

Table 1-1 Patent Statistics

	Application	Pre-grant Publication	Patent Granted	Rejection	Invalidation
2011	82,988	46,157	50,305	15,945	792
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
2017	73,791	43,676	71,877	11,078	525
Q1, 2017	17,669	11,559	17,923	2,938	113
Q2, 2017	17,893	10,696	20,601	2,753	148
Q3, 2017	18,765	11,171	18,202	2,791	152
Q4, 2017	19,464	10,250	15,151	2,596	112
Q1-Q4, 2017	73,791	43,676	71,877	11,078	525
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
Q4, 2018 compared to Q4, 2017(%)	2	-7	3	-7	29
Q1-4, 2018 compared to Q1-4, 2017(%)	-1	1	-13	-15	8

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
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
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
Q1, 2017	17,669	9,131	8,538	11,173	3,759	7,414	4,659	4,415	244	1,837	957	880
Q2, 2017	17,893	10,185	7,708	10,739	4,317	6,422	5,032	4,744	288	2,122	1,124	998
Q3, 2017	18,765	10,421	8,344	11,631	4,712	6,919	4,937	4,585	352	2,197	1,124	1,073
Q4, 2017	19,464	11,098	8,366	12,579	5,411	7,168	4,921	4,599	322	1,964	1,088	876
Q1-Q4, 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
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
Q4, 2018 compared to Q4, 2017(%)	2	-3	8	5	2	7	-7	-6	-12	2	-13	20
Q1-Q4, 2018 compared to Q1- 4, 2017(%)	-1	-4	4	3	1	4	-8	-9	4	-0.5	-1	0.1

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
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
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
Q1, 2017	17,923	9,771	8,152	12,130	5,032	7,098	4,178	3,923	255	1,615	816	799
Q2, 2017	20,601	11,712	8,889	13,177	5,473	7,704	5,506	5,193	313	1,918	1,046	872
Q3, 2017	18,202	10,257	7,945	11,148	4,368	6,780	5,305	5,018	287	1,749	871	878
Q4, 2017	15,151	8,392	6,759	9,255	3,696	5,559	4,048	3,800	248	1,848	896	952
Q1-Q4, 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
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
Q4, 2018 compared to Q4, 2017(%)	3	6	-2	-2	1	-4	13	10	54	4	10	-2
Q1-4, 2018 compared to Q1-4, 2017(%)	-13	-11	-17	-21	-21	-21	-3	-4	17	5	8	2

Table 1-4 Patent Statistics-Invalidation

	Invalidation			
	Total	Sustained	Partial Sustained	Denied
2011	954	480	-	474
2013	879	429	113	337
2014	834	365	140	329
2015	656	298	103	255
2016	677	277	100	300
2017	688	310	91	287
Q1, 2017	160	75	15	70
Q2, 2017	170	83	23	64
Q3, 2017	187	74	29	84
Q4, 2017	171	78	24	69
Q1-Q4, 2017	688	310	91	287
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
Q4, 2018 compared to Q4, 2017(%)	-1	-13	0	12
Q1-4, 2018 compared to Q1-4, 2017(%)	-15	-14	-5	-19

Table1-5 Patent Administrative Remedies -Filed and Reversed

	Total		Appeals		Administrative Suits	
	Filed	TIPO Decisions	Filed	TIPO Decisions	Filed	TIPO Decisions
2011	513	79	378	28	135	51
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
2017	391	41	288	14	103	27
Q1, 2017	88	7	65	3	23	4
Q2, 2017	90	14	63	6	27	8
Q3, 2017	95	10	72	3	23	7
Q4, 2017	118	10	88	2	30	8
Q1-Q4, 2017	391	41	288	14	103	27
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
Q4, 2018 compared to Q4, 2017(%)	-2	30	0	50	-7	25
Q1-4, 2018 compared to Q1-4, 2017(%)	-4	5	-5	0	0	4

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

Rank	Country of Origin	Q4			Q1-Q4		
		2018	2017	2018 compared to 2017(%)	2018	2017	2018 compared to 2017(%)
1	Japan	3,240	3,047	6	12,871	12,497	3
2	United States of America	1,556	1,624	-4	6,393	6,408	-0.2
3	Mainland China	705	587	20	2,595	1,888	37
4	South Korea	539	521	3	1,766	1,864	-5
5	Hong Kong	367	169	117	907	973	-7
6	Germany	327	300	9	1,197	1,152	4
7	Netherlands	125	123	2	477	441	8
8	Switzerland	122	105	16	460	392	17
9	United Kingdom	96	75	28	327	328	-0.3
10	Singapore	93	75	24	314	242	30

Table 1-7 Residents Invention Patent Applications

Rank	Applicant	Q4			Q1-Q4		
		2018	2017	2018 compared to	2018	2017	2018 compared to
1	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD.	296	383	-23	944	937	1
2	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	274	295	-7	426	436	-2
3	AU OPTRONICS CORPORATION	187	96	95	538	324	66
4	INVENTEC CORPORATION	129	124	4	180	160	13
5	ACER INCORPORATED	100	90	11	345	311	11
6	MEDIATEK INC.	96	87	10	447	349	28
7	METAL INDUSTRIES RESEARCH CENTRE	92	86	7	101	108	-6
8	CHUNGHWA TELECOM CO., LTD.	75	71	6	168	170	-1
9	REALTEK SEMICONDUCTOR CORPORATION	60	36	67	195	122	60
10	NATIONAL CHUNG SHAN INSTITUTE OF SCIENCE AND TECHNOLOGY	56	81	-31	83	108	-23

Table 1-8 Non-Residents Invention Patent Applications

Rank	Applicant	Nationality	Q4			Q1-Q4		
			2018	2017	2018 compared to	2018	2017	2018 compared to
1	ALIBABA GROUP SERVICES LIMITED	HK	254	115	121	594	761	-22
2	QUALCOMM INCORPORATED	US	192	203	-5	1011	604	67
3	TOKYO ELECTRON LIMITED	JP	96	88	9	372	347	7
4	CORNING INCORPORATED	US	96	62	55	270	228	18
5	LG CHEM, LTD.	KR	92	76	21	242	205	18
6	NITTO DENKO CORPORATION	JP	92	66	39	315	274	15
7	APPLIED MATERIALS, INC.	US	79	117	-32	416	461	-10
8	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.	JP	73	72	1	253	352	-28
9	SAMSUNG ELECTRONICS CO., LTD.	KR	72	54	33	252	256	-2
10	LG DISPLAY CO., LTD.	KR	64	74	-14	95	113	-16

Table 2 IC Layout - Filed and Certificates Issued

	Filed	Certificates Issued
2010	50	48
2011	144	120
2013	146	87
2014	86	195
2015	113	120
2016	114	133
2017	58	68
Q1, 2017	26	16
Q2, 2017	6	26
Q3, 2017	18	6
Q4, 2017	8	20
Q1-Q4, 2017	58	68
Q1, 2018	25	22
Q2, 2018	4	0
Q3, 2018	43	0
Q4, 2018	23	74
Q1-Q4, 2018	95	96
Q4, 2018 compared to Q4, 2017(%)	188	270
Q1-4, 2018 compared to Q1-4, 2017(%)	64	41

Table 3-1 Trademark Statistics

	Application	Application (no. of classes)	Registratio n	Registratio n (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
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
2017	83,802	108,758	74,226	96,721	8,903	913	248	640	41,013	696	9,147
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
Q3, 2017	22,168	28,387	20,772	26,487	2,175	219	56	179	9,463	164	2,400
Q4, 2017	21,244	27,985	18,317	24,150	2,197	219	59	159	8,629	168	2,285
Q1-Q4, 2017	83,802	108,758	74,226	96,721	8,903	913	248	640	41,013	696	9,147
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
Q4, 2018 compared to Q4, 2017(%)	2	2	6	5	-3	8	-24	2	23	112	-8
Q1-Q4, 2018 compared to Q1-Q4, 2017(%)	1	1	-3	-3	-5	-4	-20	-15	8	33	-3

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

ble 3-2 Trademark Application & Registration - Residents and Non-Resider

	Applications			Registrations		
	Total	Residents	Non-residents	Total	Residents	Non-residents
2011	67,620	50,895	16,725	48,315	36,687	11,628
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
2017	83,802	61,215	22,587	74,226	53,202	21,024
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
Q3, 2017	22,168	16,230	5,938	20,772	14,964	5,808
Q4, 2017	21,244	14,957	6,287	18,317	13,341	4,976
Q1-Q4, 2017	83,802	61,215	22,587	74,226	53,202	21,024
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
Q4, 2018 compared to Q4, 2017(%)	2	1	2	6	2	17
Q1-4, 2018 compared to Q1-4, 2017(%)	1	-2	11	-3	-5	2

Table 3-3 Trademark Opposition & Invalidation

	Opposition			Invalidation		
	Total	Sustained	Denied	Total	Sustained	Denied
2011	560	436	124	244	194	50
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
2017	569	386	183	138	106	32
Q1, 2017	131	82	49	29	25	4
Q2, 2017	141	98	43	31	25	6
Q3, 2017	122	84	38	33	28	5
Q4, 2017	175	122	53	45	28	17
Q1-Q4, 2017	569	386	183	138	106	32
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
Q4, 2018 compared to Q4, 2017(%)	5	-25	72	4	14	-12
Q1-4, 2018 compared to Q1-4, 2017(%)	29	19	49	27	33	6

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
2013	968	91	811	59	157	32
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
Q1, 2017	221	20	194	12	27	8
Q2, 2017	226	14	176	10	50	4
Q3, 2017	202	6	155	4	47	2
Q4, 2017	211	12	159	7	52	5
Q1-Q4, 2017	860	52	684	33	176	19
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
Q4, 2018 compared to Q4, 2017(%)	7	-75	17	-86	-25	-60
Q1-4, 2018 compared to Q1-4, 2017(%)	-7	-27	-0.1	-58	-34	26

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		
		2018	2017	2018 compared to	2018	2017	2018 compared to
1	Republic of China	15,160	14,957	1	59,840	61,215	-2
2	Mainland China	1,506	1,551	-3	5,770	4,830	19
3	Japan	1,322	1,077	23	4,728	3,892	21
4	United States of America	1,013	1,001	1	4,187	3,684	14
5	Hong Kong	393	462	-15	1,649	1,579	4
6	South Korea	380	354	7	1,440	1,521	-5
7	Germany	248	195	27	862	782	10
8	France	185	156	19	758	720	5
9	United Kingdom	175	186	-6	598	563	6
10	Switzerland	111	112	-1	446	528	-16

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
2011	665	-	-	4	-	-	-	-
2013	700	-	-	-	-	-	-	-
2014	660	-	-	-	-	-	-	-
2015	444	-	-	-	-	-	-	-
2016	331	-	-	-	-	-	-	-
2017	322	-	-	3	-	-	-	-
Q1, 2017	73	-	-	1	-	-	-	-
Q2, 2017	75	-	-	1	-	-	-	-
Q3, 2017	91	-	-	-	-	-	-	-
Q4, 2017	83	-	-	1	-	-	-	-
Q1-Q3, 2017	322	-	-	3	-	-	-	-
Q1, 2018	67	-	-	1	-	-	-	-
Q2, 2018	73	-	-	-	-	-	-	-
Q3, 2018	72	-	-	1	-	-	-	-
Q4, 2018	67	-	-	-	-	-	-	-
Q1-Q3, 2018	279	-	-	2	-	-	-	-
Q4, 2018 compared to Q4, 2017(%)	-19	-	-	-100	-	-	-	-
Q1-4, 2018 compared to Q1-4, 2017(%)	-13	-	-	-33	-	-	-	-