

Table 1-1 Patent Statistics

	Application	Pre-grant Publication	Patent Granted	Rejection	Invalidation
2015	73,627	47,367	78,090	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
2019	74,652	48,020	57,886	10,499	431
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, 2019	17,244	12,003	14,631	2,390	102
Q1, 2020	16,680	11,793	14,601	2,938	132
Q2, 2020					
Q3, 2020					
Q4, 2020					
Q1, 2020	16,680	11,793	14,601	2,938	132
Q1, 2020 compared to Q1, 2019(%)	-3	-2	-0.2	23	29

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
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
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
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, 2019	17,244	8,696	8,548	11,304	4,067	7,237	3,956	3,687	269	1,984	942	1,042
Q1, 2020	16,680	8,381	8,299	10,970	3,963	7,007	3,800	3,572	228	1,910	846	1,064
Q2, 2020	0	0	0	0			0			0		
Q3, 2020	0	0	0	0			0			0		
Q4, 2020	0	0	0	0			0			0		
Q1, 2020	16,680	8,381	8,299	10,970	3,963	7,007	3,800	3,572	228	1,910	846	1,064
Q1, 2020 compared to Q1, 2019(%)	-3	-4	-3	-3	-3	-3	-4	-3	-15	-4	-10	2

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
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
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
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, 2019	14,631	8,106	6,525	9,145	3,677	5,468	3,837	3,541	296	1,649	888	761
Q1, 2020	14,601	8,312	6,289	8,535	3,442	5,093	4,220	3,969	251	1,846	901	945
Q2, 2020	0	0	0	0			0			0		
Q3, 2020	0	0	0	0			0			0		
Q4, 2020	0	0	0	0			0			0		
Q1, 2020	14,601	8,312	6,289	8,535	3,442	5,093	4,220	3,969	251	1,846	901	945
Q1, 2020 compared to Q1, 2019(%)	-0.2	3	-4	-7	-6	-7	10	12	-15	12	1	24

Table 1-4 Patent Statistics-Invalidation

	Invalidation			
	Total	Sustained	Partial Sustained	Denied
2015	656	298	103	255
2016	677	277	100	300
2017	688	310	91	287
2018	585	266	86	233
2019	464	222	63	179
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, 2019	102	53	19	30
Q1, 2020	95	39	17	39
Q2, 2020	0			
Q3, 2020	0			
Q4, 2020	0			
Q1, 2020	95	39	17	39
Q1, 2020 compared to Q1, 2019(%)	-7	-26	-11	30

Table1-5 Patent Administrative Remedies -Filed and Reversed

	Total		Appeals		Administrative Suits	
	Filed	TIPO Decisions Reversed	Filed	TIPO Decisions Reversed	Filed	TIPO Decisions Reversed
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
2019	306	33	211	8	95	25
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, 2019	82	10	57	3	25	7
Q1, 2020	63	4	47	0	16	4
Q2, 2020	0	0				
Q3, 2020	0	0				
Q4, 2020	0	0				
Q1, 2020	63	4	47	0	16	4
Q1, 2020 compared to Q1, 2019(%)	-23	-60	-18	-100	-36	-43

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

Rank	Country of Origin	Q1		
		2020	2019	2020 compared to 2019(%)
1	Japan	3,525	3,669	-4
2	United States of America	1,389	1,396	-1
3	Mainland China	503	572	-12
4	South Korea	342	330	4
5	Germany	207	196	6
6	Hong Kong	182	308	-41
7	Netherlands	129	126	2
8	United Kingdom	122	100	22
9	Singapore	101	72	40
10	Switzerland	97	82	18

Table 1-7 Residents Invention Patent Applications

Rank	Applicant	Q1		
		2020	2019	2020 compared to 2019(%)
1	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD	129	163	-21
2	AU OPTRONICS CORPORATION	114	187	-39
3	REALTEK SEMICONDUCTOR CORPORATION	111	67	66
4	MEDiatek INC.	108	90	20
5	ACER INCORPORATED	67	96	-30
6	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	54	52	4
7	INVENTEC CORPORATION	43	9	378
8	HON HAI PRECISION INDUSTRY CO., LTD.	38	64	-41
9	WINBOND ELECTRONICS CORP.	35	37	-5
10	CHUNGHWA TELECOM CO., LTD.	34	27	26

Table 1-8 Non-Residents Invention Patent Applications

Rank	Applicant	Nationality	Q1		
			2020	2019	2020 compared to 2019(%)
1	NITTO DENKO CORPORATION	JP	148	77	92
2	QUALCOMM INCORPORATED	US	147	142	4
3	ALIBABA GROUP SERVICES LIMITED	HK	136	267	-49
4	APPLIED MATERIALS, INC.	US	125	112	12
5	KIOXIA CORPORATION	JP	112	104	8
6	SUMITOMO CHEMICAL CO., LTD.	JP	96	59	63
7	TOKYO ELECTRON LIMITED	JP	91	114	-20
8	FUJI CORPORATION	JP	77	--	--
9	LG CHEM, LTD.	KR	76	55	38
10	DISCO CORPORATION	JP	66	67	-1
10	NISSAN CHEMICAL CORPORATION	JP	66	40	65

Table 2 IC Layout - Filed and Certificates Issued

	Filed	Certificates Issued
2015	113	120
2016	114	133
2017	58	68
2018	95	96
2019	118	86
Q1, 2019	25	0
Q2, 2019	14	0
Q3, 2019	32	47
Q4, 2019	47	39
Q1, 2019	25	0
Q1, 2020	11	38
Q2, 2020		
Q3, 2020		
Q4, 2020		
Q1, 2020	11	38
Q1, 2020 compared to Q1, 2019(%)	-56	--

Table 3-1 Trademark Statistics

	Application	Application (no. of classes)	Registration	Registration (no. of classes)	Rejection	Opposition	Invalidation	Revocation	Renewal	License	Assignment
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
2019	86,794	111,681	70,785	93,500	8,187	664	192	642	45,523	1,202	10,596
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, 2019	19,475	25,447	16,987	22,332	2,054	156	29	122	12,852	611	2,793
Q1, 2020	20,310	26,460	17,990	23,303	2,317	189	32	147	13,112	171	2,289
Q2, 2020											
Q3, 2020											
Q4, 2020											
Q1, 2020	20,310	26,460	17,990	23,303	2,317	189	32	147	13,112	171	2,289
Q1, 2020 compared to Q1, 2019(%)	4	4	6	4	13	21	10	20	2	-72	-18

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
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
2019	86,794	61,928	24,866	70,785	48,921	21,864
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, 2019	19,475	14,004	5,471	16,987	11,626	5,361
Q1, 2020	20,310	15,008	5,302	17,990	12,493	5,497
Q2, 2020	0			0		
Q3, 2020	0			0		
Q4, 2020	0			0		
Q1, 2020	20,310	15,008	5,302	17,990	12,493	5,497
Q1, 2020 compared to Q1, 2019(%)	4	7	-3	6	7	3

Table 3-3 Trademark Opposition & Invalidation

	Opposition			Invalidation		
	Total	Sustained	Denied	Total	Sustained	Denied
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
2019	663	439	224	155	112	43
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, 2019	167	109	58	48	39	9
Q1, 2020	98	77	21	32	20	12
Q2, 2020	0			0		
Q3, 2020	0			0		
Q4, 2020	0			0		
Q1, 2020	98	77	21	32	20	12
Q1, 2020 compared to Q1, 2019(%)	-41	-29	-64	-33	-49	33

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
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
2019	757	56	636	24	121	32
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, 2019	196	14	169	8	27	6
Q1, 2020	167	10	151	6	16	4
Q2, 2020	-	-				
Q3, 2020	-	-				
Q4, 2020	-	-				
Q1, 2020	167	10	151	6	16	4
Q1, 2020 compared to Q1, 2019(%)	-15	-29	-11	-25	-41	-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	Q1		
		2020	2019	2020 compared to 2019(%)
1	Republic of China	15,008	14,004	7
2	Japan	1,042	1,102	-5
3	Mainland China	1,017	1,331	-24
4	United States of America	884	879	1
5	South Korea	463	363	28
6	Hong Kong	367	263	40
7	Germany	189	177	7
8	Switzerland	166	137	21
9	France	146	154	-5
10	Singapore	113	113	0

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
2015	444	0	0	0	0	0	0	0
2016	331	0	0	0	0	0	0	0
2017	322	0	0	3	0	0	0	0
2018	279	0	0	2	0	0	0	0
2019	255	0	0	0	0	0	0	0
Q1, 2019	60	0	0	0	0	0	0	0
Q2, 2019	66	0	0	0	0	0	0	0
Q3, 2019	66	0	0	0	0	0	0	0
Q4, 2019	63	0	0	0	0	0	0	0
Q1, 2019	60	0	0	0	0	0	0	0
Q1, 2020	18	0	0	0	0	0	0	0
Q2, 2020								
Q3, 2020								
Q4, 2020								
Q1, 2020	18	0	0	0	0	0	0	0
Q1, 2020 compared to Q1, 2019(%)	-70	--	--	--	--	--	--	--