
464	Rotary Shafts, Gudgeons, Housings, and Flexible Couplings for Rotary Shafts
470	Threaded, Headed Fastener, or Washer Making: Process and Apparatus
472	Amusement Devices
473	Games Using Tangible Projectile
474	Endless Belt Power Transmission Systems or Components
475	Planetary Gear Transmission Systems or Components
476	Friction Gear Transmission Systems or Components
477	Interrelated Power Delivery Controls, Including Engine Control
482	Exercise Devices
483	Tool Changing
492	Roll or Roller
493	Manufacturing Container or Tube From Paper; or Other Manufacturing From a Sheet or Web
494	Imperforate Bowl: Centrifugal Separators
501	Compositions: Ceramic
502	Catalyst, Solid Sorbent, or Support Therefor: Product or Process of Making
503	Record Receiver Having Plural Interactive Leaves or a Colorless Color Former, Method of Use, or Developer Therefor
504	Plant Protecting and Regulating Compositions
505	Superconductor Technology: Apparatus, Material, Process
507	Earth Boring, Well Treating, and Oil Field Chemistry
508	Solid Anti-Friction Devices, Materials Therefor, Lubricant or Separant Compositions for Moving Solid Surfaces, and Miscellaneous Mineral Oil Compositions
510	Cleaning Compositions for Solid Surfaces, Auxiliary Compositions Therefor, or Processes of Preparing the Compositions
512	Perfume Compositions
514	Drug, Bio-Affecting and Body Treating Compositions
516	Colloid Systems and Wetting Agents; Subcombinations Thereof; Processes Of
518	Chemistry: Fischer-Tropsch Processes; or Purification or Recovery of Products Thereof
520	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series
521	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series
522	Synthetic Resins or Natural Rubbers -- Part of the Class 520

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UTILITY CLASSES

CLASS	TITLE
523	Series Synthetic Resins or Natural Rubbers -- Part of the Class 520
524	Series Synthetic Resins or Natural Rubbers -- Part of the Class 520
525	Series Synthetic Resins or Natural Rubbers -- Part of the Class 520
526	Series Synthetic Resins or Natural Rubbers -- Part of the Class 520
527	Series Synthetic Resins or Natural Rubbers -- Part of the Class 520
528	Series Synthetic Resins or Natural Rubbers -- Part of the Class 520
530	Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins or Reaction Products Thereof
532	Organic Compounds -- Part of the Class 532-570 Series
534	Organic Compounds -- Part of the Class 532-570 Series
536	Organic Compounds -- Part of the Class 532-570 Series
540	Organic Compounds -- Part of the Class 532-570 Series
544	Organic Compounds -- Part of the Class 532-570 Series
546	Organic Compounds -- Part of the Class 532-570 Series
548	Organic Compounds -- Part of the Class 532-570 Series
549	Organic Compounds -- Part of the Class 532-570 Series
552	Organic Compounds -- Part of the Class 532-570 Series
554	Organic Compounds -- Part of the Class 532-570 Series
556	Organic Compounds -- Part of the Class 532-570 Series
558	Organic Compounds -- Part of the Class 532-570 Series
560	Organic Compounds -- Part of the Class 532-570 Series
562	Organic Compounds -- Part of the Class 532-570 Series
564	Organic Compounds -- Part of the Class 532-570 Series
568	Organic Compounds -- Part of the Class 532-570 Series
570	Organic Compounds -- Part of the Class 532-570 Series
585	Chemistry of Hydrocarbon Compounds
588	Hazardous or Toxic Waste Destruction or Containment
600	Surgery
601	Surgery: Kinesitherapy
602	Surgery: Splint, Brace, or Bandage
604	Surgery
606	Surgery
607	Surgery: Light, Thermal, and Electrical Application
623	Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor
700	Data Processing: Generic Control Systems or Specific Applications
701	Data Processing: Vehicles, Navigation, and Relative Location
702	Data Processing: Measuring, Calibrating, or Testing
703	Data Processing: Structural Design, Modeling, Simulation, and Emulation
704	Data Processing: Speech Signal Processing, Linguistics, Language Translation, and Audio Compression/Decompression
705	Data Processing: Financial, Business Practice, Management, or Cost/Price Determination
706	Data Processing: Artificial Intelligence
707	Data Processing: Database and File Management or Data Structures
708	Electrical Computers: Arithmetic Processing and Calculating
709	Electrical Computers and Digital Processing Systems:

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UTILITY CLASSES

CLASS	TITLE
	Multicomputer Data Transferring or Plural Processor Synchronization
710	Electrical Computers and Digital Data Processing Systems: Input/Output
711	Electrical Computers and Digital Processing Systems: Memory
712	Electrical Computers and Digital Processing Systems: Processing Architectures and Instruction Processing (e.g., Processors)
713	Electrical Computers and Digital Processing Systems: Support
714	Error Detection/Correction and Fault Detection/Recovery
715	Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing
716	Data Processing: Design and Analysis of Circuit or Semiconductor Mask
717	Data Processing: Software Development, Installation, and Management
718	Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control
719	Electrical Computers and Digital Processing Systems: Interprogram Communication or Interprocess Communication (Ipc)
720	Dynamic Optical Information Storage or Retrieval
725	Interactive Video Distribution Systems
726	Information Security
800	Multicellular Living Organisms and Unmodified Parts Thereof and Related Processes
901	Robots
902	Electronic Funds Transfer
903	Hybrid Electric Vehicles (HEVs)
930	Peptide or Protein Sequence
968	Horology
976	Nuclear Technology
977	Nanotechnology
984	Musical Instruments
987	Organic Compounds Containing a Bi, Sb, As, or P Atom or Containing a Metal Atom of the 6th To 8th Group of the Periodic System

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DESIGN AND PLANT CLASSES

CLASS	TITLE
D00	** Design Classification Undetermined **
D01	Edible Products
D02	Apparel and Haberdashery
D03	Travel Goods and Personal Belongings
D04	Brushware
D05	Textile or Paper Yard Goods; Sheet Material
D06	Furnishings
D07	Equipment for Preparing or Serving Food or Drink Not Elsewhere Specified
D08	Tools and Hardware
D09	Packages and Containers for Goods
D10	Measuring, Testing, or Signalling Instruments
D11	Jewelry, Symbolic Insignia, and Ornaments
D12	Transportation
D13	Equipment for Production, Distribution, or Transformation of Energy
D14	Recording, Communication, or Information Retrieval Equipment
D15	Machines Not Elsewhere Specified
D16	Photography and Optical Equipment
D17	Musical Instruments
D18	Printing and Office Machinery
D19	Office Supplies; Artists` and Teachers` Materials
D20	Sales and Advertising Equipment
D21	Games, Toys, and Sports Goods
D22	Arms, Pyrotechnics, Hunting and Fishing Equipment
D23	Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment
D24	Medical and Laboratory Equipment
D25	Building Units and Construction Elements
D26	Lighting
D27	Tobacco and Smokers' Supplies
D28	Cosmetic Products and Toilet Articles
D29	Equipment for Safety, Protection, and Rescue (1)
D30	Animal Husbandry
D32	Washing, Cleaning, or Drying Machine
D34	Material or Article Handling Equipment
D99	Miscellaneous
PLT	Plants