

I. Annual Statistics



I. Patent Applications Filed & Disposed

A. General Statistics of Patent Cases (1987-2011)

Year \ Item	Application	Approval	Certificate Issued	Grant
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	0	58,306	57,236
2006	80,988	0	49,315	48,774
2007	81,834	0	49,290	49,006
2008	83,613	0	42,366	42,283
2009	78,425	0	43,750	43,724
2010	80,494	0	45,973	45,966
2011	82,988	0	50,314	50,305

■ Note : "Application" is the number of applications for each individual year. "Approval" is the number of published approvals. This system was replaced by the patent granted 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 2002 to 2011

1. Patent Cases Filed & Disposed

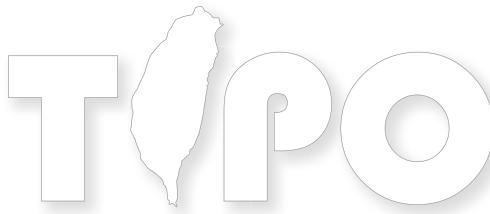
Item Year	Application	Reexamination	Opposition	Invalidation	Assignment	Licensing
2002	61,402	11,728	1,734	591	2,365	140
2003	65,742	13,325	1,867	512	3,561	199
2004	72,082	7,084	1,197	811	3,835	431
2005	79,442	1,786	-	1,583	3,779	257
2006	80,988	2,545	-	1,294	4,261	235
2007	81,834	2,607	-	1,159	4,314	412
2008	83,613	1,738	-	1,034	4,685	108
2009	78,425	2,331	-	980	4,333	140
2010	80,494	2,867	-	951	3,831	164
2011	82,988	3,432	-	792	4,367	116

■ Note : 1. The figures for "Application", "Reexamination", "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 reexamination applications is due to the fact that examination for utility model patents was changed to formality examination from July 1, 2004, thus no more reexamination 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

Item Year	Application	Pre-grant Publication	Request for Examination	Reexamination	Rejection	Approval	Certificate Issued	Grant
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	0	20,800	20,626
2006	50,111	44,778	43,348	2,129	6,028	0	23,324	23,228
2007	51,676	46,979	46,093	2,314	5,353	0	22,315	22,218
2008	51,909	50,140	45,938	1,537	5,115	0	12,891	12,867
2009	46,654	52,617	40,905	2,143	8,938	0	14,152	14,138
2010	47,442	44,962	41,115	2,758	10,806	0	16,348	16,345
2011	50,082	46,157	43,528	3,305	14,916	0	20,028	20,025

■ Note : 1. The number of rejections is based on the number of rejections after examination and reexamination. "Approval" is the number of published approvals. This system was replaced by the patent granted 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	Reexamination	Rejection	Approval	Certificate Issued	Grant	Requests for Technical Evaluation Report	Preparation of Technical Evaluation Report
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
2008	23,953	-	226	-	23,468	23,411	2,650	2,646
2009	25,032	-	218	-	23,603	23,591	2,606	1,448
2010	25,832	-	240	-	23,937	23,935	2,566	2,487
2011	25,170	-	319	-	24,043	24,037	2,301	2,824

■ Note : 1.The number of rejections is based on the number of rejections after examination and reexamination.
 "Approval" is the number of published approvals. This system was replaced by the patent granted 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 reexamination cases from 2005 on.

4. Design Patents Filed & Disposed

Item Year	Application	Reexamination	Rejection	Approval	Certificate Issued	Grant
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
2008	7,751	201	1,288	-	6,007	6,005
2009	6,739	188	1,098	-	5,995	5,995
2010	7,220	109	843	-	5,688	5,686
2011	7,736	127	710	0	6,243	6,243

■ Note: The number of rejections is based on the number of rejections after examination and reexamination.
 "Approval" is the number of published approvals. This system was replaced by the patent granted 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 and Invalidation

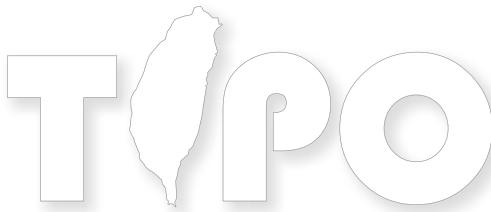
Year	Item	Opposition		Invalidation	
		Sustained	Denied	Sustained	Denied
2002		835	1,466	194	353
2003		524	973	261	366
2004		648	1,279	142	266
2005		460	1,096	172	370
2006		210	448	354	504
2007		42	67	605	743
2008		6	11	523	646
2009		4	4	719	602
2010		3	3	522	453
2011		2	5	480	474

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

6. Patent Administrative Appeals, 2005 - 2011

Year	Item	Administrative Appeals				
		Cases Filed	Decisions of Administrative Appeals			
			Original Decisions Revoked	Administrative Appeals Rejected	Others	Rate of Revocation
2005		1,033	96	880	37	9.48%
2006		737	91	764	22	10.38%
2007		685	45	651	29	6.21%
2008		531	57	512	14	9.78%
2009		508	46	410	16	9.75%
2010		421	39	465	15	7.51%
2011		378	28	342	8	7.41%

Note : 1.The above statistics are based on figures published by the Petitions and Appeals Committee, MOEA.
 2.The "Administrative Appeals Rejected" column includes cases inadmissible and rejected. The "Others" column includes withdrawals by appellants, jurisdictional transfers, and consolidated reviews.



7. Patent Administrative Litigation Processed by the Intellectual Property Court

Item Year	Cases Received	Cases Concluded								Total
		Withdrawn	Plaintiff Won	Plaintiff Lost	Partially Sustained	Dismissals	Settlements	Others		
Jul. - Dec. 2008	93	3	6	28	0	2	0	1	40	
2009	143	4	20	90	11	10	0	0	135	
2010	183	5	42	109	12	5	0	0	173	
2011	135	5	31	102	20	3	0	0	161	

■ Note : 1.The above statistics are provided by the Intellectual Property Court.
2. "Plaintiff Won" and "Partially Sustained" include appeals filed against the Ministry of Economic Affairs whose appeal decisions were revoked.

8. Residents and Non-Residents Patent Applications

Item Year	Residents				Non-Residents				Total
	Invention	Utility Model	Design	Total	Invention	Utility Model	Design	Total	
2002	9,638	20,692	5,596	35,926	21,978	1,058	2,440	25,476	
2003	13,049	21,231	5,383	39,663	22,774	704	2,601	26,079	
2004	16,747	20,809	5,464	43,020	25,172	709	3,181	29,062	
2005	20,093	22,641	4,987	47,721	27,748	585	3,388	31,721	
2006	21,365	22,674	4,587	48,626	28,746	605	3,011	32,362	
2007	23,330	22,214	4,051	49,595	28,346	501	3,392	32,239	
2008	23,868	23,195	4,276	51,339	28,041	758	3,475	32,274	
2009	22,712	24,289	4,255	51,256	23,942	743	2,484	27,169	
2010	22,905	24,917	4,285	52,107	24,537	915	2,935	28,387	
2011	23,518	24,094	4,609	52,221	26,564	1,076	3,127	30,767	

9. Residents and Non-Residents Patent Approvals (2000-2004)

Item Year	Residents				Non-Residents				Total
	Invention	Utility Model	Design	Total	Invention	Utility Model	Design	Total	
2000	3,834	14,924	4,979	23,737	11,823	1,066	2,039	14,928	
2001	6,477	19,999	5,834	32,310	17,952	1,213	2,314	21,479	
2002	5,683	15,265	3,898	24,846	17,353	850	1,993	20,196	
2003	6,399	20,315	4,241	30,955	18,735	1,124	2,220	22,079	
2004	4,859	8,856	2,201	15,916	9,829	636	1,336	11,801	

■ Note: The published approval system was abolished after the new Patent Act took effect on July 1, 2004.

10. Residents and Non-Residents Patent Grants (2004-2011)

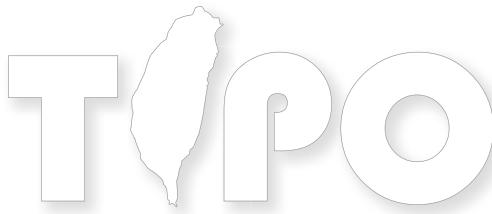
Item Year	Residents				Non-Residents			
	Invention	Utility Model	Design	Total	Invention	Utility Model	Design	Total
2004	2,662	13,637	1,302	17,601	3,104	427	761	4,292
2005	9,124	29,328	3,872	42,324	11,502	790	2,620	14,912
2006	11,431	18,857	3,485	33,773	11,797	550	2,654	15,001
2007	10,578	20,267	3,223	34,068	11,640	502	2,796	14,938
2008	6,364	22,823	3,177	32,364	6,503	588	2,828	9,919
2009	7,445	22,819	3,193	33,457	6,693	772	2,802	10,267
2010	8,423	23,178	3,455	35,056	7,922	757	2,231	10,910
2011	10,112	23,095	3,717	36,924	9,913	942	2,526	13,381

Note: The patent granted system issues the certificate at the same time the approval is published. This system took effect on July 1, 2004.

C. Statistics on Patent-by Classification

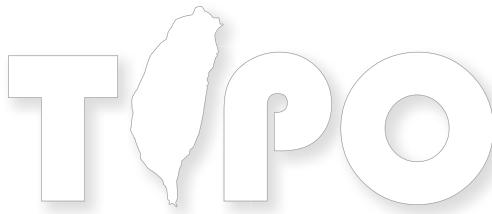
1. Invention Applications and Grants by Classification in Recent 3 Years

Classification	Application			Grant		
	2008	2009	2010	2009	2010	2011
A01	412	372	376	111	114	133
A21	12	31	25	9	1	11
A22	12	2	1	0	2	5
A23	206	241	249	46	61	85
A24	53	40	48	8	11	10
A41	70	53	68	7	17	18
A42	41	13	18	4	2	4
A43	55	61	66	14	10	10
A44	64	60	82	20	19	18
A45	84	65	86	15	17	18
A46	24	31	27	3	3	7
A47	444	388	367	107	116	158
A61	2,625	2,158	2,166	426	571	789
A62	42	38	41	17	7	10
A63	537	420	354	120	181	147
B01	482	422	451	155	150	208
B02	22	11	15	8	9	12
B03	11	18	13	9	3	9



Classification	Application			Grant		
	2008	2009	2010	2009	2010	2011
B04	7	4	10	4	2	3
B05	263	199	217	77	97	179
B06	4	1	3	1	4	1
B07	17	17	15	1	1	10
B08	85	51	56	4	39	43
B09	18	34	33	8	5	9
B21	167	123	142	129	92	75
B22	94	81	77	33	27	24
B23	478	447	504	165	188	202
B24	164	159	179	40	56	71
B25	407	383	340	176	226	306
B26	108	89	67	25	33	36
B27	35	34	23	21	20	24
B28	18	22	28	3	9	9
B29	518	460	502	140	107	140
B30	21	13	20	4	14	8
B31	13	8	7	5	5	6
B32	302	294	364	61	111	93
B41	315	179	188	122	179	163
B42	21	21	18	16	16	11
B43	41	40	31	14	24	15
B44	53	62	73	9	26	12
B60	445	355	360	206	229	237
B61	26	27	23	14	10	10
B62	485	447	362	133	187	204
B63	47	33	37	12	11	16
B64	14	5	11	3	3	7
B65	654	591	629	222	333	370
B66	46	43	39	34	18	43
B67	29	22	15	4	8	17
B68	2	0	0	0	0	0
B81	127	69	41	21	16	36
B82	49	50	40	7	8	18
C01	276	282	290	86	64	89
C02	124	125	143	47	32	39
C03	216	198	292	45	70	76
C04	127	120	147	43	34	43

Classification	Application			Grant		
	2008	2009	2010	2009	2010	2011
C05	12	19	8	2	2	2
C06	0	1	0	0	0	1
C07	1,230	1,608	1,653	379	548	540
C08	1,343	1,217	1,385	412	334	384
C09	959	821	969	224	219	306
C10	116	103	109	22	14	27
C11	72	68	70	10	17	25
C12	318	287	324	133	145	134
C13	2	8	1	0	0	0
C14	2	3	0	0	0	1
C21	53	54	57	18	20	19
C22	140	142	166	52	41	57
C23	482	545	702	138	156	162
C25	142	145	156	43	50	57
C30	92	126	95	26	28	39
C40	3	5	3	0	0	0
D01	92	63	71	28	43	40
D02	9	9	15	5	8	7
D03	33	30	28	16	12	30
D04	64	56	68	12	33	55
D05	56	42	49	13	20	58
D06	131	95	103	52	51	83
D07	0	2	1	0	0	0
D21	56	42	36	16	20	25
E01	31	34	29	1	7	15
E02	39	53	71	18	27	18
E03	44	33	48	10	17	20
E04	186	165	203	37	89	71
E05	136	112	121	30	73	78
E06	83	81	84	26	27	29
E21	4	8	11	3	8	8
E99	0	0	0	0	0	0
F01	61	38	29	28	43	35
F02	101	95	97	62	77	74
F03	173	180	163	17	14	47
F04	194	189	239	67	120	90
F15	17	8	16	9	13	8

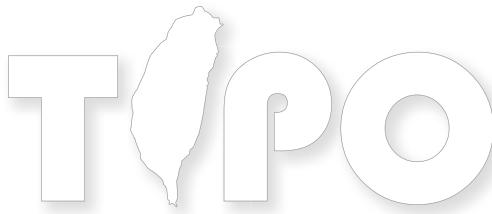


Classification	Application			Grant		
	2008	2009	2010	2009	2010	2011
F16	695	755	708	289	322	335
F17	26	30	33	8	4	13
F21	709	712	685	94	109	144
F22	5	18	9	5	1	2
F23	66	63	70	40	36	29
F24	235	200	207	66	69	69
F25	82	44	70	56	48	57
F26	21	18	16	13	12	11
F27	23	26	33	9	11	15
F28	110	198	151	67	51	51
F41	69	28	31	8	30	12
F42	3	7	5	1	2	1
F99	0	0	0	0	0	0
G01	2,080	1,908	1,908	477	484	657
G02	2,675	2,088	1,878	743	860	1,223
G03	1,323	1,129	990	464	414	459
G04	24	29	34	2	7	16
G05	400	314	339	69	152	165
G06	5,279	5,151	5,093	1,446	1,325	1,640
G07	81	61	54	21	30	31
G08	230	206	203	36	36	57
G09	1,147	1,021	937	282	332	606
G10	160	151	141	50	50	85
G11	1,088	871	678	668	587	680
G12	9	16	6	7	3	2
G21	60	46	38	3	7	25
G99	0	0	0	0	0	0
H01	8,614	7,099	7,548	2,230	2,561	3,285
H02	1,096	961	1,126	320	446	549
H03	835	769	741	320	506	613
H04	4,745	4,423	4,033	939	1,358	1,627
H05	2,089	1,743	2,115	482	618	724
H99	1	0	0	0	0	0
X	439	570	603	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 Grants by Classification in Recent 3 Years

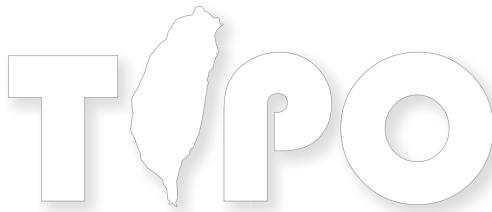
Classification	Application			Grant		
	2008	2009	2010	2009	2010	2011
A01	461	615	651	530	561	584
A21	35	51	68	43	54	43
A22	8	8	5	6	5	8
A23	67	114	128	76	116	98
A24	26	30	27	25	25	21
A41	260	251	279	238	248	236
A42	118	138	104	117	129	100
A43	177	173	215	159	188	205
A44	109	137	105	126	102	110
A45	391	475	575	390	462	578
A46	46	45	56	42	41	58
A47	1,938	2,121	2,279	1,945	2,002	2,123
A61	862	1,028	1,208	865	1,092	1,105
A62	64	95	112	73	104	90
A63	714	702	720	658	697	644
B01	271	269	278	259	234	275
B02	51	27	49	47	30	42
B03	1	7	5	4	8	4
B04	6	5	7	2	7	7
B05	143	157	171	135	149	189
B06	3	0	2	1	1	1
B07	28	25	36	23	32	29
B08	47	47	55	43	44	45
B09	8	10	14	9	11	13
B21	77	93	111	80	102	116
B22	11	18	17	11	21	14
B23	407	419	366	406	357	399
B24	119	118	101	134	78	116
B25	448	543	554	453	550	465
B26	103	113	154	109	122	122
B27	76	54	59	50	57	49
B28	20	10	17	12	12	20
B29	228	198	278	210	238	221
B30	21	15	23	19	14	23
B31	18	13	14	20	12	17
B32	92	123	119	107	117	131
B41	117	100	112	95	105	108
B42	92	108	112	96	100	108
B43	107	128	146	108	125	152
B44	52	68	75	49	77	73
B60	741	746	812	741	716	755
B61	5	4	5	3	5	5



Classification	Application			Grant		
	2008	2009	2010	2009	2010	2011
B62	846	1,113	844	1,012	915	711
B63	31	41	40	31	40	41
B64	2	10	8	7	5	10
B65	1,146	1,135	1,117	1,090	1,071	1,006
B66	50	70	76	61	65	76
B67	28	26	37	32	30	25
B68	4	1	1	0	2	0
B81	9	2	2	4	2	1
B82	3	2	0	2	1	0
C01	17	8	12	16	9	7
C02	59	59	54	56	57	43
C03	21	11	15	14	12	21
C04	2	4	5	3	2	2
C05	4	4	4	4	3	2
C06	0	0	6	0	3	3
C07	0	1	0	0	0	0
C08	11	8	7	8	7	4
C09	20	21	11	20	7	16
C10	6	4	5	4	4	5
C11	13	16	16	13	14	10
C12	18	14	28	14	20	21
C13	0	0	0	0	0	1
C14	0	0	0	0	0	0
C21	8	2	5	3	2	9
C22	1	3	1	2	0	3
C23	36	17	33	24	22	38
C25	24	40	48	29	51	40
C30	5	5	9	3	8	11
C40	0	0	0	0	0	0
D01	13	17	24	12	20	21
D02	7	8	10	11	6	9
D03	22	28	27	21	31	21
D04	58	76	62	57	83	59
D05	60	67	64	65	64	70
D06	80	100	96	87	98	85
D07	5	3	5	4	6	4
D21	8	7	7	2	8	4
E01	42	46	50	39	53	47
E02	51	94	86	77	73	86
E03	114	132	136	117	115	138
E04	517	505	461	451	479	435
E05	334	314	285	332	266	282
E06	341	319	375	360	316	342
E21	2	9	10	5	11	4

Classification	Application			Grant		
	2008	2009	2010	2009	2010	2011
E99	1	0	0	0	0	0
F01	55	61	69	63	61	58
F02	104	96	73	89	71	71
F03	111	151	145	113	157	125
F04	191	214	217	186	222	197
F15	11	12	16	12	11	16
F16	814	855	869	761	822	859
F17	21	27	23	22	27	32
F21	819	976	1,029	828	953	983
F22	4	4	8	5	7	5
F23	83	80	104	73	85	80
F24	552	491	469	508	439	444
F25	57	78	70	65	77	60
F26	25	13	18	16	13	23
F27	12	10	19	9	19	12
F28	50	65	61	43	48	90
F41	82	70	66	79	62	69
F42	3	6	11	3	12	10
F99	0	0	0	0	0	0
G01	451	474	548	433	497	500
G02	596	535	477	573	522	450
G03	203	144	126	198	118	132
G04	38	40	49	32	42	38
G05	54	48	58	51	52	54
G06	1,065	1,102	1,227	1,015	1,145	1,170
G07	62	80	48	63	73	53
G08	131	169	197	163	180	169
G09	251	267	282	267	238	244
G10	67	91	55	65	73	60
G11	175	184	142	170	159	121
G12	8	12	8	12	11	6
G21	4	3	3	3	5	2
G99	0	1	0	0	1	0
H01	3,128	2,817	2,895	3,022	2,730	2,859
H02	431	453	452	440	432	450
H03	67	62	55	81	56	36
H04	548	561	572	562	549	537
H05	945	870	861	955	835	807
H99	0	0	0	0	0	0
X	147	167	204	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 Grants by Classification in Recent 3 Years

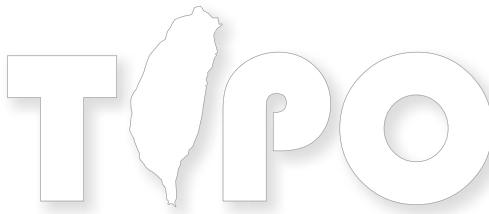
Classification	Application			Grant		
	2008	2009	2010	2009	2010	2011
01	22	29	23	7	19	12
02	228	231	215	140	207	157
03	135	121	113	111	96	96
04	45	39	44	38	17	38
05	46	51	44	30	23	50
06	335	299	293	275	251	279
07	230	218	317	174	158	265
08	313	278	376	241	230	302
09	397	381	372	272	299	386
10	185	145	148	146	143	119
11	146	152	171	95	112	167
12	659	543	579	555	498	563
13	638	560	644	552	509	513
14	1,452	1,077	1,059	1,226	1,037	914
15	320	242	324	264	220	245
16	304	285	271	213	238	251
17	5	17	10	1	10	7
18	16	11	14	11	8	17
19	172	109	123	119	88	106
20	43	30	40	24	25	37
21	302	180	249	216	155	223
22	26	16	23	21	16	17
23	453	396	417	355	339	372
24	117	121	133	89	131	101
25	269	201	174	167	180	146
26	515	635	655	393	438	574
27	20	14	15	16	16	11
28	194	204	209	158	151	194
29	15	8	5	6	7	8
30	17	19	33	17	10	15
31	34	31	27	38	23	23
99	44	45	50	25	32	35
x	55	51	50	-	-	-

■ 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 2010 (TOP 20)

Rank	IPC	IPC Subject	Total
1	H01L	Semiconductor devices; electric solid state devices not otherwise provided for	5,150
2	G06F	Electric digital data processing	3,993
3	H05K	Printed circuits; casings or constructional details of electric apparatus; manufacture of assemblages of electrical components	1,326
4	A61K	Preparations for medical, dental, or toilet purposes	1,160
5	C07D	Heterocyclic compounds	1,107
6	H04N	Pictorial communication	1,071
7	H04W	Wireless communication networks	1,065
8	G02B	Optical elements, systems, or apparatus	969
9	H04L	Transmission of digital information	918
10	G02F	Liquid crystal display (LCD), electrophoresis display (EPD)	875
11	H01R	Electrically-conductive connections	754
12	G03F	Photomechanical production of textured or patterned surfaces; materials therefor; originals therefor; apparatus specially adapted therefor; exposure apparatus	672
13	C23C	Coating metallic material; coating material with metallic material	664
14	H05B	Electric heating; electric lighting not otherwise provided for; organic light emitting diodes (OLED)	656
15	G01R	Measuring electric variables; measuring magnetic variables	597
16	G09G	Arrangements or circuits for control of indicating devices using static means to present variable information	577
17	G06Q	Electronic commerce	540
18	F21V	Lighting devices	518
19	G01N	Investigating or analysing materials by determining their chemical or physical properties	514
20	H04B	Transmission	481

- Note: 1. The order of placement is arranged by the number of applications in 2010, from most to least.
- 2. For detailed IPC subject, please refer to International Patent Classification version 2010.01.
- 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 2010 (TOP 20)

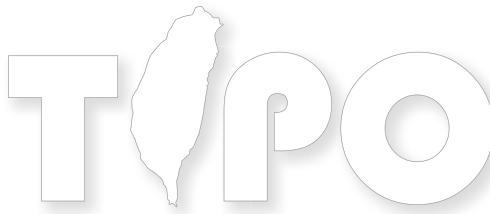
Rank	IPC	IPC Subject	Total
1	H01R	Electrically-conductive connections	1,619
2	G06F	Electric digital data processing	953
3	H05K	Printed circuits; casings or constructional details of electric apparatus; manufacture of assemblages of electrical components	720
4	F21V	Lighting devices	707
5	B65D	Containers for storage or transport of articles or materials	704
6	H01L	Semiconductor devices; electric solid state devices not otherwise provided for	609
7	A47G	Household or table equipment	600
8	A63B	Apparatus for physical training, gymnastics, swimming, climbing, or fencing; ball games; training equipment	447
9	B25B	Tools or bench devices	372
10	A47J	Kitchen equipment; coffee mills; spice mills; apparatus for making beverages	371
11	E06B	Shutter	355
12	A47C	Chairs; sofas; beds	354
13	A47B	Tables; desks; office furniture; cabinets; drawers; general details of furniture	313
14	B62J	Cycle saddles or seats; accessories peculiar to cycles and not otherwise provided for	262
15	A45D	Hairdressing or shaving equipment; manicuring or other cosmetic treatment	259
16	F21S	Non-portable lighting devices or systems thereof	257
17	A01G	Horticulture; cultivation of vegetables, flowers, rice, fruit, vines, hops, or seaweed; forestry; watering	256
18	B62K	Cycles; cycle accessories	252
19	A01K	Animal husbandry; care of birds, fishes, insects; fishing; rearing or breeding animals, not otherwise provided for; new breeds of animals	250
20	B29C	Shaping or joining of plastics; shaping of substances in a plastic state, in general; after-treatment of the shaped products	236

- Note: 1. The order of placement is arranged by the number of applications in 2010, from most to least.
- 2. For detailed IPC subject, please refer to International Patent Classification version 2010.01.
- 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 2010 (TOP 20)

Rank	LOC	LOC Subject	Total
1	13-03	Equipment for distribution or control of electric power	499
2	14-02	Data processing equipment as well as peripheral apparatus and devices	368
3	14-03	Communications equipment, wireless remote controls and radio amplifiers	307
4	12-16	Parts, equipment and accessories for vehicles, not included in other classes or subclasses	260
5	26-04	Luminous sources, electrical or not	234
6	14-99	miscellaneous (equipment)	207
7	09-01	Bottles, flasks, pots, carboys, demijohns, and containers with dynamic dispensing means	197
8	16-06	Optical articles	178
9	14-01	Equipment for the recording or reproduction of sounds or pictures	173
10	23-01	Fluid distribution equipment	166
11	28-03	Toilet articles and beauty parlor equipment	165
12	21-01	Games and toys	155
13	12-11	Cycles and motorcycles	151
13	26-05	Lamps, standard lamps, chandeliers, wall and ceiling fixtures, lampshades, reflectors, photographic and cinematographic projector lamps	151
15	07-02	Cooking appliances, utensils and containers	134
15	26-06	Luminous devices for vehicles	134
17	02-04	Footwear, socks and stockings	127
18	06-01	Seats	122
19	23-04	Ventilation and air-conditioning equipment	121
20	25-02	Building parts (prefabricated or pre-assembled)	118

- Note: 1. The order of placement is arranged by the number of applications in 2010, 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 Grants by International Patent Classification (IPC) in 2011 (TOP 20)

Rank	IPC	IPC Subject	Total
1	H01L	Semiconductor devices; electric solid state devices not otherwise provided for	2,181
2	G06F	Electric digital data processing	1,346
3	G02F	Liquid crystal display (LCD), electrophoresis display (EPD)	852
4	G09G	Arrangements or circuits for control of indicating devices using static means to present variable information	562
5	H05K	Printed circuits; casings or constructional details of electric apparatus; manufacture of assemblages of electrical components	554
6	H04N	Pictorial communication	510
7	H04L	Transmission of digital information	503
8	A61K	Preparations for medical, dental, or toilet purposes	494
9	G11B	Information storage based on relative movement between record carrier and transducer	450
10	G02B	Optical elements, systems, or apparatus	336
11	H04B	Transmission	284
12	H01R	Electrically-conductive connections	270
13	C07D	Heterocyclic compounds	269
13	G03F	Photomechanical production of textured or patterned surfaces; materials therefor; originals therefor; apparatus specially adapted therefor; exposure apparatus	269
15	H01M	Processes or means for directly converting chemical energy into electrical energy	254
16	G01R	Measuring electric variables; measuring magnetic variables	232
17	G11C	Static stores	230
18	H02M	Apparatus for conversion AC/AC, AC/DC, or DC/DC, and for power supply systems; conversion of DC or AC input into surge output; control or regulation thereof	224
19	G01N	Investigating or analysing materials by determining their chemical or physical properties	185
20	C07C	Acyclic or carbocyclic compounds	183

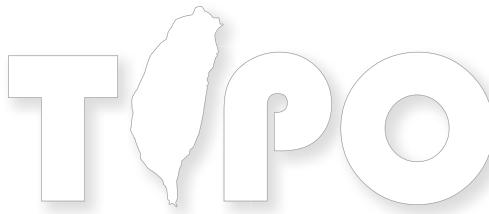
■ Note: 1. The order of placement is arranged by the number of grants in 2011, from most to least.

2. For detailed IPC subject, please refer to International Patent Classification version 2011.01.

8. Utility Model Grants by International Patent Classification (IPC) in 2011 (TOP 20)

Rank	IPC	IPC Subject	Total
1	H01R	Electrically-conductive connections	1,619
2	G06F	Electric digital data processing	918
3	F21V	Lighting devices	715
4	H05K	Printed circuits; casings or constructional details of electric apparatus; manufacture of assemblages of electrical components	670
5	B65D	Containers for storage or transport of articles or materials	631
6	H01L	Semiconductor devices; electric solid state devices not otherwise provided for	621
7	A47G	Household or table equipment	596
8	A63B	Apparatus for physical training, gymnastics, swimming, climbing, or fencing; ball games; training equipment	392
9	A47C	Chairs; sofas; beds	348
10	A47J	Kitchen equipment; coffee mills; spice mills; apparatus for making beverages	335
11	E06B	Shutter	323
12	A47B	Tables; desks; office furniture; cabinets; drawers; general details of furniture	300
13	B25B	Tools or bench devices	297
14	A01K	Animal husbandry; care of birds, fishes, insects; fishing; rearing or breeding animals, not otherwise provided for; new breeds of animals	233
15	A01G	Horticulture; cultivation of vegetables, flowers, rice, fruit, vines, hops, or seaweed; forestry; watering	231
15	A45D	Hairdressing or shaving equipment; manicuring or other cosmetic treatment	231
17	B01D	Separation	230
18	B62J	Cycle saddles or seats; accessories peculiar to cycles and not otherwise provided for	225
19	F16B	Devices for fastening or securing constructional elements or machine parts together; joints or jointing	224
20	F21S	Non-portable lighting devices or systems thereof	215

■ Note: 1. The order of placement is arranged by the number of grants in 2011, from most to least.
 2. For detailed IPC subject, please refer to International Patent Classification version 2011.01.



9. Design Grants by International Classification for Industrial Design System (LOC) in 2011 (TOP 20)

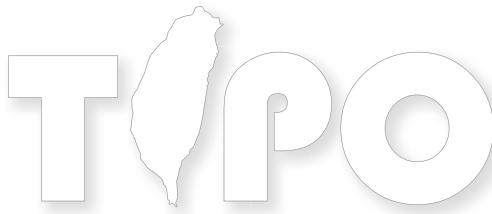
Rank	LOC	LOC Subject	Total
1	13-03	Equipment for distribution or control of electric power	427
2	14-03	Communications equipment, wireless remote controls and radio amplifiers	271
3	14-02	Data processing equipment as well as peripheral apparatus and devices	269
4	12-16	Parts, equipment and accessories for vehicles, not included in other classes or subclasses	253
5	14-99	Miscellaneous (equipment)	222
6	09-01	Bottles, flasks, pots, carboys, demijohns, and containers with dynamic dispensing means	219
7	26-04	Luminous sources, electrical or not	207
8	23-01	Fluid distribution equipment	166
9	28-03	Toilet articles and beauty parlor equipment	159
10	16-06	Optical articles	158
11	14-01	Equipment for the recording or reproduction of sounds or pictures	151
12	26-05	Lamps, standard lamps, chandeliers, wall and ceiling fixtures, lampshades, reflectors, photographic and cinematographic projector lamps	144
13	21-01	Games and toys	131
14	12-11	Cycles and motorcycles	124
15	26-06	Luminous devices for vehicles	119
16	07-02	Cooking appliances, utensils and containers	116
17	25-02	Building parts (prefabricated or pre-assembled)	109
18	06-01	Seats	108
19	02-04	Footwear, socks and stockings	98
19	23-04	Ventilation and air-conditioning equipment	98

■ Note: The order of placement is arranged by the number of grants in 2011, from most to least.

10. Patent Applications by Nationality (2011)

Nationality	Application				
	Invention	Utility Model	Design	Total	Percentage
TAIWAN, REPUBLIC OF CHINA	23,518	24,094	4,609	52,221	62.93
JAPAN	11,833	91	1,442	13,366	16.11
UNITED STATES OF AMERICA	7,088	133	494	7,715	9.30
REPUBLIC OF KOREA	1,664	21	102	1,787	2.15
GERMANY	1,349	28	212	1,589	1.91
MAINLAND CHINA	698	501	130	1,329	1.60
SWITZERLAND	540	5	147	692	0.83
NETHERLANDS	507	0	111	618	0.74
HONG KONG	318	145	125	588	0.71
FRANCE	390	11	65	466	0.56
UNITED KINGDOM	251	12	27	290	0.35
SINGAPORE	249	5	9	263	0.32
SWEDEN	141	4	47	192	0.23
ITALY	117	2	61	180	0.22
CANADA	151	7	6	164	0.20
CAYMAN ISLANDS	139	20	3	162	0.20
BELGIUM	137	0	2	139	0.17
FINLAND	119	1	17	137	0.17
AUSTRALIA	92	6	11	109	0.13
BERMUDA	83	12	0	95	0.11
AUSTRIA	78	0	4	82	0.10
SPAIN	53	2	25	80	0.10
BRITISH VIRGIN ISLANDS	51	15	6	72	0.09
LUXEMBOURG	66	0	1	67	0.08
LIECHTENSTEIN	45	0	17	62	0.07
ISRAEL	51	2	3	56	0.07
MALAYSIA	18	8	15	41	0.05
DENMARK	32	0	4	36	0.04
INDIA	35	0	0	35	0.04
NORWAY	14	3	6	23	0.03
NEW ZEALAND	19	3	0	22	0.03
SAMOA	9	11	0	20	0.02
BARBADOS	17	0	1	18	0.02
CYPRUS	9	0	9	18	0.02
IRELAND	18	0	0	18	0.02
HUNGARY	14	0	0	14	0.02
SEYCHELLES	9	3	0	12	0.01
THAILAND	5	6	1	12	0.01
BRUNEI	5	2	1	8	0.01
BRAZIL	6	1	1	8	0.01
POLAND	8	0	0	8	0.01
SAUDI ARABIA	8	0	0	8	0.01
TURKEY	2	0	5	7	0.01
MEXICO	4	0	2	6	0.01
BELIZE	1	4	0	5	0.01
RUSSIAN FEDERATION	3	1	1	5	0.01
OTHERS	118	11	14	143	0.17
Total	50,082	25,170	7,736	82,988	100.00

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



11. Pre-grant Publications by Nationality (2011)

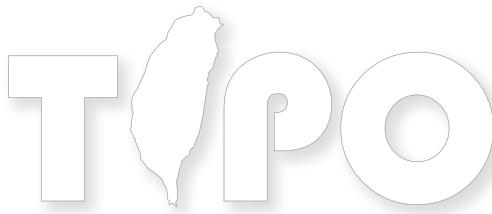
Nationality	Pre-grant Publication	Percentage
TAIWAN, REPUBLIC OF CHINA	21,989	47.64
JAPAN	9,842	21.32
UNITED STATES OF AMERICA	7,448	16.14
REPUBLIC OF KOREA	1,484	3.22
GERMANY	1,323	2.87
NETHERLANDS	623	1.35
SWITZERLAND	500	1.08
MAINLAND CHINA	406	0.88
HONG KONG	388	0.84
FRANCE	319	0.69
SINGAPORE	244	0.53
UNITED KINGDOM	240	0.52
SWEDEN	187	0.41
CAYMAN ISLANDS	169	0.37
ITALY	101	0.22
BELGIUM	97	0.21
CANADA	89	0.19
FINLAND	86	0.19
AUSTRIA	83	0.18
AUSTRALIA	79	0.17
BERMUDA	52	0.11
ISRAEL	46	0.10
BRITISH VIRGIN ISLANDS	46	0.10
SPAIN	43	0.09
LUXEMBOURG	41	0.09
DENMARK	34	0.07
MALAYSIA	28	0.06
INDIA	23	0.05
BARBADOS	22	0.05
IRELAND	13	0.03
LIECHTENSTEIN	13	0.03
NORWAY	11	0.02
SAMOA	11	0.02
BRUNEI	8	0.02
THAILAND	7	0.02
SAUDI ARABIA	6	0.01
CYPRUS	5	0.01
HUNGARY	5	0.01
OTHERS	46	0.10
Total	46,157	100.00

■ Note: Countries with fewer than 5 pre-grant publications are listed as "Others".

12. Certificates Issued by Nationality (2011)

Nationality	Certificate Issued				
	Invention	Utility Model	Design	Total	Percentage
TAIWAN, REPUBLIC OF CHINA	10,113	23,101	3,717	36,931	73.40%
JAPAN	4,536	89	1,121	5,746	11.42%
UNITED STATES OF AMERICA	2,736	165	360	3,261	6.48%
REPUBLIC OF KOREA	862	18	107	987	1.96%
GERMANY	388	28	236	652	1.30%
MAINLAND CHINA	92	371	44	507	1.01%
NETHERLANDS	205	0	119	324	0.64%
SWITZERLAND	219	2	102	323	0.64%
HONG KONG	74	134	89	297	0.59%
FRANCE	132	5	46	183	0.36%
UNITED KINGDOM	111	3	26	140	0.28%
SWEDEN	60	2	44	106	0.21%
ITALY	56	0	49	105	0.21%
SINGAPORE	73	3	11	87	0.17%
CAYMAN ISLANDS	47	34	3	84	0.17%
CANADA	54	3	18	75	0.15%
AUSTRALIA	26	6	19	51	0.10%
BRITISH VIRGIN ISLANDS	20	23	7	50	0.10%
FINLAND	30	0	15	45	0.09%
BERMUDA	17	17	2	36	0.07%
DENMARK	16	0	12	28	0.06%
AUSTRIA	21	0	6	27	0.05%
BELGIUM	21	1	5	27	0.05%
ISRAEL	24	2	0	26	0.05%
LIECHTENSTEIN	2	0	24	26	0.05%
MALAYSIA	2	5	15	22	0.04%
SPAIN	9	3	6	18	0.04%
LUXEMBOURG	15	0	2	17	0.03%
SAMOA	7	9	1	17	0.03%
BARBADOS	15	0	1	16	0.03%
INDIA	3	0	10	13	0.03%
IRELAND	11	0	0	11	0.02%
MAURITIUS	10	1	0	11	0.02%
NORWAY	1	1	9	11	0.02%
BELIZE	0	7	0	7	0.01%
BRUNEI	3	0	3	6	0.01%
BAHAMAS	0	0	6	6	0.01%
THAILAND	3	3	0	6	0.01%
OTHERS	14	7	8	29	0.06%
Total	20,028	24,043	6,243	50,314	100.00%

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



13. Residents Patent Applications in 2011 (Top 20)

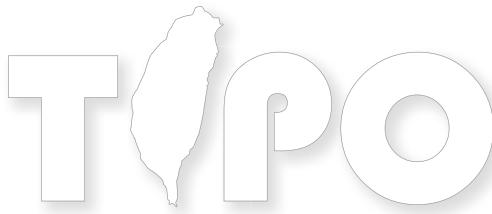
Rank	Applicant	Number of Applications			
		Invention	Utility Model	Design	Total
1	HON HAI PRECISION INDUSTRY CO., LTD.	3,417	433	118	3,968
2	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	750	10	2	762
3	AU Optronics Corp.	537	1	2	540
4	WISTRON CORP.	341	144	0	485
5	FAR EAST UNIVERSITY	62	396	0	458
6	CHENG UEI PRECISION INDUSTRY CO., LTD.	6	280	155	441
7	ACER INCORPORATED	391	19	22	432
8	INVENTEC CORPORATION	322	2	0	324
9	NATIONAL CHENG KUNG UNIVERSITY	282	4	1	287
10	HTC CORPORATION	254	4	6	264
11	SOUTHERN TAIWAN UNIVERSITY OF TECHNOLOGY	68	157	7	232
12	UNITED MICROELECTRONICS CORP.	213	4	0	217
13	CHUNGHWA TELECOM CO., LTD.	149	58	5	212
14	DELTA ELECTRONICS, INC.	180	10	18	208
15	CHUNGHWA PICTURE TUBES, LTD.	132	67	0	199
16	CHIMEI INNOLUX CORPORATION	181	0	0	181
16	DARFON ELECTRONICS CORP.	34	142	5	181
18	CHINA STEEL CORPORATION	129	49	0	178
19	LEXSTAR ELECTRONICS CROPORTION	115	22	36	173
20	MEDIATEK INCORPORATION.	163	0	0	163

Note: Applicants with the same total of 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 Patent Grants in 2011 (Top 20)

Rank	Applicant	Number of Grants			
		Invention	Utility Model	Design	Total
1	HON HAI PRECISION INDUSTRY CO., LTD.	856	681	184	1,721
2	FAR EAST UNIVERSITY	23	510	0	533
3	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	449	11	3	463
4	AU Optronics Corp.	398	0	0	398
5	CHIMEI INNOLUX CORPORATION	395	1	0	396
6	CHENG UEI PRECISION INDUSTRY CO., LTD.	7	198	136	341
7	INVENTEC CORPORATION	188	107	6	301
8	CHUNGHWA PICTURE TUBES, LTD.	103	85	0	188
9	MEDIATEK INCORPORATION.	178	0	0	178
10	SOUTHERN TAIWAN UNIVERSITY OF TECHNOLOGY	46	116	8	170
10	DARFON ELECTRONICS CORP.	16	154	0	170
12	WISTRON CORP.	48	118	1	167
13	ASUSTEK COMPUTER INCORPORATED	155	0	1	156
14	DELTA ELECTRONICS, INC.	129	5	18	152
15	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	146	0	0	146
16	WUFENG UNIVERSITY	0	130	0	130
17	REALTEK SEMICONDUCTOR CORP.	116	0	0	116
18	SHU TE UNIVERSITY	18	74	21	113
19	KUN SHAN UNIVERSITY	6	96	9	111
20	VIA TECHNOLOGIES INC	101	4	2	107

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



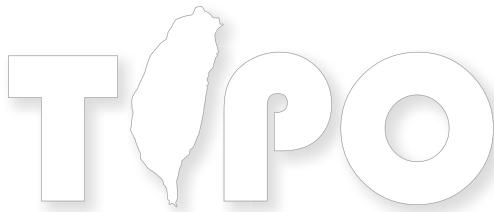
15. Non-Residents Patent Applications in 2011 (Top 20)

Rank	Applicant	Number of Applications			
		Invention	Utility Model	Design	Total
1	SONY CORPORATION	470	0	58	528
2	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.	469	0	0	469
3	QUALCOMM INCORPORATED	413	0	0	413
4	SUMITOMO CHEMICAL CO., LTD.	405	0	0	405
5	TOKYO ELECTRON LIMITED	351	0	17	368
6	INTEL CORPORATION	358	0	0	358
7	KABUSHIKI KAISHA TOSHIBA	323	0	16	339
8	KONINKLIJKE PHILIPS ELECTRONICS N.V.	236	0	84	320
9	NITTO DENKO CORPORATION	309	0	2	311
10	APPLIED MATERIALS, INC	284	0	2	286
11	SAMSUNG MOBILE DISPLAY CO., LTD.	255	0	0	255
12	INTERNATIONAL BUSINESS MACHINES CORPORATION	253	0	0	253
13	FUJIFILM CORPORATION	236	2	6	244
14	MITSUBISHI ELECTRIC CORPORATION	203	0	32	235
15	3M INNOVATIVE PROPERTIES COMPANY	190	1	36	227
16	PANASONIC CORPORATION	172	0	39	211
17	ASAHI GLASS COMPANY, LIMITED	208	2	0	210
18	PANASONIC ELECTRIC WORKS CO., LTD.	157	1	48	206
19	FIH (HONG KONG) LIMITED	146	11	48	205
20	APPLE INC.	143	4	42	189

16. Non-Residents Patent Grants in 2011 (Top 20)

Rank	Applicant	Number of Patent Grants			
		Invention	Utility Model	Design	Total
1	SONY CORPORATION	293	0	16	309
2	QUALCOMM INCORPORATED	199	0	0	199
3	INTERNATIONAL BUSINESS MACHINES CORPORATION	176	0	0	176
3	SAMSUNG ELECTRONICS CO., LTD.	167	0	9	176
5	INTEL CORPORATION	170	1	0	171
6	KONINKLIJKE PHILIPS ELECTRONICS N.V.	70	0	93	163
7	PANASONIC CORPORATION	117	0	35	152
8	LG ELECTRONICS INC.	93	0	47	140
9	BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT	0	0	126	126
10	LG CHEM, LTD	125	0	0	125
11	TOKYO ELECTRON LIMITED	112	0	7	119
12	KABUSHIKI KAISHA TOSHIBA	87	0	28	115
13	APPLIED MATERIALS, INC	107	0	4	111
14	INTERDIGITAL TECHNOLOGY CORPORATION	106	0	0	106
15	HONDA MOTOR CO., LTD.	38	3	53	94
16	TOP VICTORY INVESTMENTS LTD.	1	58	31	90
17	LG DISPLAY CO., LTD.	89	0	0	89
18	NITTO DENKO CORPORATION	88	0	0	88
19	PANASONIC ELECTRIC WORKS CO., LTD.	63	0	23	86
20	MOLEX INCORPORATED	3	76	4	83

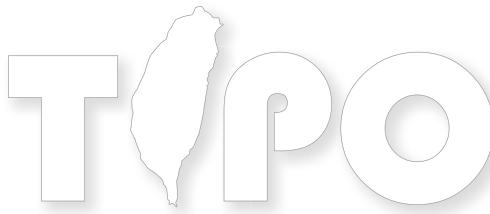
Note: Applicants with the same total of grants are given the same ranking, but the order of placement is arranged by the number of invention patents, from most to least.



17. Certificates Issued by Type of Industry

Type of Industry	Corresponding International Patent Classification	Residents		Non-Residents		Total	
		Invention	Utility Model	Invention	Utility Model	No. of Certificates Issued	Percentage
Agriculture, Forest, Fishery & Animal Husbandry	A01, (exclude A01H,A01K67, A01N, A01P)	64	566	31	13	674	1.53%
Foods & Tobacco	A21-A24	54	167	57	3	281	0.64%
Domestic Articles	A41-A47	134	3,350	99	60	3,643	8.27%
Pharmaceutical & Entertainment	A61-A63, (exclude A61K,A61P,A61Q)	253	1,726	191	60	2,230	5.06%
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	128	50	196	0	374	0.85%
Preparation for Medical, Dental or Toilet Purposes	A61(exclude 35/66-35/76, 38,39,47/42,48,49/14,49/16, 51/08,51/10), A61Q	86	49	348	2	485	1.10%
Separation & Mixing	B01-B09	215	590	259	15	1,079	2.45%
Working of Metal	B21-B32, (exclude B31)	570	1,642	418	34	2,664	6.04%
Printing	B41-B44	104	428	97	13	642	1.46%
Transporting	B60-B68	508	2,526	396	103	3,533	8.02%
Micro-structural technology; nano-technology	B81-B82	34	1	20	0	55	0.12%
Inorganic Chemistry, Treatment of Waste Water	C01-C05,C30	110	76	178	10	374	0.85%
Organic Chemistry	C07, (exclude C07K, C07M)	40	0	458	0	498	1.13%
Organic Macromolecular Compound	C08	92	3	292	1	388	0.88%
Dyes, Petroleum, Animal or Vegetable Oils	C09-C11	75	31	283	0	389	0.88%
Sugar Industries & Pelts/Leather	C13-C14	1	1	0	0	2	0.00%
Metallurgy, Coating Metallic Material & Alloys	C21-C23,C25 (exclude C22K)	92	86	203	4	385	0.87%
Textiles & Flexible Materials	D01-D07	118	263	157	6	544	1.23%

Type of Industry	Corresponding International Patent Classification	Residents		Non-Residents		Total	
		Invention	Utility Model	Invention	Utility Model	No. of Certificates Issued	Percentage
Paper Making & Making Paper Articles	D21,B31	7	21	24	0	52	0.12%
Fixed Constructions	E01-E06	152	1,318	79	12	1,561	3.54%
Mining or Quarrying	E21	3	4	5	0	12	0.03%
Engines and Pumps	F01-F04	128	440	118	11	697	1.58%
Hydraulics or Pneumatics in General	F15-F17	182	890	174	17	1,263	2.87%
Lighting; Heating	F21-F28	256	1,646	122	51	2,075	4.71%
Weapons; Explosive Charges	F41-F42,C06	8	81	6	1	96	0.22%
Optics	G01-G03 (exclude G01N33)	1,267	993	1,030	68	3,358	7.62%
Measuring	G04-G08 (exclude G06F,G06Q)	274	437	200	15	926	2.10%
Semi-Conductor Applications	G09-G12	749	412	624	19	1,804	4.09%
Nuclear Engineering	G21	14	2	11	0	27	0.06%
Electric Power; Generation, Distribution or Conversion of Electric Power, Electric Heating	H02,H05	797	1,188	476	70	2,531	5.74%
Basic Electronic Elements	H01,(exclude H01L)	605	2,055	500	187	3,347	7.59%
Semiconductor Devices	H01L	996	584	1,185	37	2,802	6.36%
Basic Electronic Circuitry; Electric Communication Technique	H03,H04	1,104	516	1,136	57	2,813	6.38%
Electric Digital Data Processing	G06F (exclude 17/60)	822	848	524	70	2,264	5.14%
E-business	G06F17/60,G06Q	71	111	18	3	203	0.46%
Others		0	0	0	0	0	0.00%
Total		10,113	23,101	9,915	942	44,071	100.00%



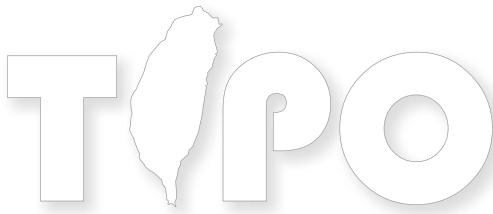
18. Statistics for Valid Patent Invention & Utility Model

Classification	Invention	Utility Model	Classification	Invention	Utility Model
A01	1,177	2,442	B27	148	390
A21	100	215	B28	81	92
A22	15	30	B29	1,481	1,280
A23	579	465	B30	114	107
A24	104	80	B31	51	110
A41	135	1,122	B32	1,007	554
A42	35	435	B41	1,668	640
A43	138	868	B42	90	454
A44	272	523	B43	109	523
A45	161	1,954	B44	116	302
A46	50	197	B60	1,576	3,828
A47	951	9,036	B61	88	26
A61	5,370	4,986	B62	1,647	4,062
A62	93	427	B63	146	240
A63	1,151	3,399	B64	31	38
A99	0	0	B65	2,442	5,621
B01	1,891	1,346	B66	414	395
B02	85	212	B67	72	132
B03	64	34	B68	1	7
B04	18	29	B81	264	23
B05	843	816	B82	46	2
B06	16	6	C01	822	52
B07	48	165	C02	427	297
B08	283	238	C03	613	79
B09	126	52	C04	514	13
B21	788	598	C05	41	17
B22	491	100	C06	7	10
B23	1,748	2,387	C07	4,359	1
B24	969	707	C08	4,624	27
B25	1,399	2,881	C09	2,517	71
B26	271	673	C10	343	17

Classification	Invention	Utility Model
C11	260	41
C12	946	77
C13	5	2
C14	11	4
C21	324	38
C22	587	8
C23	1,720	145
C25	550	209
C30	414	33
C40	0	0
D01	387	102
D02	72	39
D03	149	128
D04	372	352
D05	316	376
D06	579	440
D07	8	20
D21	194	31
E01	106	230
E02	174	377
E03	106	584
E04	546	2,441
E05	448	1,891
E06	200	1,899
E21	51	34
F01	325	292
F02	613	408
F03	121	491
F04	756	1,189
F15	127	75
F16	2,403	4,732

Classification	Invention	Utility Model
F17	129	149
F21	659	3,539
F22	34	26
F23	346	486
F24	617	2,346
F25	432	338
F26	71	113
F27	106	69
F28	451	341
F41	107	351
F42	27	69
G01	5,631	2,538
G02	9,537	2,823
G03	3,910	867
G04	147	176
G05	1,024	250
G06	14,664	6,569
G07	324	337
G08	449	678
G09	4,530	1,128
G10	661	351
G11	7,851	915
G12	30	53
G21	244	19
G99	0	1
H01	42,065	16,329
H02	3,405	2,385
H03	3,899	271
H04	13,730	3,670
H05	5,683	5,203
Total	178,863	124,911

Note: The figures above are calculated based on existing patents as of December 31, 2011.



Design

Classification		Design	Classification		Design	
01		63	27		94	
02		830	28		900	
03		498	29		34	
04		213	30		86	
05		184	31		160	
06		1,349	32		14	
07		916	33		2	
08		1,629	34		15	
09		1,906	35		4	
10		961	36		1	
11		517	37		15	
12		3,388	38		3	
13		2,690	39		0	
14		5,587	40		1	
15		1,544	41		0	
16		1,230	42		3	
17		95	44		1	
18		101	45		1	
19		685	46		28	
20		163	47		2	
21		1,034	48		3	
22		157	49		2	
23		1,876	50		14	
24		694	99		153	
25		746	Total		32,627	
26		2,035	Note: The figures above are calculated based on existing patents as of December 31, 2011.			

19. Statistics of Pending Patent Applications for Examination (2004~2011)

Item Year	Application			Reexamination			Opposition			Invalidation			Technical Evaluation Report for Utility Model	Total
	Invention	Utility Model	Design	Invention	Design	Invention	Utility Model	Design	Invention	Utility Model	Design			
2004	43,978	14,818	7,901	14,862	371	439	1,649	149	211	874	70	485	85,807	
2005	52,757	4,725	8,027	11,046	196	213	474	2	305	1,738	92	1,719	81,294	
2006	62,937	6,634	6,703	9,256	335	48	25	0	411	2,028	73	1,204	89,654	
2007	90,824	7,340	7,029	7,641	291	1	4	0	501	1,703	85	1,693	117,112	
2008	123,123	6,161	7,103	5,907	180	1	0	0	517	1,595	67	1,732	146,386	
2009	140,646	6,410	6,034	4,627	124	0	1	0	461	1,244	37	2,873	162,457	
2010	153,691	7,609	6,202	4,154	115	0	1	0	428	1,176	56	2,918	176,350	
2011	160,318	7,060	6,224	4,284	74	0	0	0	346	1,049	80	2,383	181,818	

- Note: 1. Since July 1, 2004, Utility Model patents applications have only been subject to formality examination with the requirement that the technical evaluation reports be attached.
 2. The statistics above excludes the number of applications not requesting for substantial examination. (2004: 6,239 cases; 2005: 10,509; 2006: 11,298; 2007: 11,374; 2008: 12,965; 2009: 8,501; 2010: 10,705; 2011: 12,671)
 3. Some new applications were collected via E-filing starting April 2008. Since operation procedures were different, there was a slight discrepancy in statistical data for 2008 on the number of pending cases.

D. Trend Table of Invention Requests For Examination

Number and Percentage of Requests for Examination (Shown by the Year of Filing)

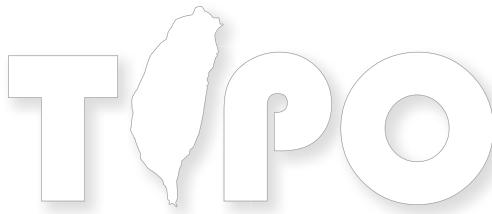
Filing Year	Invention Applications (Total Applications In This Year)	In the First Year Since the Filing Date		In the Second Year Since the Filing Date		In the Third Year Since the Filing Date		After the Third Year Since the Filing Date		Sum of the Number/ Percentage of Applications Requested For Examination	
		Applications	Percentage	Applications	Percentage	Applications	Percentage	Applications	Percentage	Applications	Percentage
2002	6,221	3,430	55.14%	390	6.27%	1,577	25.35%	91	1.46%	5,488	88.22%
2003	35,823	21,962	61.31%	1,292	3.61%	8,898	24.84%	462	1.29%	32,614	91.04%
2004	41,919	25,833	61.63%	1,645	3.92%	10,236	24.42%	596	1.42%	38,310	91.39%
2005	47,841	29,641	61.96%	1,679	3.51%	11,321	23.66%	657	1.37%	43,298	90.50%
2006	50,111	31,726	63.31%	1,558	3.11%	10,724	21.40%	359	0.72%	44,367	88.54%
2007	51,676	33,315	64.47%	1,550	3.00%	10,730	20.76%	418	0.81%	46,013	89.04%
2008	51,909	32,214	62.06%	1,468	2.83%	12,315	23.73%	260	0.50%	46,257	89.11%
2009	46,654	28,528	61.15%	1,390	2.98%	2,400	5.14%	481	1.03%	32,799	70.30%
2010	47,442	27,829	58.66%	725	1.53%	56	0.12%	468	0.99%	29,078	61.29%
2011	50,082	28,222	56.35%	20	0.04%	60	0.12%	619	1.24%	28,921	57.75%

Date Jan. 10, 2011

- Note: 1. The number of requests for examination (including new applications, divisional applications, and conversion applications) refers to the number of requests for examination according to the provisions of Article 37.1 and 2 of the Patent Act of the ROC.
- 2. Except for the divisional applications and conversion applications conforming to the provisions of Article 33 or 102 of the Patent Act, the invention applications failing to be submitted a request for examination within three years from the filing date are deemed to have been withdrawn.
- 3. The percentage of requests for examination refers to the percentage of the total number of the requests for examination in each year within three years from the filing dates, divisional and conversion applications divided or converted in 30 days from the filing date according to the provisions of Articles 33 and 102 of the Patent Act, to the total number of new applications for invention.
- 4. The total number of invention applications in each year, besides the new applications filed in the year, further includes the number of the divisional applications and the number of conversion applications divided or converted in the year but originally filed before the year.

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
2008	37	37
2009	30	27
2010	50	48
2011	144	120



II. Trademark Cases Filed & Disposed

A. General Statistics of Trademark Cases (1987-2011)

Year \ Item	Application	Registration	Approval	Rejection
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
2008	59,568	49,500	-	7,811
2009	59,669	48,075	-	7,728
2010	66,496	54,292	-	8,356
2011	67,620	48,315	-	6,480

- 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.

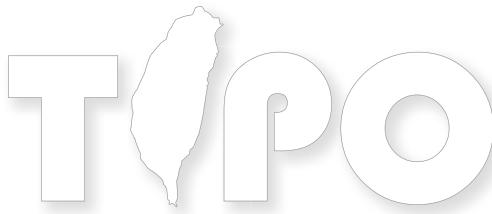
B. Statistics of Trademark (2002-2011)

1. Statistics of Applications

Year	Item		Opposition	Invalidation	Revocation
	By case	By class			
2002	61,729	-	2,081	577	256
2003	65,907	-	1,762	644	317
2004	61,667	72,650	1,536	440	288
2005	63,580	76,838	1,562	537	368
2006	65,101	79,767	1,637	493	453
2007	61,454	76,332	1,195	438	357
2008	59,568	75,033	1,192	363	358
2009	59,669	74,177	1,033	389	354
2010	66,496	83,072	1,010	373	648
2011	67,620	85,958	881	444	441

Year	Item		Assignment	Alteration
	Renewal	License		
2002	17,896	3,215	8,607	8,059
2003	21,996	2,593	11,477	8,611
2004	21,559	2,056	7,796	5,451
2005	22,534	1,980	9,255	7,416
2006	26,155	1,864	9,418	8,461
2007	26,394	1,800	10,866	10,179
2008	29,954	1,413	8,971	9,595
2009	30,386	1,432	8,925	8,703
2010	33,554	1,148	7,937	9,722
2011	37,530	1,082	8,743	7,848

- Note: 1. The figures above reflect the total number of applications.
 2. The term "Application" includes applications for certification mark, collective membership mark and collective trademark
 3. The term "License" includes applications for sub-license from 2000 on.
 4. The term "Alteration" includes applications for "goods/service reduction" from 2001 on.
 5. Beginning from November 28, 2003, applications for trademark registration may contain two more types of goods or services, thus the number of applications and the number of classes are not the same.



2. Trademark Opposition

Year	Item	Sustained	Denied	Others
2002		1,450	593	311
2003		896	501	206
2004		806	399	261
2005		804	520	231
2006		804	445	199
2007		854	478	243
2008		705	282	268
2009		753	295	256
2010		514	195	223
2011		436	124	260

■ Note: 1. The chart reflects the number of cases disposed each year.
2. The item "Others" includes rejection because of formal deficiency, withdrawal, and other type of rejection.

3. Trademark Invalidation

Year	Item	Sustained	Denied	Others
2002		354	164	60
2003		296	134	50
2004		293	94	48
2005		255	180	76
2006		267	135	65
2007		227	110	91
2008		241	94	76
2009		295	149	107
2010		220	76	91
2011		194	50	122

■ Note: 1. The chart reflects the number of cases disposed each year.
2. The item "Others" includes rejection because of formal deficiency, withdrawal, application for identifying the scope of designated goods or services, and other type of rejection.

4. Trademark Revocation (Cancellation)

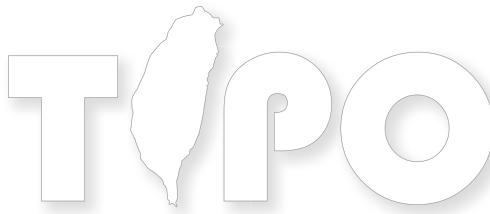
Year	Item	Sustained	Denied	Others
2002		168	58	52
2003		193	42	48
2004		198	39	51
2005		216	71	45
2006		307	66	73
2007		284	27	42
2008		226	43	53
2009		248	62	76
2010		484	27	56
2011		310	33	112

- Note: 1. The chart reflects the number of cases disposed each year.
 2. The item "Others" includes rejection because of formal deficiency, withdrawal, and other type of rejection.
 3. Beginning from November 28, 2003, "disciplinary cancellation" has been changed to "revocation".

5. Trademark Administrative Appeals, 2005 - 2011

Year	Item	Administrative Appeals				
		Cases Filed	Decisions of Administrative Appeals			
			Original Decisions Revoked	Administrative Appeals Rejected	Others	Rate of Revocation
2005		1,206	142	972	41	12.29%
2006		1,164	136	1,086	57	10.63%
2007		1,217	77	1,052	41	6.58%
2008		1,054	85	953	25	8.00%
2009		1,048	78	920	35	7.55%
2010		906	68	930	27	6.63%
2011		674	34	648	31	4.77%

- Note: 1. The above statistics are based on figures published by the Petitions and Appeals Committee, MOEA.
 2. The "Administrative Appeals Rejected" column includes cases inadmissible and rejected. The "Others" column includes withdrawals by appellants, jurisdictional transfers, and consolidated reviews.



6. Trademark Administrative Litigation Processed by the Intellectual Property Court

Year	Item Cases Received	Cases Concluded								Total
		Withdrawn	Plaintiff Won	Plaintiff Lost	Partially Sustained	Dismissals	Settlements	Others		
Jul. - Dec. 2008	148	3	5	43	3	8	2	2	66	
2009	263	10	20	197	11	13	10	1	262	
2010	254	14	14	188	14	12	1	0	243	
2011	173	9	16	162	16	8	5	1	217	

■ Note: 1. The above statistics are provided by the Intellectual Property Court. "Plaintiff Won" and "Partially Sustained" include appeals filed against the Ministry of Economic Affairs whose appeal decisions were revoked.
 2. "Settlements" refer to cases concluded by the IP court after the litigants' mutual concession to the disputes and the reaching of an agreement.

7. Residents and Non-Residents Trademark Applications (By Case)

Year	Item	Residents	Non-Residents
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	
2008	45,876	14,244	
2009	47,009	12,677	
2010	50,998	15,498	
2011	50,895	16,725	

8. Residents and Non-Residents Trademark Registrations (By Case)

Year	Item	Residents	Non-Residents
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	
2008	37,220	12,280	
2009	35,650	12,425	
2010	41,410	12,882	
2011	36,687	11,628	

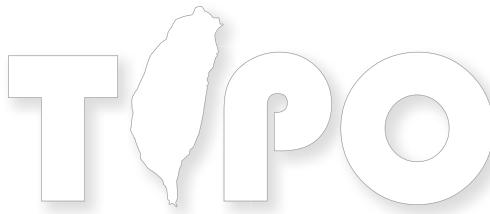
■ Note: Applications for joint ownership of trademark received from July 13, 2006. The number of statistics by nationality in this table is counted by the number of applicants in terms of their nationality.

C. Statistics of Trademarks by Class and Nationality

1. Trademark Applications and Registrations by Class (2009-2011)

Class	Application			Registration		
	2009	2010	2011	2009	2010	2011
Total	74,077	82,956	85,824	62,627	68,034	60,415
1	1,128	1,279	1,337	1,007	1,204	906
2	296	360	394	330	314	253
3	4,614	5,356	5,384	3,441	4,105	3,704
4	499	493	482	426	449	337
5	5,330	5,616	5,414	4,063	4,717	3,954
6	855	911	980	824	931	727
7	1,348	1,783	1,884	1,597	1,437	1,357
8	527	601	655	514	544	462
9	5,634	6,401	7,100	5,574	5,258	4,787
10	1,049	1,242	1,264	916	1,047	975
11	1,749	1,878	1,989	1,540	1,629	1,494
12	1,558	1,694	1,617	1,511	1,452	1,287
13	43	46	49	73	32	36
14	1,046	1,236	1,440	1,124	1,055	964
15	118	102	138	110	100	92
16	2,457	2,562	2,340	2,257	2,157	1,869
17	414	630	631	523	510	519
18	2,087	2,478	2,603	1,641	2,085	1,736
19	446	505	490	434	445	411
20	1,036	1,322	1,324	912	1,113	954
21	1,324	1,578	1,495	1,127	1,294	1,080
22	116	134	184	134	125	130
23	76	75	102	95	71	52
24	783	977	1,011	728	783	737
25	5,043	5,698	5,439	4,166	4,528	3,891
26	351	389	372	332	357	322
27	122	162	238	136	131	148
28	1,574	1,588	1,665	1,460	1,454	1,278
29	2,744	2,834	2,964	1,875	2,384	1,981
30	5,015	5,562	5,710	3,301	4,288	3,817
31	970	984	956	753	860	684
32	1,651	1,472	1,405	1,192	1,307	948
33	790	813	1,088	586	690	554
34	269	302	285	307	249	210
35	6,942	8,158	8,923	5,592	6,415	6,225
36	923	1,181	1,245	923	886	884
37	851	1,126	1,123	789	940	876
38	864	944	996	834	812	704
39	577	518	689	564	505	419
40	395	527	558	396	429	390
41	2,777	3,084	3,202	2,441	2,433	2,306
42	2,074	2,332	2,450	1,896	1,943	1,676
43	4,013	4,296	4,223	2,800	3,155	2,884
44	1,043	1,143	1,320	889	906	941
45	556	584	666	494	505	454

Note: The above figures do not include the applications and registrations of certification mark and collective membership mark.



2. Trademark Applications by Nationality in 2011 (By Case)

Nationality	Application	Percentage	Nationality	Application	Percentage
TAIWAN, REPUBLIC OF CHINA	50,895	75.27	PHILIPPINES	31	0.05
UNITED STATES OF AMERICA	3,737	5.53	SAMOA	31	0.05
JAPAN	3,542	5.24	RUSSIAN FEDERATION	27	0.04
MAINLAND CHINA	1,968	2.91	CYPRUS	26	0.04
GERMANY	946	1.40	BERMUDA	25	0.04
HONG KONG	866	1.28	MEXICO	25	0.04
FRANCE	678	1.00	TURKEY	25	0.04
SWITZERLAND	608	0.90	SOUTH AFRICA	25	0.04
REPUBLIC OF KOREA	580	0.86	ISRAEL	22	0.03
UNITED KINGDOM	446	0.66	NORWAY	18	0.03
ITALY	398	0.59	VIETNAM	18	0.03
CAYMAN ISLANDS	332	0.49	MACAO	16	0.02
SINGAPORE	275	0.41	NETHERLANDS ANTILLES	14	0.02
NETHERLANDS	262	0.39	BULGARIA	13	0.02
BRITISH VIRGIN ISLANDS	229	0.34	CZECH REPUBLIC	12	0.02
CANADA	166	0.25	ARGENTINA	9	0.01
SPAIN	155	0.23	AMERICAN SAMOA	9	0.01
AUSTRALIA	128	0.19	BARBADOS	9	0.01
SWEDEN	92	0.14	LIECHTENSTEIN	9	0.01
MALAYSIA	89	0.13	MAURITIUS	8	0.01
LUXEMBOURG	78	0.12	BAHAMAS	7	0.01
DENMARK	67	0.10	BELARUS	7	0.01
INDIA	61	0.09	IRAN	7	0.01
THAILAND	60	0.09	MONACO	7	0.01
INDONESIA	48	0.07	SAUDI ARABIA	7	0.01
IRELAND	46	0.07	SEYCHELLES	7	0.01
NEW ZEALAND	46	0.07	OTHERS	168	0.25
BELGIUM	43	0.06			
BRAZIL	36	0.05			
BELIZE	34	0.05			
FINLAND	34	0.05			
UNITED ARAB EMIRATES	31	0.05			
AUSTRIA	31	0.05			
CHILE	31	0.05			

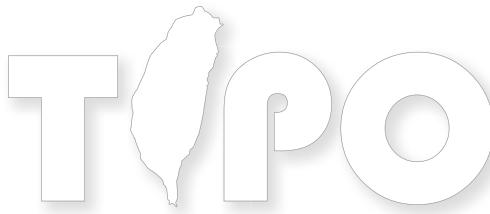
	Subtotal	Ratio
Residents	50,895	75.27%
Non-Residents	16,725	24.73%
Total	67,620	100.00%

- Note: 1. 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.
 2. Countries with fewer than five applications are listed as "Others."

3. Trademark Registrations by Nationality in 2011 (By Case)

Nationality	Registration	Percentage	Nationality	Registration	Percentage
TAIWAN, REPUBLIC OF CHINA	36,687	75.93	CHILE	12	0.02
JAPAN	2,801	5.80	MACAO	12	0.02
UNITED STATES OF AMERICA	2,610	5.40	BERMUDA	11	0.02
MAINLAND CHINA	1,252	2.59	PORTUGAL	11	0.02
SWITZERLAND	540	1.12	NETHERLANDS ANTILLES	9	0.02
GERMANY	540	1.12	BULGARIA	9	0.02
HONG KONG	479	0.99	BRAZIL	9	0.02
FRANCE	449	0.93	ISRAEL	9	0.02
REPUBLIC OF KOREA	422	0.87	NORWAY	8	0.02
UNITED KINGDOM	369	0.76	PHILIPPINES	8	0.02
ITALY	237	0.49	SOUTH AFRICA	8	0.02
BRITISH VIRGIN ISLANDS	215	0.44	ARGENTINA	7	0.01
SINGAPORE	207	0.43	CYPRUS	7	0.01
NETHERLANDS	202	0.42	CZECH REPUBLIC	7	0.01
CAYMAN ISLANDS	118	0.24	BARBADOS	6	0.01
SPAIN	112	0.23	GREECE	6	0.01
MALAYSIA	86	0.18	MARSHALL ISLANDS	6	0.01
AUSTRALIA	76	0.16	PANAMA	6	0.01
SWEDEN	75	0.16	POLAND	6	0.01
CANADA	72	0.15	SAUDI ARABIA	6	0.01
DENMARK	52	0.11	OTHERS	84	0.17
INDIA	45	0.09			
LUXEMBOURG	44	0.09			
BELGIUM	43	0.09			
NEW ZEALAND	39	0.08			
AUSTRIA	36	0.07			
IRELAND	36	0.07			
INDONESIA	35	0.07			
FINLAND	31	0.06			
BELIZE	28	0.06			
THAILAND	27	0.06			
UNITED ARAB EMIRATES	16	0.03			
SEYCHELLES	16	0.03			
SAMOA	16	0.03			
MEXICO	14	0.03			
RUSSIAN FEDERATION	14	0.03			
TURKEY	14	0.03			
VIETNAM	13	0.03			
Subtotal			Ratio		
Residents	36,687	75.93%			
Non-Residents	11,628	24.07%			
Total	48,315	100.00%			

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



D. Statistics for Certification Mark and Collective Membership Mark

Item 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
2008	41	40	42	35
2009	43	27	57	41
2010	33	39	83	55
2011	64	21	70	56