

Table 1-1 Patent Statistics

	Application	Pre-grant Publication	Patent Granted	Rejection	Invalidation
2011	82,988	46,157	50,305	15,945	792
2012	85,073	51,592	56,610	21,874	828
2013	83,211	52,126	72,148	27,371	660
2014	78,014	48,720	76,255	25,522	616
2015	73,627	47,367	78,094	22,496	604
Q1, 2015	17,221	11,663	19,023	5,894	140
Q2, 2015	18,176	12,672	19,013	5,724	131
Q3, 2015	18,059	11,825	19,585	5,660	149
Q4, 2015	20,171	11,207	20,473	5,218	184
Q1-Q4, 2015	73,627	47,367	78,094	22,496	604
Q1, 2016	16,649	11,716	19,093	4,346	124
Q2, 2016	17,845	10,835	19,758	4,130	132
Q3, 2016	18,121	11,341	17,811	3,972	128
Q4, 2016	19,827	10,463	19,744	3,869	164
Q1-Q4, 2016	72,442	44,355	76,406	16,317	548
Q4, 2016 compared to Q3, 2015(%)	-1.71	-6.64	-3.56	-25.85	-10.87
Q1-4, 2016 compared to Q1-4, 2015(%)	-1.61	-6.36	-2.16	-27.47	-9.27

Table 1-2 The Number of Patent Applications-Residents and Non-Residents

	Total			Invention			Utility Model			Design		
	Total	Residents	Non-Residents	Subtotal	Residents	Non-Residents	Subtotal	Residents	Non-Residents	Subtotal	Residents	Non-Residents
2011	82,988	52,221	30,767	50,082	23,518	26,564	25,170	24,094	1,076	7,736	4,609	3,127
2012	85,073	52,515	32,558	51,189	23,077	28,112	25,636	24,427	1,209	8,248	5,011	3,237
2013	83,211	50,714	32,497	49,218	21,730	27,488	25,025	23,837	1,188	8,968	5,147	3,821
2014	78,014	45,868	32,146	46,378	19,054	27,324	23,488	22,135	1,353	8,148	4,679	3,469
2015	73,627	41,869	31,758	44,415	17,282	27,133	21,404	20,138	1,266	7,808	4,449	3,359
Q1, 2015	17,221	9,595	7,626	10,525	3,967	6,558	4,897	4,595	302	1,799	1,033	766
Q2, 2015	18,176	10,552	7,624	10,554	4,027	6,527	5,690	5,394	296	1,932	1,131	801
Q3, 2015	18,059	9,998	8,061	10,946	4,090	6,856	5,135	4,830	305	1,978	1,078	900
Q4, 2015	20,171	11,724	8,447	12,390	5,198	7,192	5,682	5,319	363	2,099	1,207	892
Q1-Q4, 2015	73,627	41,869	31,758	44,415	17,282	27,133	21,404	20,138	1,266	7,808	4,449	3,359
Q1, 2016	16,649	8,826	7,823	10,306	3,505	6,801	4,551	4,291	260	1,792	1,030	762
Q2, 2016	17,845	10,192	7,653	10,316	3,942	6,374	5,376	5,065	311	2,153	1,185	968
Q3, 2016	18,121	10,026	8,095	10,849	4,066	6,783	5,045	4,720	325	2,227	1,240	987
Q4, 2016	19,827	11,399	8,428	12,365	5,353	7,012	5,189	4,922	267	2,273	1,124	1,149
Q1-Q4, 2016	72,442	40,443	31,999	43,836	16,866	26,970	20,161	18,998	1,163	8,445	4,579	3,866
Q4, 2016 compared to Q4, 2015(%)	-1.71	-2.77	-0.22	-0.20	2.98	-2.50	-8.68	-7.46	-26.45	8.29	-6.88	28.81
Q1-4, 2016 compared to Q1-4, 2015(%)	-1.61	-3.41	0.76	-1.30	-2.41	-0.60	-5.81	-5.66	-8.14	8.16	2.92	15.09

Table 1-3 Patents Granted to Residents and Non-Residents

	Total			Invention			Utility Model			Design		
	Total	Residents	Non-Residents	Subtotal	Residents	Non-Residents	Subtotal	Residents	Non-Residents	Subtotal	Residents	Non-Residents
2011	50,305	36,924	13,381	20,025	10,112	9,913	24,037	23,095	942	6,243	3,717	2,526
2012	56,610	39,645	16,965	25,536	12,177	13,359	24,643	23,528	1,115	6,431	3,940	2,491
2013	72,148	47,534	24,614	40,251	19,572	20,679	24,847	23,670	1,177	7,050	4,292	2,758
2014	76,255	47,848	28,407	45,603	21,340	24,263	23,713	22,486	1,227	6,939	4,022	2,917
2015	78,090	46,486	31,604	48,318	21,438	26,880	22,106	20,790	1,316	7,666	4,258	3,408
Q1, 2015	19,023	11,349	7,674	12,028	5,432	6,596	5,307	4,970	337	1,688	947	741
Q2, 2015	19,013	11,611	7,402	11,272	5,009	6,263	5,826	5,520	306	1,915	1,082	833
Q3, 2015	19,585	11,653	7,932	11,783	5,130	6,653	5,771	5,414	357	2,031	1,109	922
Q4, 2015	20,469	11,873	8,596	13,235	5,867	7,368	5,202	4,886	316	2,032	1,120	912
Q1-Q4, 2015	78,090	46,486	31,604	48,318	21,438	26,880	22,106	20,790	1,316	7,666	4,258	3,408
Q1, 2016	19,093	10,630	8,463	12,553	5,243	7,310	4,674	4,405	269	1,866	982	884
Q2, 2016	19,758	11,681	8,077	12,380	5,530	6,850	5,227	4,941	286	2,151	1,210	941
Q3, 2016	17,811	10,246	7,565	11,320	4,874	6,446	4,739	4,417	322	1,752	955	797
Q4, 2016	19,744	11,414	8,330	12,694	5,531	7,163	5,153	4,845	308	1,897	1,038	859
Q1-Q4, 2016	76,406	43,971	32,435	48,947	21,178	27,769	19,793	18,608	1,185	7,666	4,185	3,481
Q4, 2016 compared to Q4, 2015(%)	-3.54	-3.87	-3.09	-4.09	-5.73	-2.78	-0.94	-0.84	-2.53	-6.64	-7.32	-5.81
Q1-4, 2016 compared to Q1-4, 2015(%)	-2.16	-5.41	2.63	1.30	-1.21	3.31	-10.46	-10.50	-9.95	0.00	-1.71	2.14

Table 1-4 Patent Statistics-Opposition and Invalidation

	Opposition			Invalidation			
	Total	Sustained	Denied	Total	Sustained	Partial Sustained	Denied
2011	7	2	5	954	480	-	474
2012	5	3	2	932	484	-	448
2013	0	0	0	879	429	113	337
2014	1	0	1	834	365	140	329
2015	0	0	0	656	298	103	255
Q1, 2015	0	0	0	150	68	20	62
Q2, 2015	0	0	0	167	83	26	58
Q3, 2015	0	0	0	165	68	30	67
Q4, 2015	0	0	0	174	79	27	68
Q1-Q4, 2015	0	0	0	656	298	103	255
Q1, 2016	0	0	0	167	79	26	62
Q2, 2016	0	0	0	177	85	15	77
Q3, 2016	0	0	0	162	55	24	83
Q4, 2016	0	0	0	171	58	35	78
Q1-Q4, 2016	0	0	0	677	277	100	300
Q4, 2016 compared to Q4, 2015(%)	--	--	--	-1.72	-26.58	29.63	14.71
Q1-4, 2016 compared to Q1-4, 2015(%)	--	--	--	3.20	-7.05	-2.91	17.65

Table1-5 Patent Administrative Remedies -Filed and Reversed

	Total		Appeals		Administrative Suits	
	Filed	TIPO Decisions Reversed	Filed	TIPO Decisions Reversed	Filed	TIPO Decisions Reversed
2011	513	79	378	28	135	51
2012	512	50	386	29	126	21
2013	577	67	444	39	133	28
2014	548	35	426	22	122	13
2015	494	51	367	19	127	32
Q1, 2015	153	15	115	5	38	10
Q2, 2015	118	12	93	5	25	7
Q3, 2015	108	12	82	4	26	8
Q4, 2015	115	12	77	5	38	7
Q1-Q4, 2015	494	51	367	19	127	32
Q1, 2016	82	15	60	6	22	9
Q2, 2016	114	10	90	3	24	7
Q3, 2016	109	8	79	4	30	4
Q4, 2016	112	11	84	3	28	8
Q1-Q4, 2016	417	44	313	16	104	28
Q4, 2016 compared to Q4, 2015(%)	-2.61	-8.33	9.09	-40.00	-26.32	14.29
Q1-4, 2016 compared to Q1-4, 2015(%)	-15.59	-13.73	-14.71	-15.79	-18.11	-12.50

Table 1-6 Invention Patent Applications by Country of Origin (Foreign)

Rank	Country of Origin	Q4			Q1-Q4		
		2016	2015	2016 compared to 2015(%)	2016	2015	2016 compared to 2015(%)
1	Japan	2,920	3,060	-4.58	12,006	12,284	-2.26
2	United States of America	1,829	1,961	-6.73	7,081	7,184	-1.43
3	Mainland China	491	388	26.55	1,484	1,332	11.41
4	South Korea	463	434	6.68	1,719	1,614	6.51
5	Germany	345	331	4.23	1,300	1,232	5.52
6	Netherlands	176	114	54.39	522	375	39.20
7	Switzerland	114	122	-6.56	415	457	-9.19
8	France	90	91	-1.10	316	386	-18.13
9	United Kingdom	75	82	-8.54	318	256	24.22
10	Hong Kong	73	107	-31.78	274	388	-29.38

Table 1-7 Residents Invention Patent Applications

Rank	Applicant	Q4			Q1-Q4		
		2016	2015	2016 compared to 2015(%)	2016	2015	2016 compared to 2015(%)
1	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD.	600	333	80.18	873	502	73.90
2	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	293	291	0.69	446	447	-0.22
3	INVENTEC CORPORATION	193	181	6.63	227	210	8.10
4	METAL INDUSTRIES RESEARCH&DEVELOPMENT CENTRE	119	118	0.85	144	130	10.77
5	HON HAI PRECISION INDUSTRY CO., LTD.	93	83	12.05	357	596	-40.10
6	CHUNGHWA TELECOM CO., LTD.	91	69	31.88	160	162	-1.23
7	AU OPTRONICS CORPORATION	76	74	2.70	268	283	-5.30
8	INSTITUTE FOR INFORMATION INDUSTRY	65	53	22.64	92	85	8.24
9	ACER INCORPORATED	54	89	-39.33	209	301	-30.56
10	NATIONAL CHUNG SHAN INSTITUTE OF SCIENCE AND TECHNOLOGY	52	33	57.58	84	51	64.71

Table 1-8 Non-Residents Invention Patent Applications

Rank	Applicant	Nationality	Q4			Q1-Q4		
			2016	2015	2016 compared to 2015(%)	2016	2015	2016 compared to 2015(%)
1	INTEL CORPORATION	US	310	393	-21.12	905	956	-5.33
2	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.	JP	147	104	41.35	470	351	33.90
3	QUALCOMM INCORPORATED	US	131	71	84.51	616	239	157.74
4	SHIN-ETSU CHEMICAL CO., LTD.	JP	77	90	-14.44	300	370	-18.92
4	NITTO DENKO CORPORATION	JP	77	91	-15.38	305	300	1.67
6	LG DISPLAY CO., LTD.	KR	74	39	89.74	98	52	88.46
7	SAMSUNG ELECTRONICS CO., LTD.	KR	69	40	72.50	252	194	29.90
8	MITSUBISHI ELECTRIC CORPORATION	JP	64	71	-9.86	265	224	18.30
9	ASML NETHERLANDS B. V.	NL	62	34	82.35	162	105	54.29
10	TOKYO ELECTRON LIMITED	JP	60	98	-38.78	297	389	-23.65

Table 2 IC Layout - Filed and Certificates Issued

	Filed	Certificates Issued
2010	50	48
2011	144	120
2012	160	124
2013	146	87
2014	86	195
2015	113	120
Q1, 2015	44	0
Q2, 2015	33	0
Q3, 2015	3	104
Q4, 2015	33	16
Q1-Q4, 2015	113	120
Q1, 2016	49	37
Q2, 2016	32	46
Q3, 2016	6	34
Q4, 2016	27	16
Q1-Q4, 2016	114	133
Q4, 2016 compared to Q4, 2015(%)	-18.18	0.00
Q1-4, 2016 compared to Q1-4, 2015(%)	0.88	10.83

Table 3-1 Trademark Statistics

	Application	Application (no. of classes)	Registration	Registration (no. of classes)	Rejection	Opposition	Invalidation	Revocation	Renewal	License	Assignment
2011	67,620	85,958	48,315	60,492	6,480	881	444	441	37,530	1,082	8,743
2012	74,357	95,435	61,918	78,816	8,724	1,009	345	570	35,547	1,077	9,188
2013	74,031	94,958	60,557	78,618	8,581	955	225	513	42,536	1,046	9,299
2014	75,933	97,776	66,257	84,781	7,641	868	213	627	39,624	859	7,327
2015	78,523	101,327	62,993	81,703	7,692	780	210	669	41,471	930	8,998
Q1, 2015	17,379	22,606	15,288	19,775	1,698	209	35	114	11,018	227	1,606
Q2, 2015	20,326	26,065	15,600	20,179	2,064	181	33	119	11,230	259	2,383
Q3, 2015	20,302	25,736	16,069	20,802	1,998	167	75	256	9,748	246	2,290
Q4, 2015	20,516	26,920	16,036	20,947	1,932	223	67	180	9,475	198	2,719
Q1-Q4, 2015	78,523	101,327	62,993	81,703	7,692	780	210	669	41,471	930	8,998
Q1, 2016	18,033	23,366	14,753	18,994	2,138	229	39	112	11,194	155	2,408
Q2, 2016	20,236	25,167	15,783	20,371	2,145	166	44	113	11,769	189	2,565
Q3, 2016	19,874	25,615	17,496	22,981	2,300	203	54	115	10,356	231	2,200
Q4, 2016	21,157	27,183	20,145	25,928	2,373	224	50	175	9,711	188	2,296
Q1-Q4, 2016	79,300	101,331	68,177	88,274	8,956	822	187	515	43,030	763	9,469
Q4, 2016 compared to Q4, 2015(%)	3.12	0.98	25.62	23.78	22.83	0.45	-25.37	-2.78	2.49	-5.05	-15.56
Q1-4, 2016 compared to Q1-4, 2015(%)	0.99	0.00	8.23	8.04	16.43	5.38	-10.95	-23.02	3.76	-17.96	5.23

Note : Multi-class applications became possible from 28 November 2003.

Table 3-2 Trademark Application & Registration - Residents and Non-Residents

	Applications			Registrations		
	Total	Residents	Non-residents	Total	Residents	Non-residents
2011	67,620	50,895	16,725	48,315	36,687	11,628
2012	74,357	55,696	18,661	61,918	45,659	16,259
2013	74,031	55,338	18,693	60,557	44,174	16,383
2014	75,933	56,217	19,716	66,257	48,728	17,529
2015	78,523	57,356	21,167	62,993	45,233	17,760
Q1, 2015	17,379	12,630	4,749	15,288	11,059	4,229
Q2, 2015	20,326	14,967	5,359	15,600	11,297	4,303
Q3, 2015	20,302	14,725	5,577	16,069	11,576	4,493
Q4, 2015	20,516	15,034	5,482	16,036	11,301	4,735
Q1-Q4, 2015	78,523	57,356	21,167	62,993	45,233	17,760
Q1, 2016	18,033	12,890	5,143	14,753	10,693	4,060
Q2, 2016	20,236	14,794	5,442	15,783	11,545	4,238
Q3, 2016	19,874	14,513	5,361	17,496	12,310	5,186
Q4, 2016	21,157	15,351	5,806	20,145	14,280	5,865
Q1-Q4, 2016	79,300	57,548	21,752	68,177	48,828	19,349
Q4, 2016 compared to Q4, 2015(%)	3.12	2.11	5.91	25.62	26.36	23.86
Q1-4, 2016 compared to Q1-4, 2015(%)	0.99	0.33	2.76	8.23	7.95	8.95

Table 3-3 Trademark Opposition & Invalidation

	Opposition			Invalidation		
	Total	Sustained	Denied	Total	Sustained	Denied
2011	560	436	124	244	194	50
2012	501	324	177	200	130	70
2013	798	421	377	246	116	130
2014	692	427	265	183	108	75
2015	647	470	177	182	122	60
Q1, 2015	170	132	38	40	25	15
Q2, 2015	159	115	44	36	29	7
Q3, 2015	168	128	40	46	35	11
Q4, 2015	150	95	55	60	33	27
Q1-Q4, 2015	647	470	177	182	122	60
Q1, 2016	169	105	64	44	37	7
Q2, 2016	161	110	51	40	31	9
Q3, 2016	172	118	54	37	29	8
Q4, 2016	156	93	63	36	19	17
Q1-Q4, 2016	658	426	232	157	116	41
Q4, 2016 compared to Q4, 2015(%)	4.00	-2.11	14.55	-40.00	-42.42	-37.04
Q1-4, 2016 compared to Q1-4, 2015(%)	1.70	-9.36	31.07	-13.74	-4.92	-31.67

Note: The figures are based on number of cases being disposed. This table only presents the sustained and denied cases, ignoring rejection, revocation and other types of rejection.

Table 3-4 Trademark Administrative Remedies- Filed and Reversed

	Total		Administrative Appeal		Proceedings	
	Filed	TIPO Decisions Reversed	Filed	TIPO Decisions Reversed	Filed	TIPO Decisions Reversed
2011	847	66	674	34	173	32
2012	1,027	74	835	38	192	37
2013	968	91	811	73	157	32
2014	975	164	787	99	162	28
2015	881	61	722	33	159	28
Q1, 2015	223	16	187	9	36	7
Q2, 2015	220	17	183	9	37	8
Q3, 2015	219	13	165	8	54	5
Q4, 2015	219	15	187	7	32	8
Q1-Q4, 2015	881	61	722	33	159	28
Q1, 2016	226	10	173	5	53	5
Q2, 2016	215	7	174	4	41	3
Q3, 2016	188	11	153	5	35	6
Q4, 2016	217	8	188	5	29	3
Q1-Q4, 2016	846	36	688	19	158	17
Q4, 2016 compared to Q4, 2015(%)	-0.91	-46.67	0.53	-28.57	-9.38	-62.50
Q1-4, 2016 compared to Q1-4, 2015(%)	-3.97	-40.98	-4.71	-42.42	-0.63	-39.29

Note:

1. Since 2005, the statistics of "Administrative Appeal" are based on figures published by the Petitions and Appeals Committee, MOEA.
2. Since July 1, 2008, the statistics of "Administrative Proceedings" are based on figures provided by the Intellectual Property Court. "TIPO Decisions Reversed" include the suits that "plaintiff won" and "partly won and partly lost". The MOEA decisions of administrative appeal being reversed are also included.
3. While the 2008 statistics of "Administrative Appeal" are from January to December, as the Intellectual Property Court was established on July 1, 2008, the 2008 statistics of "Administrative Proceedings" are from July to December.

Table 3-5 Trademark Applications by Country of Origin

Rank	Country of Origin	Q4			Q1-Q4		
		2016	2015	2016 compared to 2015(%)	2016	2015	2016 compared to 2015(%)
1	Republic of China	15,351	15,034	2.11	57,548	57,356	0.33
2	Mainland China	1,155	929	24.33	4,281	3,919	9.24
3	Japan	1,020	1,011	0.89	3,669	3,484	5.31
4	United States of America	956	921	3.80	3,735	3,835	-2.61
5	Hong Kong	402	320	25.63	1,541	1,358	13.48
6	South Korea	372	284	30.99	1,447	1,293	11.91
7	Germany	253	195	29.74	889	961	-7.49
8	France	195	214	-8.88	658	703	-6.40
9	Switzerland	173	177	-2.26	614	668	-8.08
10	United Kingdom	163	187	-12.83	613	567	8.11

Table 4 Verification of Copyright Licensing Documents

	Total	Head Office	Inspection Center			
			Subtotal	CKS Airport	Taichung	Kaohsiung
2011	41,177	41,177	-	-	-	-
2012	39,530	39,530	-	-	-	-
2013	35,475	35,475	-	-	-	-
2014	33,227	33,227	-	-	-	-
2015	28,218	28,218	-	-	-	-
Q1, 2015	7,260	7,260	-	-	-	-
Q2, 2015	7,080	7,080	-	-	-	-
Q3, 2015	6,677	6,677	-	-	-	-
Q4, 2015	7,201	7,201	-	-	-	-
Q1-Q4, 2015	28,218	28,218				
Q1, 2016	6,414	6,414	-	-	-	-
Q2, 2016	6,501	6,501	-	-	-	-
Q3, 2016	6,535	6,535	-	-	-	-
Q4, 2016	6,966	6,966	-	-	-	-
Q1-Q4, 2016	26,416	26,416				
Q4, 2016 compared to Q4, 2015(%)	-3.26	-3.26	-	-	-	-
Q1-4, 2016 compared to Q1-4, 2015(%)	-6.39	-6.39	-	-	-	-

Note :

1.CKS Inspection Center was evacuated on July 1, 2004

2. The inspection affairs have been accepted only through internet since Sep. 1, 2007; electronic filing service is not offered in Taichung and Kaohsiung Branch Office.

Table 5 The Joint Optical Disk Enforcement Taskforce (JODE), Ministry of Economic Affairs

	Times to Inspect	Number of Cases Found Violating the OD Law	Number of Plants Closed		Number of Cases Prosecuted	Number of Administrative Disposition	Number of Machines Seized	
			Order to close	Unforced termination			Seized	confiscated
2011	665	-	-	4	-	-	-	-
2012	699	-	-	2	-	-	-	-
2013	700	-	-	-	-	-	-	-
2014	660	-	-	-	-	-	-	-
2015	444	-	-	-	-	-	-	-
Q1, 2015	110	-	-	-	-	-	-	-
Q2, 2015	127	-	-	-	-	-	-	-
Q3, 2015	124	-	-	-	-	-	-	-
Q4, 2015	83	-	-	-	-	-	-	-
Q1-Q4, 2015	444	-	-	-	-	-	-	-
Q1, 2016	75	-	-	-	-	-	-	-
Q2, 2016	81	-	-	-	-	-	-	-
Q3, 2016	88	-	-	-	-	-	-	-
Q4, 2016	87	-	-	-	-	-	-	-
Q1-Q4, 2016	331	-	-	-	-	-	-	-
Q4, 2016 compared to Q4, 2015(%)	4.82	-	-	-	-	-	-	-
Q1-4, 2016 compared to Q1-4, 2015(%)	-25.45	-	-	-	-	-	-	-