

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-Q4, 2018	73,421	44,073	62,193	9,402	567
Q1, 2019	17,244	12,003	14,631	2,390	102
Q2, 2019	18,291	12,512	14,535	2,584	95
Q3, 2019	18,976	13,496	14,929	2,726	123
Q4, 2019	20,141	10,009	13,791	2,799	111
Q1-Q4, 2019	74,652	48,020	57,886	10,499	431
Q4, 2019 compared to Q4, 2018(%)	2	5	-11	15	-23
Q1-Q4, 2019 compared to Q1- Q4, 2018(%)	2	9	-7	12	-24

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-Q4, 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, 2019	17,244	8,696	8,548	11,304	4,067	7,237	3,956	3,687	269	1,984	942	1,042
Q2, 2019	18,291	9,804	8,487	11,472	4,497	6,975	4,544	4,288	256	2,275	1,019	1,256
Q3, 2019	18,976	10,094	8,882	12,260	4,914	7,346	4,452	4,149	303	2,264	1,031	1,233
Q4, 2019	20,141	11,010	9,131	13,232	5,506	7,726	4,628	4,288	340	2,281	1,216	1,065
Q1-Q4, 2019	74,652	39,604	35,048	48,268	18,984	29,284	17,580	16,412	1,168	8,804	4,208	4,596
Q4, 2019 compared to Q4, 2018(%)	2	2	1	0.2	-0.1	0.5	1	-1	21	14	28	1
Q1-Q4, 2019 compared to Q1-Q4, 2018(%)	2	1	3	2	3	1	-2	-1	-6	9	-1	20

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-Q4, 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, 2019	14,631	8,106	6,525	9,145	3,677	5,468	3,837	3,541	296	1,649	888	761
Q2, 2019	14,535	8,187	6,348	8,982	3,736	5,246	3,920	3,636	284	1,633	815	818
Q3, 2019	14,929	8,594	6,335	9,083	3,758	5,325	4,209	3,971	238	1,637	865	772
Q4, 2019	13,791	8,178	5,613	7,716	3,310	4,406	4,334	4,065	269	1,741	803	938
Q1-Q4, 2019	57,886	33,065	24,821	34,926	14,481	20,445	16,300	15,213	1,087	6,660	3,371	3,289
Q4, 2019 compared to Q4, 2018(%)	-11	-8	-16	-15	-11	-17	-5	-3	-30	-9	-19	1
Q1-Q4, 2019 compared to Q1-Q4, 2018(%)	-7	-8	-6	-3	-1	-5	-12	-12	-16	-11	-14	-8

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-Q4, 2018	585	266	86	233
Q1, 2019	102	53	19	30
Q2, 2019	121	49	16	56
Q3, 2019	121	58	15	48
Q4, 2019	120	62	13	45
Q1-Q4, 2019	464	222	63	179
Q4, 2019 compared to Q4, 2018(%)	-29	-9	-46	-42
Q1-Q4, 2019 compared to Q1-Q4, 2018(%)	-21	-17	-27	-23

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-Q4, 2018	377	43	274	14	103	28
Q1, 2019	82	10	57	3	25	7
Q2, 2019	73	8	50	3	23	5
Q3, 2019	78	8	52	1	26	7
Q4, 2019	73	7	52	1	21	6
Q1-Q4, 2019	306	33	211	8	95	25
Q4, 2019 compared to Q4, 2018(%)	-37	-46	-41	-67	-25	-40
Q1-Q4, 2019 compared to Q1-Q4, 2018(%)	-19	-23	-23	-43	-8	-11

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

Rank	Country of Origin	Q4			Q1-Q4		
		2019	2018	2019 compared to 2018(%)	2019	2018	2019 compared to 2018(%)
1	Japan	3,293	3,240	2	13,195	12,871	3
2	United States of America	1,692	1,556	9	6,341	6,393	-1
3	Mainland China	764	705	8	2,723	2,595	5
4	South Korea	510	539	-5	1,656	1,766	-6
5	Germany	279	327	-15	1,004	1,197	-16
6	Netherlands	185	125	48	547	477	15
7	Hong Kong	162	367	-56	1,018	907	12
8	Switzerland	145	122	19	433	460	-6
9	Singapore	106	93	14	368	314	17
10	United Kingdom	84	96	-13	350	327	7

Table 1-7 Residents Invention Patent Applications

Rank	Applicant	Q4			Q1-Q4		
		2019	2018	2019 compared to 2018(%)	2019	2018	2019 compared to 2018(%)
1	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD	371	296	25	1,333	944	41
2	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	240	274	-12	368	426	-14
3	ACER INCORPORATED	168	100	68	407	345	18
4	REALTEK SEMICONDUCTOR CORPORATION	111	60	85	333	195	71
5	AU OPTRONICS CORPORATION	94	187	-50	532	538	-1
6	MEDiatek INC.	91	96	-5	350	447	-22
7	CHUNGHWA TELECOM CO., LTD.	82	75	9	162	168	-4
8	INVENTEC CORPORATION	71	129	-45	186	180	3
9	METAL INDUSTRIES RESEARCH CENTRE	68	92	-26	77	101	-24
10	NUVOTON TECHNOLOGY CORPORATION	53	54	-2	98	93	5

Table 1-8 Non-Residents Invention Patent Applications

Rank	Applicant	Nationality	Q4			Q1-Q4		
			2019	2018	2019 compared to 2018(%)	2019	2018	2019 compared to 2018(%)
1	APPLIED MATERIALS, INC.	US	178	79	125	632	416	52
2	QUALCOMM INCORPORATED	US	128	192	-33	582	1,011	-42
3	TOKYO ELECTRON LIMITED	JP	121	96	26	492	372	32
4	NITTO DENKO CORPORATION	JP	119	92	29	402	315	28
5	ALIBABA GROUP SERVICES LIMITED	HK	105	254	-59	828	594	39
6	CORNING INCORPORATED	US	103	96	7	340	270	26
7	LG CHEM, LTD.	KR	92	92	0	273	242	13
8	ASML NETHERLANDS B.V.	NL	90	55	64	249	172	45
9	SAMSUNG ELECTRONICS CO., LTD.	KR	83	72	15	295	252	17
10	SUMITOMO CHEMICAL CO., LTD.	JP	75	53	42	246	195	26

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-Q4, 2018	95	96
Q1, 2019	25	0
Q2, 2019	14	0
Q3, 2019	32	47
Q4, 2019	47	39
Q1-Q4, 2019	118	86
Q4, 2019 compared to Q4, 2018(%)	104	-47
Q1-Q4, 2019 compared to Q1-Q4, 2018(%)	24	-10

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-Q4, 2018	84,816	110,074	71,809	94,042	8,464	872	199	543	44,444	928	8,907
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	22,275	28,625	17,799	23,571	2,096	191	56	149	10,423	339	2,555
Q4, 2019	22,533	28,928	18,397	24,225	2,076	149	57	235	9,970	155	2,960
Q1-Q4, 2019	86,794	111,681	70,785	93,500	8,187	664	192	642	45,523	1,202	10,596
Q4, 2019 compared to Q4, 2018(%)	4	2	-5	-5	-3	-37	27	45	-6	-56	41
Q1-Q4, 2019 compared to Q1- Q4, 2018(%)	2	1	-1	-1	-3	-24	-4	18	2	30	19

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-Q4, 2018	84,816	59,840	24,976	71,809	50,463	21,346
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	22,275	15,738	6,537	17,799	12,265	5,534
Q4, 2019	22,533	16,233	6,300	18,397	12,888	5,509
Q1-Q4, 2019	86,794	61,928	24,866	70,785	48,921	21,864
Q4, 2019 compared to Q4, 2018(%)	4	7	-2	-5	-6	-5
Q1-Q4, 2019 compared to Q1- Q4, 2018(%)	2	3	-0.4	-1	-3	2

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-Q4, 2018	733	461	272	175	141	34
Q1, 2019	167	109	58	48	39	9
Q2, 2019	163	119	44	35	28	7
Q3, 2019	158	96	62	32	20	12
Q4, 2019	175	115	60	40	25	15
Q1-Q4, 2019	663	439	224	155	112	43
Q4, 2019 compared to Q4, 2018(%)	-4	25	-34	-15	-22	0
Q1-Q4, 2019 compared to Q1- Q4, 2018(%)	-10	-5	-18	-11	-21	26

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-Q4, 2018	800	38	683	14	117	24
Q1, 2019	196	14	169	8	27	6
Q2, 2019	194	8	156	1	38	7
Q3, 2019	170	16	144	9	26	7
Q4, 2019	197	18	167	6	30	12
Q1-Q4, 2019	757	56	636	24	121	32
Q4, 2019 compared to Q4, 2018(%)	-12	500	-10	500	-23	500
Q1-Q4, 2019 compared to Q1-Q4, 2018(%)	-5	47	-7	71	3	33

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	Q4			Q1-Q4		
		2019	2018	2019 compared to 2018(%)	2019	2018	2019 compared to 2018(%)
1	Republic of China	16,233	15,160	7	61,928	59,840	3
2	Mainland China	1,395	1,506	-7	6,108	5,770	6
3	Japan	1,264	1,322	-4	4,748	4,728	0.4
4	United States of America	882	1,013	-13	3,621	4,187	-14
5	South Korea	542	380	43	1,668	1,440	16
6	Hong Kong	478	393	22	1,617	1,649	-2
7	Germany	200	248	-19	802	862	-7
8	United Kingdom	182	175	4	654	598	9
9	France	154	185	-17	618	758	-18
10	Italy	136	132	3	469	443	6

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-Q4, 2018	279	-	-	2	-	-	-	-
Q1, 2019	60	-	-	-	-	-	-	-
Q2, 2019	66	-	-	-	-	-	-	-
Q3, 2019	66	-	-	-	-	-	-	-
Q4, 2019	63	-	-	-	-	-	-	-
Q1-Q4, 2019	255	-	-	-	-	-	-	-
Q4, 2019 compared to Q4, 2018(%)	-6	--	--	--	--	--	--	--
Q1-Q4, 2019 compared to Q1-Q4, 2018(%)	-9	--	--	-100	--	--	--	--