

## Annual Statistics

### Patent Applications Filed & Disposed

#### A. General Statistics of Patent Cases (1984-2008)

Year	Item	Application	Approval	Certificate Issued	Published Certificate
1984		22,013	8,592	8,005	–
1985		23,870	9,427	8,886	–
1986		26,198	10,526	8,498	–
1987		28,900	10,615	8,263	–
1988		29,511	12,355	9,622	–
1989		32,103	19,265	15,975	–
1990		34,343	22,601	19,623	–
1991		36,127	27,281	24,235	–
1992		38,554	21,264	20,142	–
1993		41,185	22,317	19,266	–
1994		42,412	19,032	15,136	–
1995		43,461	29,707	22,907	–
1996		47,055	29,469	25,529	–
1997		53,164	29,356	26,935	–
1998		54,003	25,051	23,640	–
1999		51,921	29,144	24,338	–
2000		61,231	38,665	31,096	–
2001		67,860	53,789	43,277	–
2002		61,402	45,042	44,101	–
2003		65,742	53,034	42,082	–
2004		72,082	27,717	66,490	21,893
2005		79,442	–	58,306	57,236
2006		80,988	–	49,315	48,774
2007		81,834	–	49,290	49,006
<b>2008</b>		<b>83,613</b>	<b>–</b>	<b>42,366</b>	<b>42,283</b>

Note : "Application" is the number of applications for each individual year.

"Approval" is the number of published approvals. This system was replaced by the published certificate system on July 1, 2004, which issues a certificate at the same time the approval is published. "Certificate Issued" is the number of certificates actually being issued.

## B. Statistics on Patent from 1999 to 2008

### 1. Patent Cases Filed & Disposed

Year	Item	Application	Re-examination	Opposition	Invalidation	Assignment	Licensing
1999		51,921	8,227	2,074	653	1,490	137
2000		61,231	7,103	2,266	583	2,013	188
2001		67,860	10,463	2,596	701	1,598	111
2002		61,402	11,728	1,734	591	2,365	140
2003		65,742	13,325	1,867	512	3,561	199
2004		72,082	7,084	1,197	811	3,835	431
2005		79,442	1,786	—	1,583	3,779	257
2006		80,988	2,545	—	1,294	4,261	235
2007		81,834	2,607	—	1,159	4,314	412
<b>2008</b>	<b>83,613</b>	<b>1,738</b>	—	<b>1,034</b>	<b>4,685</b>	<b>108</b>	

Note: 1. The figures for "Application," "Re-examination," "Opposition," and "Invalidation" reflect the total number of cases applied each year.  
 2. The figures for "Assignment" and "Licensing" reflect the total number of cases concluded each year.  
 3. The drop in re-examination applications is due to the fact that examination for utility model patents was changed to formality examination from July 1, 2004, thus no more re-examination applications were filed.  
 4. Due to the fact that the opposition system was abolished by the newly promulgated Patent Act of July 1, 2004. Thus no more opposition applications were filed after October 2004.

### 2. Invention Patents Filed & Disposed

Year	Item	Application	Pre-grant Publication	Request for Examination	Re-examination	Rejection	Approval	Certificate Issued	Published Certificate
1999		22,161	—	—	4,945	8,251	11,280	10,022	—
2000		28,451	—	—	4,390	8,089	15,657	13,061	—
2001		33,392	—	—	6,298	10,381	24,429	21,012	—
2002		31,616	—	3,040	7,413	12,031	23,036	22,616	—
2003		35,823	8,194	21,269	8,503	14,354	25,134	21,752	—
2004		41,919	28,917	27,334	5,528	9,216	14,688	28,583	5,766
2005		47,841	41,441	34,488	1,482	4,886	—	20,800	20,626
2006		50,111	44,778	43,348	2,129	6,028	—	23,324	23,228
2007		51,676	46,979	46,093	2,314	5,353	—	22,315	22,218
<b>2008</b>	<b>51,909</b>	<b>50,140</b>	<b>45,938</b>	<b>1,537</b>	<b>5,115</b>	—	<b>12,891</b>	<b>12,867</b>	

Note: 1. The number of rejections is based on the number of rejections after examination and re-examination.  
 "Approval" is the number of published approvals. This system was replaced by the published certificate system on July 1, 2004, which issues the certificate at the same time the approval is published. "Certificate Issued" is the number of certificates actually being issued.  
 2. The figures for pre-grant publication are sourced from the total number of pre-grant publication applications.  
 The pre-grant publication system was implemented on October 26, 2002. Figures reflecting cases from such system were available as of May 1, 2003.  
 3. The number of request for examination is the total number of applications filed pursuant to Article 37 of the Patent Act for each individual year. This system has been implemented since October 26, 2002.

### 3. Utility Model Patents Filed & Disposed

Item Year	Application	Re-examination	Rejection	Approval	Certificate Issued	Published Certificate	Requests for Technical Evaluation Report	Preparation of Technical Evaluation Report	
1999	21,481	2,130	7,660	14,298	11,883	—	—	—	
2000	23,728	1,763	8,468	15,990	12,945	—	—	—	
2001	25,370	2,797	9,668	21,212	16,680	—	—	—	
2002	21,750	3,100	9,493	16,115	15,200	—	—	—	
2003	21,935	3,551	11,165	21,439	15,505	—	—	—	
2004	21,518	1,035	3,303	9,492	30,434	14,064	496	0	
2005	23,226	—	295	—	30,926	30,118	2,431	1,155	
2006	23,279	—	108	—	19,828	19,407	2,278	2,784	
2007	22,715	—	144	—	20,950	20,769	2,578	2,074	
<b>2008</b>	<b>23,953</b>	<b>—</b>	<b>226</b>	<b>—</b>	<b>23,468</b>	<b>23,411</b>	<b>2,650</b>	<b>2,646</b>	

Note: 1. The number of rejections is based on the number of rejections after examination and re-examination.

"Approval" is the number of published approvals. This system was replaced by the published certificate system on July 1, 2004, which issues the certificate at the same time the approval is published. "Certificate Issued" is the number of certificates actually being issued.

2. "Requests for Technical Evaluation Report" is the number of applications for technical evaluation.

"Preparation of Technical Evaluation Report" is the number of requests received and technical evaluation report prepared. The system took effect on July 1, 2004.

3. In accordance with the Patent Act amendment of July 1, 2004, examination of utility model patent is changed to formality examination, thus no re-examination cases from 2005 on.

### 4. Design Patents Filed & Disposed

Item Year	Application	Re-examination	Rejection	Approval	Certificate Issued	Published Certificate	
1999	8,279	1,152	5,380	3,566	2,433	—	
2000	9,052	950	5,559	7,018	5,090	—	
2001	9,098	1,368	5,312	8,148	5,585	—	
2002	8,036	1,215	4,091	5,891	6,285	—	
2003	7,984	1,271	3,464	6,461	4,825	—	
2004	8,645	521	1,864	3,537	7,473	2,063	
2005	8,375	304	1,793	—	6,580	6,492	
2006	7,598	416	1,758	—	6,163	6,139	
2007	7,443	293	1,437	—	6,025	6,019	
<b>2008</b>	<b>7,751</b>	<b>201</b>	<b>1,288</b>	<b>—</b>	<b>6,007</b>	<b>6,005</b>	

Note: The number of rejections is based on the number of rejections after examination and re-examination.

"Approval" is the number of published approvals. This system was replaced by the published certificate system on July 1, 2004, which issues the certificate at the same time the approval is published. "Certificate Issued" is the number of certificates actually being issued.

## 5. Patent Opposition Disposal and Invalidation

Year	Item	Opposition		Invalidation		
		Sustained	Denied	Sustained	Denied	
1999		685	1,022	282	376	
2000		569	975	200	336	
2001		760	1,343	168	287	
2002		835	1,466	194	353	
2003		524	973	261	366	
2004		648	1,279	142	266	
2005		460	1,096	172	370	
2006		210	448	354	504	
2007		42	67	605	743	
<b>2008</b>		<b>6</b>	<b>11</b>	<b>523</b>	<b>646</b>	

Note: 1. The figures reflect the total cases concluded each year.  
2. In addition to sustained and denied cases, other conditions such as withdraw or rejection are not included in the chart.

## 6. Statistics of Patent Administrative Remedy Filed and Revoked

Year	Item	Petition			Re-petition			Administrative Litigation (include appeal for re-examination)			Total			
		Filed	Revoked	Percentage revoked	Filed	Revoked	Percentage revoked	Filed	Revoked	Percentage revoked	Filed	Revoked	Percentage revoked	
1999		1,357	223	16.43	599	0	0	406	12	2.96	2,362	235	9.95	
2000		1,297	209	16.11	342	0	0	481	7	1.46	2,120	216	10.19	
2001		1,256	65	5.18	–	–	–	208	23	11.06	1,464	88	6.01	
2002		1,849	65	3.52	–	–	–	693	34	4.91	2,542	99	3.89	
2003		1,373	88	6.41	–	–	–	519	44	8.48	1,892	132	6.98	
2004		1,242	103	8.29	–	–	–	555	40	7.21	1,797	143	7.96	
2005		1,085	96	8.85	–	–	–	562	38	6.76	1,647	134	8.14	
2006		737	91	12.35	–	–	–	534	28	5.24	1,271	119	9.36	
2007		685	45	6.57	–	–	–	486	22	4.53	1,171	67	5.72	
<b>2008</b>		<b>531</b>	<b>57</b>	<b>10.73</b>	–	–	–	<b>348</b>	<b>33</b>	<b>9.48</b>	<b>879</b>	<b>90</b>	<b>10.24</b>	

Note: 1. Since revision and implementation of the Administrative Appeal Act and the Administrative Litigation Act on July 1, 2000, the re-petition procedure has been revoked and there has been no re-petition cases since 2001.  
2. Cases of petition filed with the Ministry of Economic Affairs in the year are cases where applicants consider his/her right or interest was unlawfully or improperly injured by TIPO's administrative action.  
3. Cases being revoked in petition are the number of cases decided by the Petitions and Appeals Committee, Ministry of Economic Affairs for revocation against TIPO administrative dispositions.  
4. Cases of administrative litigation filed are the number of cases the applicant opposes petition decision in accordance with articles 4, 238 and 273 of the Administrative Litigation Act, and bring to the first instance, appeal and retrial of the administrative litigation in sequence.  
5. Cases of administrative litigation revoked are the number of cases adjudicated for revocation in the year by the Supreme Administrative Court against TIPO administrative dispositions.



## C. Statistics on Patent – by Classification

### 1. Invention Applications and Certificates Issued by Classification (2006-2008)

Class	Application			Published Certificate		
	2005	2006	2007	2006	2007	2008
A01	330	308	347	139	149	68
A21	21	25	18	13	14	10
A22	2	5	2	3	3	2
A23	220	253	233	92	64	53
A24	12	11	23	8	12	3
A41	53	77	88	16	27	9
A42	22	41	50	10	3	4
A43	64	63	47	59	25	15
A44	73	65	49	59	21	26
A45	64	83	94	50	28	20
A46	20	25	19	7	10	7
A47	371	380	494	186	223	112
A61	2,204	2,134	2,232	651	762	388
A62	46	41	47	18	10	9
A63	331	468	523	180	157	162
B01	421	505	504	209	213	160
B02	23	16	17	11	9	6
B03	8	14	15	4	7	4
B04	2	4	3	0	4	0
B05	215	193	234	78	146	93
B06	7	8	11	4	1	1
B07	7	16	10	2	7	4
B08	62	85	84	39	35	15
B09	24	25	27	20	19	10
B21	119	132	170	87	97	64
B22	114	95	93	40	60	34
B23	418	434	482	201	233	216
B24	180	193	182	49	190	68
B25	331	356	395	167	192	83
B26	64	84	70	40	45	31
B27	33	35	42	13	11	4
B28	12	17	19	8	10	1
B29	456	492	527	248	230	128
B30	22	22	24	16	8	2
B31	16	12	15	6	4	0
B32	275	338	323	137	124	92
B41	376	436	324	259	231	145
B42	37	29	59	17	19	2
B43	45	41	36	11	18	19
B44	33	37	40	17	13	9
B60	443	469	493	260	182	233

Class	Application			Published Certificate			
	2005	2006	2007	2006	2007	2008	
B61	19	21	30	7	17	7	
B62	396	359	415	300	320	138	
B63	35	27	46	11	11	28	
B64	10	21	5	6	2	8	
B65	712	675	672	251	469	192	
B66	75	75	82	41	52	33	
B67	25	26	29	7	12	11	
B68	0	1	0	0	0	0	
B81	87	45	81	35	51	24	
B82	23	20	30	2	11	2	
C01	307	245	250	125	117	63	
C02	117	125	136	43	43	37	
C03	226	229	227	87	84	48	
C04	133	123	141	72	39	41	
C05	12	11	7	3	4	3	
C06	1	1	3	1	2	0	
C07	1,402	1,847	1,942	466	456	342	
C08	1,377	1,445	1,431	534	514	470	
C09	981	844	896	305	336	316	
C10	77	97	121	26	37	15	
C11	62	60	67	32	24	17	
C12	301	312	271	97	127	74	
C13	0	1	2	0	0	1	
C14	3	4	8	3	2	0	
C21	45	43	40	11	28	11	
C22	147	132	112	78	56	45	
C23	478	566	449	219	195	118	
C25	111	180	126	90	57	37	
C30	67	68	113	47	34	25	
C40	0	1	0	0	0	0	
D01	88	59	73	19	39	31	
D02	25	7	22	9	5	5	
D03	27	30	31	12	10	12	
D04	64	65	82	22	45	28	
D05	61	52	52	27	20	17	
D06	145	156	121	72	97	52	
D07	1	1	4	1	2	0	
D21	55	49	56	23	34	13	
E01	32	39	26	12	13	8	
E02	54	60	52	12	16	11	
E03	34	38	53	17	9	2	
E04	155	178	224	73	79	24	

Class	Application			Published Certificate			
	2005	2006	2007	2006	2007	2008	
E05	133	165	170	65	96	40	
E06	65	84	71	32	27	21	
E21	15	10	12	5	5	3	
E99	0	0	0	0	0	0	
F01	84	92	64	43	38	31	
F02	157	137	96	81	65	48	
F03	35	84	109	7	10	10	
F04	212	210	235	89	111	55	
F15	25	21	20	15	13	13	
F16	501	586	672	297	265	239	
F17	34	23	24	23	17	12	
F21	186	215	385	112	59	73	
F22	4	9	5	6	2	3	
F23	56	73	60	31	29	18	
F24	176	170	194	93	97	67	
F25	116	82	95	35	63	22	
F26	15	23	22	8	12	4	
F27	14	33	26	2	7	3	
F28	194	130	93	64	88	58	
F41	34	31	26	24	19	7	
F42	3	2	4	4	4	0	
F99	0	0	0	0	0	0	
G01	1,610	1,712	1,984	840	1,064	455	
G02	3,018	2,890	2,671	1,376	1,532	688	
G03	1,326	1,427	1,476	570	565	362	
G04	29	33	42	20	11	1	
G05	307	365	315	162	159	74	
G06	4,332	3,974	4,369	1,999	1,844	1,077	
G07	69	85	75	28	22	26	
G08	187	146	208	45	82	97	
G09	1,267	1,446	1,235	599	727	328	
G10	103	138	139	66	70	44	
G11	1,982	1,844	1,559	1,206	927	533	
G12	8	26	13	4	7	5	
G21	26	43	64	19	22	4	
H01	8,116	8,632	8,980	4,944	3,975	2,278	
H02	801	929	1,003	265	407	256	
H03	746	929	899	268	365	183	
H04	4,013	4,681	4,822	2,291	1,494	552	
H05	1,861	1,773	1,888	858	833	556	
X	435	452	557	0	0	0	

Note: Patent application figures, in consideration of the time period differentiated between application collection and classification, may not be available by the publication deadline for the annual report. Therefore, figures from prior three years are used as the basis of the said statistics.

## 2. Utility Model Applications and Certificates Issued by Classification (2006-2008)

Class	Application			Published Certificate		
	2005	2006	2007	2006	2007	2008
A01	526	479	495	418	414	484
A21	45	34	23	40	22	27
A22	9	7	5	7	5	8
A23	112	79	101	80	73	74
A24	19	15	28	16	16	26
A41	354	312	261	289	243	244
A42	86	99	95	66	86	83
A43	217	187	173	174	148	178
A44	126	124	89	106	102	101
A45	381	416	425	332	397	394
A46	37	33	31	29	29	37
A47	2,004	1,975	1,888	1,652	1,732	1,940
A61	1,005	949	833	834	818	846
A62	83	66	86	68	74	72
A63	811	779	731	664	677	732
B01	231	241	246	174	228	293
B02	30	42	23	25	33	33
B03	6	4	8	3	7	3
B04	3	3	2	0	3	6
B05	181	160	145	130	157	158
B06	2	1	1	1	1	2
B07	26	27	26	20	20	32
B08	41	38	42	36	30	48
B09	8	7	8	6	6	11
B21	95	93	90	103	76	83
B22	16	14	14	9	14	15
B23	362	385	409	303	394	414
B24	139	127	113	114	109	115
B25	474	579	433	430	501	471
B26	137	119	133	120	104	118
B27	117	84	78	97	67	97
B28	21	22	13	18	21	15
B29	173	196	184	159	172	219
B30	14	28	23	21	22	17
B31	13	22	19	19	16	16
B32	104	115	112	94	103	109
B41	101	112	123	88	96	135
B42	103	94	103	75	91	101
B43	123	103	143	100	104	119
B44	68	68	58	50	66	49
B60	1,026	939	859	831	807	826
B61	3	5	4	6	2	6

Class	Application			Published Certificate			
	2005	2006	2007	2006	2007	2008	
B62	613	604	652	510	558	725	
B63	55	41	48	42	34	37	
B64	8	2	11	6	8	3	
B65	1,178	1,208	1,112	997	1,073	1,121	
B66	62	76	59	64	65	46	
B67	21	21	24	13	23	24	
B68	0	2	2	1	3	4	
B81	5	3	3	4	3	5	
B82	0	0	0	0	0	2	
C01	10	8	18	5	9	11	
C02	65	63	69	47	65	64	
C03	16	8	17	8	11	19	
C04	5	3	6	4	2	5	
C05	3	3	6	1	3	8	
C06	2	0	0	1	0	0	
C07	0	0	0	0	0	0	
C08	6	4	4	0	3	5	
C09	19	11	16	8	13	16	
C10	2	3	4	2	2	5	
C11	10	10	9	3	9	12	
C12	12	14	10	13	8	15	
C13	0	0	1	0	1	0	
C14	1	6	2	4	3	1	
C21	3	3	3	3	2	7	
C22	2	4	0	3	1	1	
C23	12	10	21	7	10	36	
C25	22	31	32	17	36	22	
C30	1	6	2	5	4	3	
C40	0	0	0	0	0	0	
D01	13	11	22	9	14	14	
D02	3	2	16	2	6	9	
D03	20	15	30	17	15	31	
D04	52	69	63	51	61	63	
D05	53	70	63	63	46	71	
D06	89	91	106	79	87	97	
D07	4	2	4	1	2	4	
D21	7	3	3	6	3	9	
E01	65	48	46	61	40	36	
E02	57	56	78	47	58	67	
E03	134	112	114	99	108	116	
E04	464	468	482	365	463	513	
E05	415	390	345	338	334	347	

Class	Application			Published Certificate			
	2005	2006	2007	2006	2007	2008	
E06	398	408	300	375	307	306	
E21	1	8	7	5	7	5	
E99	1	0	0	0	0	0	
F01	52	67	75	63	47	69	
F02	103	102	75	96	74	92	
F03	45	88	97	49	86	109	
F04	201	216	212	182	179	204	
F15	11	7	9	4	10	7	
F16	853	824	863	719	763	905	
F17	28	26	22	20	18	23	
F21	370	433	547	332	402	715	
F22	2	3	7	1	2	9	
F23	132	96	112	93	96	93	
F24	459	486	502	380	435	546	
F25	58	66	68	62	54	63	
F26	18	22	25	21	18	31	
F27	10	5	11	8	9	11	
F28	71	36	64	46	45	68	
F41	120	58	65	63	43	84	
F42	13	38	22	17	38	8	
F99	0	2	5	0	0	1	
G01	404	414	395	371	374	447	
G02	482	478	494	388	456	556	
G03	123	158	171	110	136	189	
G04	38	44	36	43	31	39	
G05	38	45	35	37	39	43	
G06	1,167	1,089	978	957	1,006	1,018	
G07	64	91	74	54	78	70	
G08	104	89	134	94	94	116	
G09	217	236	213	173	211	202	
G10	64	50	62	50	49	67	
G11	247	202	153	193	165	171	
G12	8	10	10	7	6	7	
G21	0	0	6	0	2	6	
H01	2,157	2,475	2,605	1,886	2,353	2,909	
H02	327	384	436	308	358	430	
H03	27	33	51	23	41	45	
H04	790	703	594	673	592	555	
H05	826	950	833	791	873	861	
X	188	172	170	0	0	0	

Note: Patent application figures, in consideration of the time period differentiated between application collection and classification, may not be available by the publication deadline for the annual report. Therefore, figures from prior three years are used as the basis of the said statistics.

### 3.Design Applications and Certificates Issued by Classification (2006~2008)

Class	Application			Published Certificate			
	2005	2006	2007	2006	2007	2008	
01	44	17	18	13	5	14	
02	191	302	306	137	210	268	
03	179	148	125	115	118	103	
04	32	49	31	20	39	31	
05	77	49	35	79	32	30	
06	375	346	320	285	263	288	
07	328	202	253	177	156	188	
08	537	461	377	338	313	258	
09	453	440	398	340	327	305	
10	229	226	216	208	182	192	
11	147	170	141	89	109	111	
12	689	596	668	511	599	586	
13	564	436	530	430	362	373	
14	1,585	1,364	1,224	1,336	1,107	1,050	
15	316	292	324	237	234	238	
16	350	325	311	280	272	314	
17	11	2	2	4	2	0	
18	15	21	18	15	19	16	
19	215	194	236	183	167	162	
20	67	56	52	31	36	33	
21	293	326	261	178	260	193	
22	21	35	36	17	29	34	
23	476	535	455	329	420	338	
24	101	111	168	81	95	151	
25	196	193	199	111	97	126	
26	457	316	385	313	292	352	
27	39	14	14	22	8	9	
28	211	220	172	163	201	149	
29	11	2	4	6	2	6	
30	26	26	26	14	20	16	
31	42	19	33	31	22	28	
99	56	46	67	46	21	43	
x	42	59	38	0	0	0	

Note: Patent application figures, in consideration of the time period differentiated between application collection and classification, may not be available by the publication deadline for the annual report. Therefore, figures from prior three years are used as the basis of the said statistics.

#### 4. Invention Applications by International Patent Classification(IPC) in 2007 (TOP 20)

Rank	IPC	IPC Subject	No. of Application
1	H01L	semiconductor devices; electric solid state devices not otherwise provided for	6,359
2	G06F	electric digital data processing	3,320
3	H04L	transmission of digital information	1,582
4	G02F	liquid crystal display (LCD) electrophoresis display (EPD)	1,391
5	H04N	pictorial communication	1,267
6	H05K	printed circuits; casings or constructional details of electric apparatus; manufacture of assemblages of electrical components	1,229
7	G02B	optical elements, systems, or apparatus	1,220
8	A61K	preparations for medical, dental, or toilet purposes	1,202
9	C07D	heterocyclic compounds	1,147
10	G09G	arrangements or circuits for control of indicating devices using static means to present variable information	982
11	G03F	photomechanical production of textured or patterned surfaces; materials therefor; originals therefor; apparatus specially adapted therefor	892
12	G11B	information storage based on relative movement between record carrier and transducer	817
13	H04B	transmission	775
14	G11C	static stores	742
15	G01R	measuring electric variables; measuring magnetic variables	671
16	H01R	electrically-conductive connections	651
17	H04M	telephonic communication	595
18	H05B	electric heating; electric lighting not otherwise provided for	538
19	G01N	investigating or analysing materials by determining their chemical or physical properties	516
20	G06Q	electronic commerce	506

Note: 1. The order of placement is arranged by the number of patent applications in 2007, from most to least.  
 2. For detailed IPC subject, please refer to International Patent Classification 8th.  
 3. Patent application figures, in consideration of the time period differentiated between application collection and classification, may not be available by the publication deadline for the annual report. Therefore, figures from prior one year are used as the basis of the said statistics.

#### 5. Utility Model Applications by International Patent Classification(IPC) in 2007 (TOP 20)

Rank	IPC	IPC Subject	No. of Application
1	H01R	electrically-conductive connections	1,497
2	G06F	electric digital data processing	807
3	H05K	printed circuits; casings or constructional details of electric apparatus; manufacture of assemblages of electrical components	757
4	B65D	containers for storage or transport of articles or materials	675
5	A47G	household or table equipment	545
6	H01L	semiconductor devices; electric solid state devices not otherwise provided for	466
7	A63B	apparatus for physical training, gymnastics, swimming, climbing, or fencing; ball games; training equipment	439
8	A47C	chairs; sofas; beds	324
9	F21V	lighting devices	323
10	A47J	kitchen equipment; coffee mills; spice mills; apparatus for making beverages	288
10	B25B	tools or bench devices	288
12	A47B	tables; desks; office furniture; cabinets; drawers; general details of furniture	286
13	E06B	shutter	276
14	G02F	liquid crystal display (LCD) electrophoresis display (EPD)	249
15	B60R	vehicles, vehicle fittings, or vehicle parts, not otherwise provided for	235
15	E05B	locks; accessories therefor; handcuffs	235
17	A01K	animal husbandry; care of birds, fishes, insects; fishing; rearing or breeding animals, not otherwise provided for; new breeds of animals	231
18	B62K	cycles; cycle accessories	213
19	F16B	devices for fastening or securing constructional elements or machine parts together	208
20	B01D	separation	204

Note: 1. The order of placement is arranged by the number of patent applications in 2007, from most to least.  
 2. For detailed IPC subject, please refer to International Patent Classification 8th.  
 3. Patent application figures, in consideration of the time period differentiated between application collection and classification, may not be available by the publication deadline for the annual report. Therefore, figures from prior one year are used as the basis of the said statistics.

## 6. Design Applications by International Classification for Industrial Design System(LOC.) in 2007 (TOP 20)

Rank	LOC.	LOC. Subject	No. of Application
1	14-03	Communications equipment, wireless remote controls and radio amplifiers	530
2	13-03	Equipment for distribution or control of electric power	449
3	14-02	Data processing equipment as well as peripheral apparatus and devices	374
4	12-16	Parts, equipment and accessories for vehicles, not included in other classes or subclasses	327
5	09-01	Bottles, flasks, pots, carboys, demijohns, and containers with dynamic dispensing means.	209
6	16-06	Optical articles	203
7	14-01	Equipment for the recording or reproduction of sounds or pictures	174
8	02-04	Footwear, socks and stockings	162
9	25-02	Prefabricated or pre-assembled building parts	156
10	23-04	Ventilation and air-conditioning equipment	153
11	14-99	Miscellaneous	146
12	28-03	Toilet articles and beauty parlor equipment	145
13	06-01	beds and chairs	144
14	26-06	Luminous devices for vehicles	143
15	21-01	Games and toys	140
16	23-01	Fluid distribution equipment	139
17	08-05	Other tools and implements	122
18	03-01	Trunks, suitcases, briefcases, handbags, keyholders, cases specially designed for their contents, wallets and similar articles	112
18	12-11	Cycles and motorcycles	112
20	24-02	Medical instruments, instruments and tools for laboratory use	107

Note: 1. The order of placement is arranged by the number of patent applications in 2007, from most to least.  
 2. Patent application figures, in consideration of the time period differentiated between application collection and classification, may not be available by the publication deadline for the annual report. Therefore, figures from prior one year are used as the basis of the said statistics.

## 7. Invention Certificates Issued by International Patent Classification (IPC) in 2008 (TOP 20)

Rank	IPC	IPC Subject	No. of Application
1	H01L	semiconductor devices; electric solid state devices not otherwise provided for	1,789
2	G06F	electric digital data processing	836
3	G02F	liquid crystal display (LCD); electrophoresis display (EPD)	453
4	H05K	printed circuits; casings or constructional details of electric apparatus; manufacture of assemblies of electrical components	383
5	G09G	arrangements or circuits for control of indicating devices using static means to present variable information	280
6	G11B	information storage based on relative movement between record carrier and transducer	269
7	G11C	static stores	264
8	G03F	photomechanical production of textured or patterned surfaces; materials therefor; originals therefor; apparatus specially adapted therefor	255
9	G02B	optical elements, systems, or apparatus 223	223
10	A61K	preparations for medical, dental, or toilet purposes	198
11	H04L	transmission of digital information	189
12	C07D	heterocyclic compounds	187
13	G01R	measuring electric variables; measuring magnetic variables	165
14	C08L	compositions of macromolecular compounds	154
15	H05B	electric heating; electric lighting not otherwise provided for	138
16	C09K	materials for applications not otherwise provided for; applications of materials not otherwise provided for	132
17	H04N	pictorial communication	130
18	G01N	investigating or analysing materials by determining their chemical or physical properties	129
19	C08G	macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds	119
19	H01R	electrically-conductive connections	119

Note: 1. The order of placement is arranged by the number of patent certificates in 2008, from most to least.  
 2. For detailed IPC subject, please refer to International Patent Classification 8th.

## 8. Utility Model Certificates Issued by International Patent Classification (IPC) in 2008 (TOP 20)

Rank	IPC	IPC Subject	No. of Application
1	H01R	electrically-conductive connections	1,660
2	G06F	electric digital data processing	856
3	H05K	printed circuits; casings or constructional details of electric apparatus; manufacture of assemblies of electrical components	795
4	B65D	containers for storage or transport of articles or materials	683
5	A47G	household or table equipment	529
6	H01L	semiconductor devices; electric solid state devices not otherwise provided for	521
7	F21V	lighting devices	447
8	A63B	apparatus for physical training, gymnastics, swimming, climbing, or fencing; ball games; training equipment	429
9	A47B	tables; desks; office furniture; cabinets; drawers; general details of furniture	335
10	B25B	tools or bench devices	308
11	A47C	chairs; sofas; beds	298
12	A47J	kitchen equipment; coffee mills; spice mills; apparatus for making beverages	287
12	E06B	shutter	287
14	G02F	liquid crystal display (LCD); electrophoresis display (EPD)	286
15	B01D	separation	247
16	A01K	animal husbandry; care of birds, fishes, insects; fishing; rearing or breeding animals, not otherwise provided for; new breeds of animals	242
16	B62K	cycles; cycle accessories	242
18	E05B	locks; accessories therefor; handcuffs	238
19	F16B	devices for fastening or securing constructional elements or machine parts together	236
20	F21S	non-portable lighting devices or systems thereof	220

Note: 1. The order of placement is arranged by the number of patent certificates in 2008, from most to least.

2. For detailed IPC subject, please refer to International Patent Classification 8th.

## 9. Design Certificates Issued by International Classification for Industrial Design System (LOC.) in 2008 (TOP 20)

Rank	LOC.	LOC. Subject	No. of Application
1	14-03	Communications equipment, wireless remote controls and radio amplifiers	480
2	14-02	Data processing equipment as well as peripheral apparatus and devices	342
3	12-16	Parts, equipment and accessories for vehicles, not included in other classes or subclasses	309
4	13-03	Equipment for distribution or control of electric power	300
5	16-06	Optical articles	211
6	02-04	Footwear, socks and stockings	169
7	09-01	Bottles, flasks, pots, carboys, demijohns, and containers with dynamic dispensing means.	162
8	26-06	Luminous devices for vehicles	149
9	14-01	Equipment for the recording or reproduction of sounds or pictures	139
10	28-03	Toilet articles and beauty parlor equipment	136
11	06-01	beds and chairs	131
12	23-04	Ventilation and air-conditioning equipment	110
13	21-01	Games and toys	108
14	26-05	Lamps, standard lamps, chandeliers, wall and ceiling fixtures, lampshades, reflectors, photographic and cinematographic projector lamps	104
15	23-01	Fluid distribution equipment	103
16	12-11	Cycles and motorcycles	99
16	25-02	Prefabricated or pre-assembled building parts	99
18	08-05	Other tools and implements	97
19	03-01	Trunks, suitcases, briefcases, handbags, keyholders, cases specially designed for their contents, wallets and similar articles	94
20	24-02	Medical instruments, instruments and tools for laboratory use	91

Note: The order of placement is arranged by the number of patent certificates in 2008, from most to least.

## 10. Patent Applications by Nationality (2008)

Nationality	Application				
	Invention	Utility Model	Design	Total	Percentage
TAIWAN, REPUBLIC OF CHINA	23,868	23,195	4,276	51,339	<b>61.40</b>
JAPAN	11,032	124	1,521	12,677	<b>15.16</b>
UNITED STATES OF AMERICA	8,548	185	632	9,365	<b>11.20</b>
REPUBLIC OF KOREA	1,783	21	245	2,049	<b>2.45</b>
GERMANY	1,462	20	218	1,700	<b>2.03</b>
NETHERLANDS	852	3	69	924	<b>1.11</b>
SWITZERLAND	651	0	117	768	<b>0.92</b>
CHINA	353	191	22	566	<b>0.68</b>
HONG KONG	328	74	102	504	<b>0.60</b>
UNITED KINGDOM	378	14	45	437	<b>0.52</b>
FRANCE	373	3	54	430	<b>0.51</b>
SWEDEN	293	2	67	362	<b>0.43</b>
FINLAND	156	0	134	290	<b>0.35</b>
SINGAPORE	237	10	27	274	<b>0.33</b>
AUSTRALIA	210	8	16	234	<b>0.28</b>
ITALY	160	5	59	224	<b>0.27</b>
CANADA	190	4	7	201	<b>0.24</b>
BRITISH VIRGIN ISLANDS	106	15	20	141	<b>0.17</b>
BELGIUM	109	1	3	113	<b>0.14</b>
ISRAEL	108	0	3	111	<b>0.13</b>
LUXEMBOURG	67	0	11	78	<b>0.09</b>
DENMARK	63	2	12	77	<b>0.09</b>
CAYMAN ISLANDS	70	4	0	74	<b>0.09</b>
SPAIN	48	2	7	57	<b>0.07</b>
AUSTRIA	53	0	3	56	<b>0.07</b>
BERMUDA	53	1	0	54	<b>0.06</b>
BARBADOS	51	0	2	53	<b>0.06</b>
MALAYSIA	21	5	25	51	<b>0.06</b>
SAMOA	14	21	0	35	<b>0.04</b>
IRELAND	30	0	3	33	<b>0.04</b>
INDIA	27	0	0	27	<b>0.03</b>
LIECHTENSTEIN	13	0	12	25	<b>0.03</b>
NORWAY	12	0	4	16	<b>0.02</b>
BRUNEI	3	1	11	15	<b>0.02</b>
NEW ZEALAND	8	2	4	14	<b>0.02</b>
SOUTH AFRICA	7	4	2	13	<b>0.02</b>
CZECH REPUBLIC	9	0	2	11	<b>0.01</b>
SAN MARINO	7	3	0	10	<b>0.01</b>
MAURITIUS	4	5	0	9	<b>0.01</b>
THAILAND	4	3	2	9	<b>0.01</b>
BAHAMAS	8	0	0	8	<b>0.01</b>
HUNGARY	7	0	0	7	<b>0.01</b>
RUSSIAN FEDERATION	6	0	0	6	<b>0.01</b>
OTHERS	127	25	14	166	<b>0.20</b>
<b>TOTAL</b>	<b>51,909</b>	<b>23,953</b>	<b>7,751</b>	<b>83,613</b>	<b>100.00</b>

Note: Countries with fewer than 5 applications are listed as "Others".

## 11. Pre-Grant Publications by Nationality (2008)

Nationality	Pre-Grant Publications	Percentage
TAIWAN, REPUBLIC OF CHINA	21,772	<b>43.42</b>
JAPAN	10,767	<b>21.47</b>
UNITED STATES OF AMERICA	9,223	<b>18.40</b>
REPUBLIC OF KOREA	1,808	<b>3.61</b>
GERMANY	1,486	<b>2.96</b>
NETHERLANDS	926	<b>1.85</b>
SWITZERLAND	745	<b>1.49</b>
UNITED KINGDOM	517	<b>1.03</b>
FRANCE	392	<b>0.78</b>
SWEDEN	375	<b>0.75</b>
CANADA	216	<b>0.43</b>
SINGAPORE	213	<b>0.42</b>
CHINA	201	<b>0.40</b>
ITALY	156	<b>0.31</b>
FINLAND	153	<b>0.31</b>
ISRAEL	147	<b>0.29</b>
BRITISH VIRGIN ISLANDS	132	<b>0.26</b>
BELGIUM	116	<b>0.23</b>
AUSTRALIA	89	<b>0.18</b>
HONG KONG	82	<b>0.16</b>
BARBADOS	80	<b>0.16</b>
DENMARK	62	<b>0.12</b>
LUXEMBOURG	59	<b>0.12</b>
BERMUDA	51	<b>0.10</b>
SPAIN	50	<b>0.10</b>
CAYMAN ISLANDS	40	<b>0.08</b>
IRELAND	38	<b>0.08</b>
AUSTRIA	38	<b>0.08</b>
INDIA	35	<b>0.07</b>
MALAYSIA	14	<b>0.03</b>
BRUNEI	12	<b>0.02</b>
THAILAND	12	<b>0.02</b>
SAMOA	11	<b>0.02</b>
LIECHTENSTEIN	10	<b>0.02</b>
NEW ZEALAND	10	<b>0.02</b>
NORWAY	9	<b>0.02</b>
HUNGARY	8	<b>0.02</b>
SOUTH AFRICA	8	<b>0.02</b>
MAURITIUS	7	<b>0.01</b>
OTHERS	70	<b>0.14</b>
<b>TOTAL</b>	<b>50,140</b>	<b>100.00</b>

Note: Countries with fewer than 5 applications are listed as "Others."

## 12. Certificates Issued by Nationality (2008)

Nationality	Certificate Issued				
	Invention	Utility Model	Design	Total	Percentage
TAIWAN, REPUBLIC OF CHINA	6,378	22,877	3,178	32,433	<b>76.55</b>
JAPAN	3,381	66	1,269	4,716	<b>11.13</b>
UNITED STATES OF AMERICA	1,454	149	497	2,100	<b>4.96</b>
REPUBLIC OF KOREA	601	25	116	742	<b>1.75</b>
GERMANY	323	13	202	538	<b>1.27</b>
NETHERLANDS	165	0	73	238	<b>0.56</b>
SWITZERLAND	139	0	95	234	<b>0.55</b>
CHINA	30	140	24	194	<b>0.46</b>
FRANCE	65	0	81	146	<b>0.34</b>
HONG KONG	18	80	29	127	<b>0.30</b>
UNITED KINGDOM	70	11	45	126	<b>0.30</b>
ITALY	22	4	91	117	<b>0.27</b>
BRITISH VIRGIN ISLANDS	11	18	49	78	<b>0.18</b>
FINLAND	14	0	63	77	<b>0.18</b>
SWEDEN	27	3	33	63	<b>0.15</b>
SINGAPORE	27	10	25	62	<b>0.15</b>
CANADA	29	5	4	38	<b>0.09</b>
AUSTRALIA	9	11	13	33	<b>0.08</b>
CAYMAN ISLANDS	23	4	6	33	<b>0.08</b>
BELGIUM	19	1	4	24	<b>0.06</b>
SPAIN	9	1	14	24	<b>0.06</b>
LIECHTENSTEIN	4	0	20	24	<b>0.06</b>
AUSTRIA	13	0	6	19	<b>0.04</b>
DENMARK	2	1	16	19	<b>0.04</b>
MALAYSIA	0	4	11	15	<b>0.04</b>
LUXEMBOURG	15	0	0	15	<b>0.04</b>
NORWAY	1	0	9	10	<b>0.02</b>
IRELAND	3	1	5	9	<b>0.02</b>
MAURITIUS	0	7	2	9	<b>0.02</b>
SAMOA	0	5	3	8	<b>0.02</b>
ISRAEL	7	0	0	7	<b>0.02</b>
BRUNEI	3	1	3	7	<b>0.02</b>
OTHERS	29	31	21	81	<b>0.19</b>
TOTAL	12,891	23,468	6,007	42,366	<b>100.00</b>

Note: Countries with fewer than 5 cases are listed as "Others."

### 13. Residents Patent Applications in 2008 (Top 20)

Rank	Applicant	Number of Application				
		Invention	Utility Model	Design	Total	
1	HON HAI PRECISION INDUSTRY CO., LTD.	2,054	1,007	236	3,297	
2	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	921	4	2	927	
3	INVENTEC CORPORATION	547	123	9	679	
4	AU OPTRONICS CORP.	556	0	0	556	
5	ASUSTEK COMPUTER INC.	355	0	9	364	
6	CHENG UEI PRECISION INDUSTRY CO., LTD.	22	199	110	331	
7	CHI MEI COMMUNICATION SYSTEMS, INC.	315	0	11	326	
8	FOXCONN TECHNOLOGY CO., LTD.	294	3	23	320	
9	CHI MEI OPTOELECTRONICS CORPORATION	310	3	0	313	
10	CHUNGHWA PICTURE TUBES, LTD.	229	61	0	290	
11	MEDIATEK INC.	281	0	0	281	
12	INVENTEC APPLIANCES CORP.	163	93	8	264	
13	NATIONAL TAIWAN UNIVERSITY	230	9	0	239	
14	WISTRON CORPORATION	142	77	0	219	
15	FAR EAST UNIVERSITY	65	149	0	214	
16	DELTA ELECTRONICS, INC.	186	24	3	213	
17	DARFON ELECTRONICS CORP.	79	114	3	196	
18	HIGH TECH COMPUTER, CORP.	156	6	16	178	
19	NATIONAL CHUNGHSING UNIVERSITY	165	1	0	166	
20	HIMAX TECHNOLOGIES LIMITED	165	0	0	165	

Note: Applicants with the same total of patent applications are given the same ranking, but the order of placement is arranged by the number of invention patents, from most to least.

### 14. Residents Certificate Issued in 2008 (Top 20)

Rank	Applicant	Number of Certificate Issued				
		Invention	Utility Model	Design	Total	
1	HON HAI PRECISION INDUSTRY CO., LTD.	280	678	178	1,136	
2	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	357	10	6	373	
3	INVENTEC CORPORATION	157	141	13	311	
4	CHENG UEI PRECISION INDUSTRY CO., LTD.	0	206	60	266	
5	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	224	0	0	224	
6	AU OPTRONICS CORP.	198	0	0	198	
7	FAR EAST UNIVERSITY	23	157	0	180	
8	INVENTEC APPLIANCES CORP.	55	63	44	162	
9	MITAC INTERNATIONAL CORP.	107	29	25	161	
10	DELTA ELECTRONICS, INC.	95	32	7	134	
11	DARFON ELECTRONICS CORP.	14	96	7	117	
12	VIA TECHNOLOGIES, INC.	106	3	0	109	
13	ADVANCED SEMICONDUCTOR ENGINEERING, INC.	108	0	0	108	
14	INNOLUX DISPLAY CORP.	58	28	6	92	
15	SOUTHERN TAIWAN UNIVERSITY OF TECHNOLOGY	8	75	7	90	
16	FOXCONN TECHNOLOGY CO., LTD.	76	1	9	86	
16	WISTRON CORPORATION	17	69	0	86	
18	KWANG YANG MOTOR CO., LTD.	35	40	8	83	
19	NATIONAL CHIN-YI UNIVERSITY OF TECHNOLOGY	4	76	0	80	
20	ALTEK CORPORATION	10	68	1	79	
20	P-TWO INDUSTRIES INC.	0	76	3	79	

Note: Applicants with the same total of certificate issued are given the same ranking, but the order of placement is arranged by the number of invention patents, from most to least.

## 15. Non-Residents Patent Application in 2008 (Top 20)

Rank	Applicant	Number of Application			
		Invention	Utility Model	Design	Total
1	QUALCOMM INCORPORATED	886	0	0	886
2	SONY CORPORATION	616	1	65	682
3	KONINKLIJKE PHILIPS ELECTRONICS N.V.	417	1	34	452
4	SAMSUNG ELECTRONICS CO., LTD.	270	0	100	370
5	INTERNATIONAL BUSINESS MACHINES CORPORATION	364	0	0	364
6	TOKYO ELECTRON LIMITED	336	1	18	355
7	FIH (HONG KONG) LIMITED	274	0	62	336
8	APPLIED MATERIALS, INC.	318	6	0	324
9	MICROSOFT CORPORATION	282	0	40	322
10	SUMITOMO CHEMICAL COMPANY, LIMITED	278	0	0	278
11	KABUSHIKI KAISHA TOSHIBA	204	0	39	243
12	INTERDIGITAL TECHNOLOGY CORPORATION	202	33	0	235
13	3M INNOVATIVE PROPERTIES COMPANY	188	3	39	230
14	MICRON TECHNOLOGY, INC.	229	0	0	229
14	FUJIFILM CORPORATION	229	0	0	229
16	NOKIA CORPORATION	89	0	133	222
17	NITTO DENKO CORPORATION	193	0	2	195
18	CANON KABUSHIKI KAISHA	194	0	0	194
19	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	153	0	33	186
20	YAMAHA MOTOR CO., LTD.	148	0	28	176

Note: Applicants with the same total of patent applications are given the same ranking, but the order of placement is arranged by the number of invention patents, from most to least.

## 16. Non-Residents Certificate Issued in 2008 (Top 20)

Rank	Applicant	Number of Certificate Issued			
		Invention	Utility Model	Design	Total
1	INTEL CORPORATION	202	1	0	203
1	SAMSUNG ELECTRONICS CO., LTD	162	1	40	203
3	SEIKO EPSON CORPORATION	187	0	9	196
4	TOYOTA JIDOSHA KABUSHIKI KAISHA	2	0	180	182
5	SONY CORPORATION	146	0	20	166
6	HONDA MOTOR CO., LTD.	66	0	83	149
7	SHARP KABUSHIKI KAISHA	119	0	23	142
8	TOKYO ELECTRON LIMITED	92	0	31	123
9	HYUNIX SEMICONDUCTOR INC.	115	0	0	115
10	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	68	0	43	111
11	KABUSHIKI KAISHA TOSHIBA	73	0	29	102
12	SANYO ELECTRIC CO., LTD.	89	0	7	96
13	KONINKLIJKE PHILIPS ELECTRONICS N.V.	38	0	52	90
14	MITSUBISHI ELECTRIC CORPORATION	65	0	12	77
14	BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT	0	0	77	77
16	SHIMANO INC.	51	2	21	74
17	NOKIA CORPORATION	11	0	62	73
17	WOLVERINE WORLD WIDE, INC.	1	0	72	73
19	INTERDIGITAL TECHNOLOGY CORPORATION	41	31	0	72
20	SMC KABUSHIKI KAISHA	16	0	53	69

Note: Applicants with the same total of certificate issued are given the same ranking, but the order of placement is arranged by the number of invention patents, from most to least.

## 17. Certificates Issued by Type of Industry

Type of Industry	Corresponding International Patent Classification	Residents Application		Non-Residents Application		Total	
		Invention	Utility Model	Invention	Utility Model	No. of Application	Percentage
Agriculture, Forest, Fishery & Animal Husbandry	A01, (exclude A01H, A01K67, A01N, A01P)	21	472	25	5	523	1.44
Foods & Tobacco	A21-A24	40	134	28	1	203	0.56
Domestic Articles	A41-A47	102	2,913	92	68	3,175	8.73
Pharmaceutical & Entertainment	A61-A63, (exclude A61K, A61P, A61Q)	179	1,605	177	42	2,003	5.51
Biotech	A01H, A01K67, A01N, A61K35/66-35/76, 38, 39, 47/42, 48, 49/14, 49/16, 51/08, 51/10, A61P, C07K, C12, G01N33, A01P, C40B	91	39	79	0	209	0.58
Preparation for Medical, Dental or Toilet Purposes	A61K (exclude 35/66-35/76, 38, 39, 47/42, 48, 49/14, 49/16, 51/08, 51/10) , A61Q	48	6	136	0	190	0.52
Separation & Mixing	B01-B09	134	581	159	6	880	2.42
Working of Metal	B21-B32, (exclude B31)	382	1,659	344	20	2,405	6.61
Printing	B41-B44	76	393	99	11	579	1.59
Transporting	B60-B68	375	2,747	278	51	3,451	9.49
Micro-structural technology; nano-technology	B81-B82	18	7	8	0	33	0.09
Inorganic Chemistry, Treatment of Waste Water	C01-C05, C30	86	108	131	2	327	0.90
Organic Chemistry	C07, (exclude C07K \ C07M)	27	0	300	0	327	0.90
Organic Macromolecular Compound	C08	75	5	397	0	477	1.31
Dyes, Petroleum, Animal or Vegetable Oils	C09-C11	71	32	277	1	381	1.05
Sugar Industries & Pelts/Leather	C13-C14	0	1	1	0	2	0.01
Metallurgy, Coating Metallic Material & Alloys	C21-C23, C25 (exclude C22K)	51	62	160	4	277	0.76
Textiles & Flexible Materials	D01-D07	45	287	101	2	435	1.20
Paper Making & Making Paper Articles	D21, B31	2	25	11	0	38	0.10
Fixed Constructions	E01-E06	84	1,369	22	18	1,493	4.11
Mining or Quarrying	E21	1	5	2	0	8	0.02
Engines and Pumps	F01-F04	76	468	70	8	622	1.71
Hydraulics or Pneumatics in General	F15-F17	121	919	143	18	1,201	3.30
Lighting; Heating	F21-F28	161	1,519	87	19	1,786	4.91
Weapons; Explosive Charges	F41-F42, C06	5	89	2	3	99	0.27
Optics	G01-G03, (exclude G01N33)	657	1,120	811	56	2,644	7.27
Measuring	G04-G08, (exclude G06F, G06Q)	246	383	128	7	764	2.10
Semi-Conductor Applications	G09-G12	445	431	465	16	1,357	3.73
Nuclear Engineering	G21	3	6	1	0	10	0.03
Electric Power; Generation, Distribution or Conversion of Electric Power, Electric Heating	H02, H05	550	1,284	264	22	2,120	5.83
Basic Electronic Elements	H01, (exclude H01L)	218	2,298	272	95	2,883	7.93
Semiconductor Devices	H01L	914	495	876	26	2,311	6.36
Basic Electronic Circuitry; Electric Communication Technique	H03, H04	423	539	313	61	1,336	3.67
Electric Digital Data Processing	G06F (exclude 17/60)	600	837	239	26	1,702	4.68
E-business	G06F17/60, G06Q	51	39	15	3	108	0.30
Total		6,378	22,877	6,513	591	36,359	100.00

## 18. Statistics for Valid Patent – Invention & Utility Model

Classification	Invention	Utility Model	Classification	Invention	Utility Model	Classification	Invention	Utility Model	
A01	1,150	2,144	B62	1,582	3,400	E06	185	1,966	
A21	101	193	B63	141	256	E21	46	30	
A22	13	36	B64	30	34	E99	0	0	
A23	548	404	B65	2,244	5,756	F01	360	326	
A24	93	72	B66	401	385	F02	617	461	
A41	136	1,076	B67	78	136	F03	59	275	
A42	40	364	B68	2	10	F04	688	1,254	
A43	190	850	B81	234	28	F15	121	76	
A44	289	655	B82	19	4	F16	1,995	4,484	
A45	168	1,709	C01	789	53	F17	155	141	
A46	50	159	C02	417	334	F21	413	1,989	
A47	908	8,401	C03	589	73	F22	35	24	
A61	5,243	4,639	C04	540	10	F23	354	638	
A62	90	379	C05	41	20	F24	653	2,364	
A63	1,138	3,789	C06	15	6	F25	440	336	
B01	2,013	1,258	C07	4,788	1	F26	54	119	
B02	84	198	C08	5,015	17	F27	98	61	
B03	52	35	C09	2,461	55	F28	368	325	
B04	15	17	C10	406	14	F41	99	370	
B05	707	834	C11	292	31	F42	33	119	
B06	17	8	C12	818	55	F99	0	1	
B07	47	165	C13	6	4	G01	5,504	2,292	
B08	269	239	C14	18	10	G02	8,135	2,372	
B09	148	58	C21	350	36	G03	3,606	788	
B21	741	614	C22	578	6	G04	171	176	
B22	584	102	C23	1,639	101	G05	864	237	
B23	1,740	2,350	C25	531	172	G06	13,645	6,732	
B24	1,097	707	C30	364	16	G07	337	385	
B25	980	3,033	C40	0	0	G08	433	482	
B26	300	770	D01	462	86	G09	3,956	1,025	
B27	133	566	D02	107	33	G10	606	355	
B28	105	105	D03	164	104	G11	8,394	1,202	
B29	1,675	1,252	D04	421	387	G12	28	45	
B30	111	115	D05	296	378	G21	266	15	
B31	52	126	D06	595	456	H01	43,256	14,710	
B32	1,077	463	D07	12	19	H02	2,774	2,197	
B41	1,677	728	D21	260	38	H03	3,203	266	
B42	71	439	E01	109	228	H04	13,073	3,913	
B43	115	540	E02	189	315	H05	4,989	4,992	
B44	105	261	E03	98	567	H99	0	0	
B60	1,445	4,121	E04	553	2,416	Total	173,668	119,802	
B61	77	22	E05	407	2,213				

Note: 1. The figures above are calculated based on existing patents as of December 31, 2008.

2. Invention patents and utility model patents are classified by the IPC Classification.

## Design

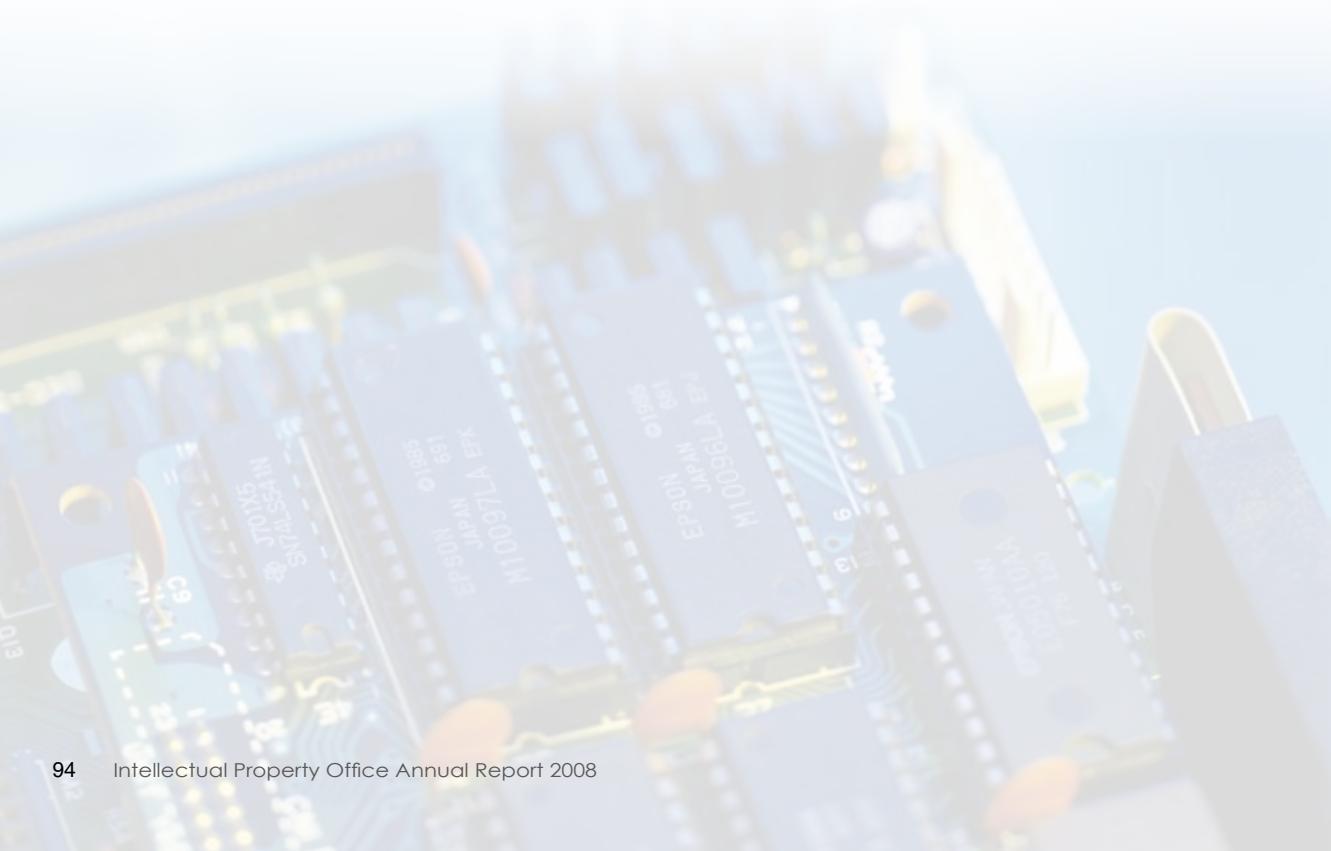
classification	Design	classification	Design
01	43	27	124
02	914	28	852
03	482	29	39
04	228	30	204
05	243	31	161
06	1,257	32	180
07	819	33	28
08	1,610	34	43
09	1,563	35	13
10	1,039	36	37
11	594	37	148
12	2,663	38	27
13	2,464	39	7
14	5,421	40	34
15	1,395	41	6
16	1,305	42	12
17	428	43	1
18	196	44	4
19	944	45	17
20	187	46	230
21	986	47	12
22	224	48	10
23	1,944	49	40
24	620	50	43
25	626	99	182
26	1,409	Total	32,058

Note: The figures above are calculated based on existing patents as of December 31, 2008.



## E. Statistics for IC Layout Applications and Certificates Issued

Year	Application	Certificate Issued
1996	243	40
1997	148	224
1998	125	204
1999	135	52
2000	102	150
2001	206	55
2002	76	91
2003	53	79
2004	56	34
2005	26	93
2006	63	28
2007	43	73
<b>2008</b>	<b>37</b>	<b>37</b>



## Trademark Cases Filed & Disposed

### A. General Statistics of Trademark Cases (1984-2008)

Year	Item	Application	Registration	Approval	Rejection
1984		62,968	39,236	41,563	21,245
1985		55,973	45,026	46,301	13,472
1986		64,772	45,106	45,245	18,459
1987		69,543	40,388	39,874	22,023
1988		60,788	42,114	46,467	19,063
1989		59,071	47,788	46,912	11,955
1990		56,925	44,033	45,475	14,087
1991		60,500	41,195	42,460	15,402
1992		64,394	39,301	42,368	15,304
1993		64,799	50,773	53,707	12,681
1994		67,641	44,287	42,114	9,870
1995		63,797	41,416	43,797	6,219
1996		67,063	44,973	50,657	7,272
1997		70,502	57,541	53,973	9,306
1998		69,371	49,512	54,257	9,875
1999		73,212	60,302	56,764	7,665
2000		88,002	52,954	68,168	6,543
2001		59,158	76,413	75,731	9,467
2002		61,729	70,842	64,032	9,253
2003		65,907	74,572	54,335	7,451
2004		61,667	54,912	–	6,440
2005		63,580	55,181	–	7,929
2006		65,101	54,597	–	7,393
2007		61,454	51,326	–	7,055
<b>2008</b>		<b>59,568</b>	<b>49,500</b>	–	<b>7,811</b>

Note: 1. The figures for "Application" are calculated based on the total number of registration applications collected each year.  
 2. The figures for "Registration," "Approval," and "Rejection" are calculated based on the total number of cases published each year.  
 3. The published approval system was abolished after the new Trademark Act took effect on November 28, 2003; a trademark shall be registered and published after the registration fee payment is made.



### 3. Trademark Invalidation

Year \ Item	Sustained	Denied	Others
1999	295	202	48
2000	239	192	91
2001	234	174	72
2002	354	164	60
2003	296	134	50
2004	293	94	48
2005	255	180	76
2006	267	135	65
2007	227	110	91
<b>2008</b>	<b>241</b>	<b>94</b>	<b>76</b>

Note: 1. The chart reflects the number of applications been examined each year.  
 2. The term "Others" includes rejection, revocation, and other types of rejection.

### 4. Trademark Revocation (Cancellation)

Year \ Item	Sustained	Denied	Others
1999	147	39	94
2000	96	59	82
2001	189	51	59
2002	168	58	52
2003	193	42	48
2004	198	39	51
2005	216	71	45
2006	307	66	73
2007	284	27	42
<b>2008</b>	<b>226</b>	<b>43</b>	<b>53</b>

Note: 1. The chart reflects the number of applications been examined each year.  
 2. The term "Others" includes rejection, revocation, and other types of rejection.  
 3. Beginning from November 28, 2003, "disciplinary cancellation" has been changed to "revocation."

## 5. Statistics of Trademark Administrative Remedy Filed and Cancelled

Year	Petition			Re-petition			Administrative litigation (include appeal for re-examination)			Total			
	Filed	Revoked	Percentage revoked	Filed	Revoked	Percentage revoked	Filed	Revoked	Percentage revoked	Filed	Revoked	Percentage revoked	
1999	1,488	145	9.74	718	45	0	328	14	4.27	2,534	204	8.05	
2000	1,099	123	11.19	351	18	0	407	22	5.41	1,857	163	8.78	
2001	1,468	135	9.20	—	—	—	493	67	13.59	1,961	202	10.30	
2002	1,542	204	13.23	—	—	—	591	30	5.08	2,133	234	10.97	
2003	1,190	101	8.49	—	—	—	477	50	10.48	1,667	151	9.06	
2004	812	101	12.44	—	—	—	332	48	14.46	1,144	149	13.02	
2005	1,215	141	11.60	—	—	—	417	29	6.95	1,632	170	10.42	
2006	1,172	138	11.77	—	—	—	503	28	5.57	1,675	166	9.91	
2007	1,173	78	6.65	—	—	—	463	34	7.34	1,636	112	6.85	
<b>2008</b>	<b>1,016</b>	<b>87</b>	<b>8.56</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>386</b>	<b>30</b>	<b>7.77</b>	<b>1,402</b>	<b>117</b>	<b>8.35</b>	

Note: 1. Since revision and implementation of the Administrative Appeal Act and the Administrative Litigation Act on July 1, 2000, the re-petition procedure has been revoked and there has been no re-petition cases since 2001.  
 2. Cases of petition filed before the Ministry of Economic Affairs in the year are cases where applicants consider his/her right or interest was unlawfully or improperly injured by TIPO's administrative action.  
 3. Cases being revoked in petition are the number of cases decided by the Petitions and Appeals Committee, Ministry of Economic Affairs for revocation against TIPO administrative dispositions.  
 4. Cases of administrative litigation filed are the number of cases the applicant opposes petition decision in accordance with articles 4, 238 and 273 of the Administrative Litigation Act, and bring to the first instance, appeal and retrial of the administrative litigation in sequence.  
 5. Cases of administrative litigation revoked are the number of cases adjudicated for revocation in the year by the Supreme Administrative Court against TIPO administrative dispositions.

## 6. Residents and Non-Residents Trademark Applications (By case)

Year	Item	Residents	Non-Residents	
1999		56,933	16,279	
2000		64,683	23,319	
2001		41,299	17,859	
2002		45,403	16,326	
2003		48,878	17,029	
2004		48,613	13,054	
2005		50,263	13,317	
2006		51,107	14,350	
2007		47,371	14,740	
<b>2008</b>		<b>45,876</b>	<b>14,244</b>	

Note: Applications for joint ownership of trademark received from July 13, 2006. The number of statistics by nationality in this table is counted by the number of applicants in terms of their nationality.

## 7. Residents and Non-Residents Trademark Registrations (By case)

Year	Item	Residents	Non-Residents
1999		45,734	14,568
2000		40,650	12,304
2001		56,785	19,628
2002		49,151	21,691
2003		52,942	21,630
2004		40,224	14,688
2005		42,782	12,399
2006		41,974	12,623
2007		39,167	12,159
<b>2008</b>		<b>37,220</b>	<b>12,280</b>



## 2. Trademark Applications by Nationality in 2008 (By Case)

Nationality	Application	Percentage	Nationality	Application	Percentage
TAIWAN, REPUBLIC OF CHINA	45,876	76.31	RUSSIAN FEDERATION	34	0.06
UNITED STATES OF AMERICA	3,596	5.98	UNITED ARAB EMIRATES	32	0.05
JAPAN	3,223	5.36	BRAZIL	31	0.05
CHINA	957	1.59	INDONESIA	30	0.05
GERMANY	886	1.47	SAMOA	30	0.05
SWITZERLAND	669	1.11	PHILIPPINES	27	0.05
FRANCE	612	1.02	FINLAND	26	0.04
UNITED KINGDOM	587	0.98	ISRAEL	26	0.04
HONG KONG	475	0.79	POLAND	25	0.04
ITALY	402	0.67	CHILE	24	0.04
REPUBLIC OF KOREA	344	0.57	MEXICO	24	0.04
NETHERLANDS	245	0.41	MACAO	23	0.04
BRITISH VIRGIN ISLANDS	227	0.38	SOUTH AFRICA	23	0.04
SINGAPORE	206	0.34	BERMUDA	20	0.03
SWEDEN	190	0.32	VIETNAM	20	0.03
AUSTRALIA	135	0.22	NORWAY	19	0.03
CANADA	132	0.22	INDIA	18	0.03
CAYMAN ISLANDS	120	0.20	SAUDI ARABIA	18	0.03
SPAIN	82	0.14	BULGARIA	16	0.03
MALAYSIA	72	0.12	BAHAMAS	11	0.02
BELGIUM	67	0.11	TURKEY	11	0.02
LUXEMBOURG	50	0.08	MONACO	10	0.02
THAILAND	50	0.08	CZECH REPUBLIC	9	0.02
AUSTRIA	49	0.08	PORTUGAL	9	0.02
DENMARK	49	0.08	MAURITIUS	8	0.01
NEW ZEALAND	41	0.07	BARBADOS	7	0.01
IRELAND	38	0.06	HUNGARY	6	0.01
LIECHTENSTEIN	37	0.06	OTHERS	131	0.22
ICELAND	35	0.06			
Subtotal		Ratio			
Residents	45,876	76.31%			
Non-Residents	14,244	23.69%			
<b>Total</b>	<b>60,120</b>	<b>100.00%</b>			

Note: Countries with fewer than five applications are listed as "Others."

### 3. Trademark Registrations by Nationalities in 2008 (By case)

Nationality	Registration	Percentage	Nationality	Registration	Percentage
TAIWAN, REPUBLIC OF CHINA	37,220	75.19	IRELAND	25	0.05
UNITED STATES OF AMERICA	3,349	6.77	LIECHTENSTEIN	25	0.05
JAPAN	2,346	4.74	UNITED ARAB EMIRATES	24	0.05
CHINA	880	1.78	INDIA	23	0.05
GERMANY	800	1.62	SAMOA	23	0.05
SWITZERLAND	558	1.13	RUSSIAN FEDERATION	22	0.04
FRANCE	510	1.03	COLOMBIA	19	0.04
HONG KONG	461	0.93	FINLAND	18	0.04
UNITED KINGDOM	435	0.88	PHILIPPINES	16	0.03
REPUBLIC OF KOREA	357	0.72	TURKEY	16	0.03
ITALY	345	0.70	POLAND	14	0.03
NETHERLANDS	233	0.47	CHILE	13	0.03
SINGAPORE	215	0.43	CZECH REPUBLIC	13	0.03
BRITISH VIRGIN ISLANDS	180	0.36	MONACO	13	0.03
CAYMAN ISLANDS	140	0.28	BRAZIL	12	0.02
AUSTRALIA	132	0.27	GUATEMALA	12	0.02
CANADA	110	0.22	SOUTH AFRICA	12	0.02
SWEDEN	90	0.18	BAHAMAS	11	0.02
SPAIN	85	0.17	MACAO	11	0.02
MALAYSIA	78	0.16	BARBADOS	10	0.02
ICELAND	73	0.15	HUNGARY	10	0.02
BELGIUM	65	0.13	SAUDI ARABIA	10	0.02
AUSTRIA	53	0.11	NETHERLANDS ANTILLES	9	0.02
DENMARK	48	0.10	ARGENTINA	9	0.02
LUXEMBOURG	45	0.09	BELARUS	8	0.02
ISRAEL	40	0.08	VIETNAM	8	0.02
MEXICO	39	0.08	GREECE	7	0.01
THAILAND	34	0.07	SEYCHELLES	7	0.01
NORWAY	29	0.06	PORTUGAL	6	0.01
BERMUDA	27	0.05	UKRAINE	6	0.01
INDONESIA	26	0.05	OTHERS	59	0.12
NEW ZEALAND	26	0.05			
Subtotal			Ratio		
Residents	37,220		75.19%		
Non-Residents	12,280		24.81%		
<b>Total</b>	<b>49,500</b>		<b>100.00%</b>		

Note: Countries with fewer than five registrations are listed as "Others."

#### D. Statistics for Certification Mark and Collective Membership Mark

Year	Certification Mark		Collective Membership Mark	
	Application	Registration	Application	Registration
1996	13	3	85	59
1997	8	6	91	73
1998	14	3	95	49
1999	13	10	100	36
2000	29	6	117	76
2001	27	32	110	68
2002	34	14	109	112
2003	36	37	91	83
2004	34	27	61	74
2005	40	33	56	41
2006	29	37	60	44
2007	30	31	55	32
<b>2008</b>	<b>41</b>	<b>40</b>	<b>42</b>	<b>35</b>