

Table 1-1 Patent Statistics

	Application	Pre-grant Publication	Patent Granted	Rejection	Invalidation
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
2017	73,791	43,676	71,877	11,078	525
2018	73,421	44,073	62,193	9,402	567
Q1, 2018	17,674	11,159	15,604	2,160	152
Q2, 2018	17,619	11,462	15,434	2,348	159
Q3, 2018	18,328	11,926	15,612	2,470	112
Q4, 2018	19,800	9,526	15,543	2,424	144
Q1-Q2, 2018	35,293	22,621	31,038	4,508	311
Q1, 2019	17,243	12,003	14,631	2,392	102
Q2, 2019	18,291	12,512	14,535	2,585	95
Q3, 2019					
Q4, 2019					
Q1-Q2, 2019	35,534	24,515	29,166	4,977	197
Q2, 2019 compared to Q2, 2018(%)	4	9	-6	10	-40
Q1-Q2, 2019 compared to Q1- Q2, 2018(%)	1	8	-6	10	-37

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
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
2017	73,791	40,835	32,956	46,122	18,199	27,923	19,549	18,343	1,206	8,120	4,293	3,827
2018	73,421	39,278	34,143	47,429	18,365	29,064	17,910	16,661	1,249	8,082	4,252	3,830
Q1, 2018	17,674	9,133	8,541	11,420	4,077	7,343	4,316	4,006	310	1,938	1,050	888
Q2, 2018	17,619	9,659	7,960	11,063	4,327	6,736	4,615	4,277	338	1,941	1,055	886
Q3, 2018	18,328	9,709	8,619	11,746	4,450	7,296	4,382	4,063	319	2,200	1,196	1,004
Q4, 2018	19,800	10,777	9,023	13,200	5,511	7,689	4,597	4,315	282	2,003	951	1,052
Q1-Q2, 2018	35,293	18,792	16,501	22,483	8,404	14,079	8,931	8,283	648	3,879	2,105	1,774
Q1, 2019	17,243	8,696	8,547	11,303	4,066	7,237	3,956	3,689	267	1,984	941	1,043
Q2, 2019	18,291	9,805	8,486	11,472	4,497	6,975	4,544	4,289	255	2,275	1,019	1,256
Q3, 2019												
Q4, 2019												
Q1-Q2, 2019	35,534	18,501	17,033	22,775	8,563	14,212	8,500	7,978	522	4,259	1,960	2,299
Q2, 2019 compared to Q2, 2018(%)	4	2	7	4	4	4	-2	0.3	-25	17	-3	42
Q1-Q2, 2019 compared to Q1-Q2, 2018(%)	1	-2	3	1	2	1	-5	-4	-19	10	-7	30

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
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
2017	71,877	40,132	31,745	45,710	18,569	27,141	19,037	17,934	1,103	7,130	3,629	3,501
2018	62,193	35,824	26,369	36,147	14,651	21,496	18,559	17,270	1,289	7,487	3,903	3,584
Q1, 2018	15,604	8,631	6,973	9,806	3,934	5,872	3,947	3,706	241	1,851	991	860
Q2, 2018	15,434	9,096	6,338	8,464	3,406	5,058	5,054	4,725	329	1,916	965	951
Q3, 2018	15,612	9,197	6,415	8,828	3,590	5,238	4,986	4,649	337	1,798	958	840
Q4, 2018	15,543	8,900	6,643	9,049	3,721	5,328	4,572	4,190	382	1,922	989	933
Q1-Q2, 2018	31,038	17,727	13,311	18,270	7,340	10,930	9,001	8,431	570	3,767	1,956	1,811
Q1, 2019	14,631	8,106	6,525	9,145	3,676	5,469	3,837	3,541	296	1,649	889	760
Q2, 2019	14,535	8,190	6,345	8,982	3,738	5,244	3,920	3,637	283	1,633	815	818
Q3, 2019												
Q4, 2019												
Q1-Q2, 2019	29,166	16,296	12,870	18,127	7,414	10,713	7,757	7,178	579	3,282	1,704	1,578
Q2, 2019 compared to Q2, 2018(%)	-6	-10	0.1	6	10	4	-22	-23	-14	-15	-16	-14
Q1-Q2, 2019 compared to Q1-Q2, 2018(%)	-6	-8	-3	-1	1	-2	-14	-15	2	-13	-13	-13

Table 1-4 Patent Statistics-Invalidation

	Invalidation			
	Total	Sustained	Partial Sustained	Denied
2014	834	365	140	329
2015	656	298	103	255
2016	677	277	100	300
2017	688	310	91	287
2018	585	266	86	233
Q1, 2018	128	56	22	50
Q2, 2018	145	63	25	57
Q3, 2018	143	79	15	49
Q4, 2018	169	68	24	77
Q1-Q2, 2018	273	119	47	107
Q1, 2019	102	53	19	30
Q2, 2019	121	49	16	56
Q3, 2019				
Q4, 2019				
Q1-Q2, 2019	223	102	35	86
Q2, 2019 compared to Q2, 2018(%)	-17	-22	-36	-2
Q1-Q2, 2019 compared to Q1-Q2, 2018(%)	-18	-14	-26	-20

Table1-5 Patent Administrative Remedies -Filed and Reversed

	Total		Appeals		Administrative Suits	
	Filed	TIPO Decisions Reversed	Filed	TIPO Decisions Reversed	Filed	TIPO Decisions Reversed
2014	548	35	426	22	122	13
2015	494	51	367	19	127	32
2016	417	44	313	16	104	28
2017	391	41	288	14	103	27
2018	377	43	274	14	103	28
Q1, 2018	88	8	60	4	28	4
Q2, 2018	88	10	60	4	28	5
Q3, 2018	85	12	66	3	19	9
Q4, 2018	116	13	88	3	28	10
Q1-Q2, 2018	176	18	120	8	56	9
Q1, 2019	82	10	57	3	25	7
Q2, 2019	73	8	50	3	23	5
Q3, 2019						
Q4, 2019						
Q1-Q2, 2019	155	18	107	6	48	12
Q2, 2019 compared to Q2, 2018(%)	-17	-20	-17	-25	-18	0
Q1-Q2, 2019 compared to Q1-Q2, 2018(%)	-12	0	-11	-25	-14	33

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

Rank	Country of Origin	Q2			Q1-Q2		
		2019	2018	2019 compared to 2018(%)	2019	2018	2019 compared to 2018(%)
1	Japan	3,037	2,729	11	6,707	6,378	5
2	United States of America	1,638	1,642	-0.2	3,047	3,263	-7
3	Mainland China	580	635	-9	1,156	1,161	-0.4
4	South Korea	368	402	-8	697	760	-8
5	Germany	305	283	8	501	562	-11
6	Hong Kong	196	204	-4	504	324	56
7	Netherlands	121	126	-4	247	226	9
8	Switzerland	101	112	-10	184	210	-12
8	Singapore	101	77	31	173	159	9
10	United Kingdom	80	95	-16	180	166	8

Table 1-7 Residents Invention Patent Applications

Rank	Applicant	Q2			Q1-Q2		
		2019	2018	2019 compared to 2018(%)	2019	2018	2019 compared to 2018(%)
1	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD	266	248	7	429	345	24
2	AU OPTRONICS CORPORATION	131	111	18	318	244	30
3	MEDIATEK INC.	73	77	-5	163	177	-8
4	REALTEK SEMICONDUCTOR CORPORATION	67	42	60	134	77	74
5	ACER INCORPORATED	66	85	-22	162	163	-1
6	HON HAI PRECISION INDUSTRY CO., LTD.	40	68	-41	104	138	-25
7	MACRONIX INTERNATIONAL CO., LTD.	39	15	160	62	44	41
8	INVENTEC CORPORATION	35	16	119	44	24	83
9	COMPAL ELECTRONICS, INC.	34	25	36	64	40	60
10	CHINA STEEL CORPORATION	33	18	83	71	44	61

Table 1-8 Non-Residents Invention Patent Applications

Rank	Applicant	Nationality	Q2			Q1-Q2		
			2019	2018	2019 compared to 2018(%)	2019	2018	2019 compared to 2018(%)
1	APPLIED MATERIALS, INC.	US	179	113	58	291	229	27
2	TOKYO ELECTRON LIMITED	JP	142	93	53	256	193	33
3	ALIBABA GROUP SERVICES LIMITED	HK	141	137	3	408	213	92
4	QUALCOMM INCORPORATED	US	126	250	-50	267	585	-54
5	NITTO DENKO CORPORATION	JP	108	82	32	185	156	19
6	CORNING INCORPORATED	US	98	52	88	161	109	48
7	SAMSUNG ELECTRONICS CO., LTD.	KR	74	47	57	142	107	33
8	MITSUBISHI ELECTRIC CORPORATION	JP	64	62	3	118	116	2
8	DISCO CORPORATION	JP	64	77	-17	131	152	-14
10	SCREEN HOLDINGS CO., LTD.	JP	63	54	17	104	98	6

Table 2 IC Layout - Filed and Certificates Issued

	Filed	Certificates Issued
2014	86	195
2015	113	120
2016	114	133
2017	58	68
2018	95	96
Q1, 2018	25	22
Q2, 2018	4	0
Q3, 2018	43	0
Q4, 2018	23	74
Q1-Q2, 2018	29	22
Q1, 2019	25	0
Q2, 2019	14	0
Q3, 2019		
Q4, 2019		
Q1-Q2, 2019	39	0
Q2, 2019 compared to Q2, 2018(%)	250	--
Q1-Q2, 2019 compared to Q1-Q2, 2018(%)	34	-100

Table 3-1 Trademark Statistics

	Application	Application (no. of classes)	Registration	Registration (no. of classes)	Rejection	Opposition	Invalidation	Revocation	Renewal	License	Assignment
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
2017	83,802	108,758	74,226	96,721	8,903	913	248	640	41,013	696	9,147
2018	84,816	110,074	71,809	94,042	8,464	872	199	543	44,444	928	8,907
Q1, 2018	20,210	26,032	16,028	21,271	1,979	209	56	92	10,818	215	2,672
Q2, 2018	21,946	28,422	17,692	23,389	2,140	188	58	149	11,896	207	1,767
Q3, 2018	21,060	27,169	18,623	24,013	2,206	238	40	140	11,090	150	2,372
Q4, 2018	21,600	28,451	19,466	25,369	2,139	237	45	162	10,640	356	2,096
Q1-Q2, 2018	42,156	54,454	33,720	44,660	4,119	397	114	241	22,714	422	4,439
Q1, 2019	19,475	25,447	16,987	22,332	2,054	156	29	122	12,852	611	2,793
Q2, 2019	22,511	28,681	17,602	23,372	1,961	168	50	136	12,278	97	2,288
Q3, 2019											
Q4, 2019											
Q1-Q2, 2019	41,986	54,128	34,589	45,704	4,015	324	79	258	25,130	708	5,081
Q2, 2019 compared to Q2, 2018(%)	3	1	-1	-0.1	-8	-11	-14	-9	3	-53	29
Q1-Q2, 2019 compared to Q1- Q2, 2018(%)	-0.4	-1	3	2	-3	-18	-31	7	11	68	14

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
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
2017	83,802	61,215	22,587	74,226	53,202	21,024
2018	84,816	59,840	24,976	71,809	50,463	21,346
Q1, 2018	20,210	14,258	5,952	16,028	11,335	4,693
Q2, 2018	21,946	15,627	6,319	17,692	12,653	5,039
Q3, 2018	21,060	14,795	6,265	18,623	12,807	5,816
Q4, 2018	21,600	15,160	6,440	19,466	13,668	5,798
Q1-Q2, 2018	42,156	29,885	12,271	33,720	23,988	9,732
Q1, 2019	19,475	14,004	5,471	16,987	11,626	5,361
Q2, 2019	22,511	15,953	6,558	17,602	12,142	5,460
Q3, 2019						
Q4, 2019						
Q1-Q2, 2019	41,986	29,957	12,029	34,589	23,768	10,821
Q2, 2019 compared to Q2, 2018(%)	3	2	4	-1	-4	8
Q1-Q2, 2019 compared to Q1- Q2, 2018(%)	-0.4	0.2	-2	3	-1	11

Table 3-3 Trademark Opposition & Invalidation

	Opposition			Invalidation		
	Total	Sustained	Denied	Total	Sustained	Denied
2014	692	427	265	183	108	75
2015	647	470	177	182	122	60
2016	658	426	232	157	116	41
2017	569	386	183	138	106	32
2018	733	461	272	175	141	34
Q1, 2018	141	99	42	26	21	5
Q2, 2018	212	141	71	49	44	5
Q3, 2018	197	129	68	53	44	9
Q4, 2018	183	92	91	47	32	15
Q1-Q2, 2018	353	240	113	75	65	10
Q1, 2019	167	109	58	48	39	9
Q2, 2019	163	119	44	35	28	7
Q3, 2019						
Q4, 2019						
Q1-Q2, 2019	330	228	102	83	67	16
Q2, 2019 compared to Q2, 2018(%)	-23	-16	-38	-29	-36	40
Q1-Q2, 2019 compared to Q1- Q2, 2018(%)	-7	-5	-10	11	3	60

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
2014	975	164	787	99	162	28
2015	881	61	722	33	159	28
2016	846	36	688	19	158	17
2017	860	52	684	33	176	19
2018	800	38	683	14	117	24
Q1, 2018	174	11	145	3	29	8
Q2, 2018	198	12	169	4	29	8
Q3, 2018	203	12	183	6	20	6
Q4, 2018	225	3	186	1	39	2
Q1-Q2, 2018	372	23	314	7	58	16
Q1, 2019	196	14	169	8	27	6
Q2, 2019	194	8	156	1	38	7
Q3, 2019						
Q4, 2019						
Q1-Q2, 2019	390	22	325	9	65	13
Q2, 2019 compared to Q2, 2018(%)	-2	-33	-8	-75	31	-13
Q1-Q2, 2019 compared to Q1-Q2, 2018(%)	5	-4	4	29	12	-19

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.

Table 3-5 Trademark Applications by Country of Origin

Rank	Country of Origin	Q2			Q1-Q2		
		2019	2018	2019 compared to 2018(%)	2019	2018	2019 compared to 2018(%)
1	Republic of China	15,953	15,627	2	29,957	29,885	0.2
2	Mainland China	1,627	1,587	3	2,958	2,742	8
3	Japan	1,147	1,096	5	2,249	2,273	-1
4	United States of America	949	1,044	-9	1,828	2,089	-12
5	Hong Kong	461	494	-7	724	814	-11
6	South Korea	401	308	30	764	675	13
7	Germany	192	213	-10	369	434	-15
8	Switzerland	178	132	35	315	240	31
9	France	171	208	-18	325	389	-16
10	United Kingdom	167	147	14	334	281	19

Table 4 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
2014	660	-	-	-	-	-	-	-
2015	444	-	-	-	-	-	-	-
2016	331	-	-	-	-	-	-	-
2017	322	-	-	3	-	-	-	-
2018	279	-	-	2	-	-	-	-
Q1, 2018	67	-	-	1	-	-	-	-
Q2, 2018	73	-	-	-	-	-	-	-
Q3, 2018	72	-	-	1	-	-	-	-
Q4, 2018	67	-	-	-	-	-	-	-
Q1-Q2, 2018	140	-	-	1	-	-	-	-
Q1, 2019	60	-	-	-	-	-	-	-
Q2, 2019	66	-	-	-	-	-	-	-
Q3, 2019								
Q4, 2019								
Q1-Q2, 2019	126	-	-	-	-	-	-	-
Q2, 2019 compared to Q2, 2018(%)	-10	--	--	--	--	--	--	--
Q1-Q2, 2019 compared to Q1-Q2, 2018(%)	-10	--	--	-100	--	--	--	--