

Table 1-1 Patent Statistics

	Application	Pre-grant Publication	Patent Granted	Rejection	Invalidation
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
2016	72,442	44,355	76,406	16,317	548
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-Q2, 2016	34,494	22,551	38,851	8,476	256
Q1, 2017	17,670	11,560	17,923	2,946	113
Q2, 2017	17,896	10,696	20,602	2,756	148
Q1-Q2, 2017	35,566	22,256	38,525	5,702	261
Q2, 2017 compared to Q2, 2016(%)	0.3	-1	4	-33	12
Q1-Q2, 2017 compared to Q1-Q2, 2016(%)	3	-1	-1	-33	2

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
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
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
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-Q2, 2016	34,494	19,018	15,476	20,622	7,447	13,175	9,927	9,356	571	3,945	2,215	1,730
Q1, 2017	17,670	9,138	8,532	11,174	3,769	7,405	4,659	4,408	251	1,837	961	876
Q2, 2017	17,896	10,189	7,707	10,739	4,317	6,422	5,035	4,750	285	2,122	1,122	1,000
Q1-Q2, 2017	35,566	19,327	16,239	21,913	8,086	13,827	9,694	9,158	536	3,959	2,083	1,876
Q2, 2017 compared to Q2, 2016(%)	0.3	-0.03	1	4	10	1	-6	-6	-8	-1	-5	3
Q1-Q2, 2017 compared to Q1-Q2, 2016(%)	3	2	5	6	9	5	-2	-2	-6	0.4	-6	8

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
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
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
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-Q2, 2016	38,851	22,311	16,540	24,933	10,773	14,160	9,901	9,346	555	4,017	2,192	1,825
Q1, 2017	17,923	9,796	8,127	12,130	5,053	7,077	4,178	3,926	252	1,615	817	798
Q2, 2017	20,602	11,724	8,878	13,178	5,478	7,700	5,506	5,198	308	1,918	1,048	870
Q1-Q2, 2017	38,525	21,520	17,005	25,308	10,531	14,777	9,684	9,124	560	3,533	1,865	1,668
Q2, 2017 compared to Q2, 2016(%)	4	0.4	10	6	-1	12	5	5	8	-11	-13	-8
Q1-Q2, 2017 compared to Q1-Q2, 2016(%)	-1	-4	3	2	-2	4	-2	-2	1	-12	-15	-9

Table 1-4 Patent Statistics-Opposition and Invalidation

	Opposition			Invalidation			
	Total	Sustained	Denied	Total	Sustained	Partial Sustained	Denied
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
2016	0	0	0	677	277	100	300
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-Q2, 2016	0	0	0	344	164	41	139
Q1, 2017	0	0	0	163	75	15	73
Q2, 2017	0	0	0	170	83	23	64
Q1-Q2, 2017	0	0	0	333	158	38	137
Q2, 2017 compared to Q2, 2016(%)	--	--	--	-4	-2	53	-17
Q1-Q2, 2017 compared to Q1-Q2, 2016(%)	--	--	--	-3	-4	-7	-1

Table1-5 Patent Administrative Remedies -Filed and Reversed

	Total		Appeals		Administrative Suits	
	Filed	TIPO Decisions Reversed	Filed	TIPO Decisions Reversed	Filed	TIPO Decisions Reversed
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
2016	417	44	313	16	104	28
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-Q2, 2016	196	25	150	9	46	16
Q1, 2017	88	7	65	3	23	4
Q1, 2017	90	14	63	6	27	8
Q1-Q2, 2017	178	21	128	9	50	12
Q2, 2017 compared to Q2, 2016(%)	-21	40	-30	100	13	14
Q1-Q2, 2017 compared to Q1- Q2, 2016(%)	-9	-16	-15	0	9	-25

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

Rank	Country of Origin	Q2			Q1-Q2		
		2017	2016	2017 compared to 2016(%)	2017	2016	2017 compared to 2016(%)
1	Japan	2,735	2,619	4	6,275	5,994	5
2	United States of America	1,640	1,764	-7	3,244	3,409	-5
3	South Korea	421	391	8	822	807	2
4	Mainland China	382	385	-1	807	649	24
5	Germany	277	318	-13	559	631	-11
6	Hong Kong	172	79	118	589	153	285
7	Netherlands	110	115	-4	205	220	-7
8	Switzerland	105	106	-1	192	193	-1
9	United Kingdom	86	90	-4	167	139	20
10	Singapore	60	46	30	102	80	28

Table 1-7 Residents Invention Patent Applications

Rank	Applicant	Q2			Q1-Q2		
		2017	2016	2017 compared to 2016(%)	2017	2016	2017 compared to 2016(%)
1	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD.	197	31	535	329	62	431
2	HON HAI PRECISION INDUSTRY CO., LTD.	137	128	7	215	176	22
3	MEDIATEK INC.	82	12	583	165	24	588
4	ACER INCORPORATED	75	59	27	136	109	25
5	AU OPTRONICS CORPORATION	71	59	20	129	133	-3
6	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	37	34	9	79	87	-9
7	CHINA STEEL CORPORATION	35	43	-19	48	78	-38
7	PRIMAX ELECTRONICS LTD.	35	29	21	81	45	80
9	MACRONIX INTERNATIONAL CO., LTD.	31	21	48	57	36	58
10	DELTA ELECTRONICS, INC.	30	27	11	47	51	-8

Table 1-8 Non-Residents Invention Patent Applications

Rank	Applicant	Nationality	Q2			Q1-Q2		
			2017	2016	2017 compared to 2016(%)	2017	2016	2017 compared to 2016(%)
1	APPLIED MATERIALS, INC.	US	152	76	100	236	148	59
2	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.	JP	124	99	25	222	204	9
3	ALIBABA GROUP SERVICES LIMITED	HK	123	26	373	495	64	673
4	QUALCOMM INCORPORATED	US	122	163	-25	266	313	-15
5	INTEL CORPORATION	US	107	224	-52	269	375	-28
6	TOKYO ELECTRON LIMITED	JP	73	80	-9	172	166	4
7	SAMSUNG ELECTRONICS CO., LTD.	KR	71	57	25	124	113	10
8	CORNING INCORPORATED	US	70	56	25	117	117	0
9	MITSUBISHI ELECTRIC CORPORATION	JP	61	63	-3	111	134	-17
10	GLOBALFOUNDRIES US INC.	US	56	28	100	124	65	91

Table 2 IC Layout - Filed and Certificates Issued

	Filed	Certificates Issued
2012	160	124
2013	146	87
2014	86	195
2015	113	120
2015	114	133
Q1, 2016	49	37
Q2, 2016	32	46
Q3, 2016	6	34
Q4, 2016	27	16
Q1-Q2, 2016	81	83
Q1, 2017	26	16
Q2, 2017	6	26
Q1-Q2, 2017	32	42
Q2, 2017 compared to Q2, 2016(%)	-81	-43
Q1-Q2, 2017 compared to Q1-Q2, 2016(%)	-60	-49

Table 3-1 Trademark Statistics

	Application	Application (no. of classes)	Registration	Registration (no. of classes)	Rejection	Opposition	Invalidation	Revocation	Renewal	License	Assignment
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
2016	79,300	101,331	68,177	88,274	8,956	822	187	515	43,030	763	9,469
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-Q2, 2016	38,269	48,533	30,536	39,365	4,283	395	83	225	22,963	344	4,973
Q1, 2017	18,976	24,446	16,345	21,634	2,342	257	57	149	12,097	199	2,315
Q2, 2017	21,414	27,940	18,792	24,450	2,189	218	76	153	10,824	165	2,147
Q1-Q2, 2017	40,390	52,386	35,137	46,084	4,531	475	133	302	22,921	364	4,462
Q2, 2017 compared to Q2, 2016(%)	6	11	19	20	2	31	73	35	-8	-13	-16
Q1-Q2, 2017 compared to Q1-Q2, 2016(%)	6	8	15	17	6	20	60	34	-0.2	6	-10

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
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
2016	79,300	57,548	21,752	68,177	48,828	19,349
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-Q2, 2016	38,269	27,684	10,585	30,536	22,238	8,298
Q1, 2017	18,976	14,097	4,879	16,345	11,432	4,913
Q2, 2017	21,414	15,931	5,483	18,792	13,465	5,327
Q1-Q2, 2017	40,390	30,028	10,362	35,137	24,897	10,240
Q2, 2017 compared to Q2, 2016(%)	6	8	1	19	17	26
Q1-Q2, 2017 compared to Q1- Q2, 2016(%)	6	8	-2	15	12	23

Table 3-3 Trademark Opposition & Invalidation

	Opposition			Invalidation		
	Total	Sustained	Denied	Total	Sustained	Denied
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
2016	658	426	232	157	116	41
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-Q2, 2016	330	215	115	84	68	16
Q1, 2017	131	82	49	29	25	4
Q2, 2017	141	98	43	31	25	6
Q1-Q2, 2017	272	180	92	60	50	10
Q2, 2017 compared to Q2, 2016(%)	-12	-11	-16	-23	-19	-33
Q1-Q2, 2017 compared to Q1- Q2, 2016(%)	-18	-16	-20	-29	-26	-38

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
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
2016	846	36	688	19	158	17
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-Q2, 2016	441	17	347	9	94	8
Q1, 2017	217	16	194	12	23	4
Q2, 2017	226	14	176	10	50	4
Q1-Q2, 2017	447	34	370	22	77	12
Q2, 2017 compared to Q2, 2016(%)	5	100	1	150	22	33
Q1-Q2, 2017 compared to Q1-Q2, 2016(%)	1	100	7	144	-18	50

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	Q2			Q1-Q2		
		2017	2016	2017 compared to 2016(%)	2017	2016	2017 compared to 2016(%)
1	Republic of China	15,931	14,794	8	30,028	27,684	8
2	Mainland China	1,148	1,059	8	2,082	2,169	-4
3	Japan	964	860	12	1,841	1,739	6
4	United States of America	890	938	-5	1,692	1,904	-11
5	Hong Kong	417	378	10	713	739	-4
6	South Korea	364	486	-25	668	803	-17
7	Switzerland	291	156	87	291	267	9
8	France	182	156	17	394	292	35
9	Germany	179	236	-24	352	441	-20
10	Singapore	147	82	79	243	147	65

Table 4 Verification of Copyright Licensing Documents

	Total	Head Office	Inspection Center			
			Subtotal	CKS Airport	Taichung	Kaohsiung
2012	39,530	39,530	-	-	-	-
2013	35,475	35,475	-	-	-	-
2014	33,227	33,227	-	-	-	-
2015	28,218	28,218	-	-	-	-
2016	26,416	26,416	-	-	-	-
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-Q2, 2016	12,915	12,915	-	-	-	-
Q1, 2017	3,620	3,620	-	-	-	-
Q2, 2017	0	0	-	-	-	-
Q1-Q2, 2017	3,620	3,620	-	-	-	-
Q2, 2017 compared to Q2, 2016(%)	-100	-100	-	-	-	-
Q1, 2017 compared to Q1, 2016(%)	-72	-72	-	-	-	-

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
2012	699	-	-	2	-	-	-	-
2013	700	-	-	-	-	-	-	-
2014	660	-	-	-	-	-	-	-
2015	444	-	-	-	-	-	-	-
2016	331	-	-	-	-	-	-	-
Q1, 2016	75	-	-	-	-	-	-	-
Q2, 2016	81	-	-	-	-	-	-	-
Q3, 2016	88	-	-	-	-	-	-	-
Q4, 2016	87	-	-	-	-	-	-	-
Q1-Q2, 2016	156	-	-	-	-	-	-	-
Q1, 2017	73	-	-	1	-	-	-	-
Q2, 2017	75	-	-	1	-	-	-	-
Q1-Q2, 2017	148	-	-	2	-	-	-	-
Q2, 2017 compared to Q2, 2016(%)	-7	-	-	-	-	-	-	-
Q1-Q2, 2017 compared to Q1-Q2, 2016(%)	-5	-	-	-	-	-	-	-