

Table 1-1 Patent Statistics

	Application	Pre-grant Publication	Patent Granted	Rejection	Invalidation
2012	85,074	51,590	56,608	21,819	828
2013	83,211	52,123	72,142	27,298	660
2014	78,016	48,714	76,253	25,455	616
2015	73,627	47,362	78,087	22,433	602
2016	72,440	44,353	76,405	16,273	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	17,810	3,972	128
Q4, 2016	19,827	10,463	19,745	3,869	164
Q1-Q4, 2016	72,442	44,355	76,406	16,317	548
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
Q4, 2017 compared to Q4, 2016(%)	-2	-2	-23	-33	-32
Q1-Q4, 2017 compared to Q1-Q4, 2016(%)	2	-2	-6	-32	-4

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-Q4, 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, 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
Q4, 2017 compared to Q4, 2016(%)	-2	-3	-1	2	1	2	-5	-7	21	-14	-3	-24
Q1-Q4, 2017 compared to Q1-Q4, 2016(%)	2	1	3	5	8	4	-3	-3	4	-4	-6	-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
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-Q4, 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, 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
Q4, 2017 compared to Q4, 2016(%)	-23	-26	-19	-27	-33	-22	-21	-22	-19	-3	-14	11
Q1-Q4, 2017 compared to Q1-Q4, 2016(%)	-6	-9	-2	-7	-12	-2	-4	-4	-7	-7	-13	1

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-Q4, 2016	0	0	0	677	277	100	300
Q1, 2017	0	0	0	160	75	15	70
Q2, 2017	0	0	0	170	83	23	64
Q3, 2017	0	0	0	187	74	29	84
Q4, 2017	0	0	0	171	78	24	69
Q1-Q4, 2017	0	0	0	688	310	91	287
Q4, 2017 compared to Q4, 2016(%)	--	--	--	0	34	-31	-12
Q1-Q4, 2017 compared to Q1-Q4, 2016(%)	--	--	--	2	12	-9	-4

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-Q4, 2016	417	44	313	16	104	28
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
Q4, 2017 compared to Q4, 2016(%)	5	-9	5	-33	7	0
Q1-Q4, 2017 compared to Q1-Q4, 2016(%)	-6	-7	-8	-13	-1	-4

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

Rank	Country of Origin	Q4			Q1-Q4		
		2017	2016	2017 compared to 2016(%)	2017	2016	2017 compared to 2016(%)
1	Japan	3,047	2,920	4	12,497	12,006	4
2	United States of America	1,624	1,829	-11	6,408	7,081	-10
3	Mainland China	587	491	20	1,888	1,484	27
4	South Korea	521	463	13	1,864	1,719	8
5	Germany	300	345	-13	1,152	1,300	-11
6	Hong Kong	169	73	132	973	274	255
7	Netherlands	123	176	-30	441	522	-16
8	Switzerland	105	114	-8	392	415	-6
9	United Kingdom	75	75	0	328	318	3
9	Singapore	75	52	44	242	210	15

Table 1-7 Residents Invention Patent Applications

Rank	Applicant	Q4			Q1-Q4		
		2017	2016	2017 compared to 2016(%)	2017	2016	2017 compared to 2016(%)
1	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD.	383	600	-36	937	873	7
2	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	295	293	1	436	446	-2
3	INVENTEC CORPORATION	124	193	-36	160	227	-30
4	HON HAI PRECISION INDUSTRY CO., LTD.	109	93	17	438	357	23
5	AU OPTRONICS CORPORATION	96	76	26	324	268	21
6	ACER INCORPORATED	90	54	67	311	209	49
7	MEDIATEK INC.	87	11	691	349	50	598
8	METAL INDUSTRIES RESEARCH CENTRE	86	119	-28	108	144	-25
9	NATIONAL CHUNG SHAN INSTITUTE OF SCIENCE AND TECHNOLOGY	81	52	56	108	84	29
10	CHUNGHWA TELECOM CO., LTD.	71	91	-22	170	160	6

Table 1-8 Non-Residents Invention Patent Applications

Rank	Applicant	Nationality	Q4			Q1-Q4		
			2017	2016	2017 compared to 2016(%)	2017	2016	2017 compared to 2016(%)
1	QUALCOMM INCORPORATED	US	203	131	55	604	616	-2
2	GUANG DONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	CN	123	9	1267	309	24	1188
3	APPLIED MATERIALS, INC.	US	117	77	52	461	300	54
4	ALIBABA GROUP SERVICES LIMITED	HK	115	36	219	761	111	586
5	TOKYO ELECTRON LIMITED	JP	88	60	47	347	297	17
6	LG CHEM, LTD.	KR	76	42	81	205	136	51
7	LG DISPLAY CO., LTD.	KR	74	74	0	113	98	15
8	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.	JP	72	147	-51	352	470	-25
9	SCREEN HOLDINGS CO., LTD.	JP	69	39	77	202	144	40
10	NITTO DENKO CORPORATION	JP	66	77	-14	274	305	-10

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-Q4, 2016	114	133
Q1, 2017	26	16
Q2, 2017	6	26
Q3, 2017	18	6
Q4, 2017	8	20
Q1-Q4, 2017	58	68
Q4, 2017 compared to Q4, 2016(%)	-70	25
Q1-Q4, 2017 compared to Q1-Q4, 2016(%)	-49	-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-Q4, 2016	79,300	101,331	68,177	88,274	8,956	822	187	515	43,030	763	9,469
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
Q4, 2017 compared to Q4, 2016(%)	0.4	3	-9	-7	-7	-2	18	-9	-11	-11	-0.5
Q4-Q3, 2017 compared to Q1-Q4, 2016(%)	6	7	9	10	-1	11	33	24	-5	-9	-3

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-Q4, 2016	79,300	57,548	21,752	68,177	48,828	19,349
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
Q4, 2017 compared to Q4, 2016(%)	0.4	-3	8	-9	-7	-15
Q1-Q4, 2017 compared to Q1- Q4, 2016(%)	6	6	4	9	9	9

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-Q4, 2016	658	426	232	157	116	41
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-Q3, 2017	569	386	183	138	106	32
Q4, 2017 compared to Q4, 2016(%)	12	31	-16	25	47	0
Q1-Q4, 2017 compared to Q1- Q4, 2016(%)	-14	-9	-21	-12	-9	-22

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-Q4, 2016	846	36	688	19	158	17
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
Q4, 2017 compared to Q4, 2016(%)	-3	50	-15	40	79	67
Q1-Q4, 2017 compared to Q1-Q4, 2016(%)	2	44	-1	74	11	12

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	Q4			Q1-Q4		
		2017	2016	2017 compared to 2016(%)	2017	2016	2017 compared to 2016(%)
1	Republic of China	14,957	15,351	-3	61,215	57,548	6
2	Mainland China	1,551	1,155	34	4,830	4,281	13
3	Japan	1,077	1,020	6	3,892	3,669	6
4	United States of America	1,001	956	5	3,684	3,735	-1
5	Hong Kong	462	402	15	1,579	1,541	2
6	South Korea	354	372	-5	1,521	1,447	5
7	Germany	195	253	-23	782	889	-12
8	United Kingdom	186	163	14	563	613	-8
9	France	156	195	-20	720	658	9
10	Switzerland	119	173	-31	574	614	-7

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
2012	699	-	-	2	-	-	-	-
2013	700	-	-	-	-	-	-	-
2014	660	-	-	-	-	-	-	-
2015	444	-	-	-	-	-	-	-
2016	331	-	-	-	-	-	-	-
Q1, 2016	75	-	-	-	-	-	-	-
Q2, 2016	81	-	-	-	-	-	-	-
Q3, 2016	88	-	-	-	-	-	-	-
Q4, 2016	87	-	-	-	-	-	-	-
Q1-Q4, 2016	331	-	-	-	-	-	-	-
Q1, 2017	73	-	-	1	-	-	-	-
Q2, 2017	75	-	-	1	-	-	-	-
Q3, 2017	91	-	-	-	-	-	-	-
Q4, 2017	83	-	-	1	-	-	-	-
Q1-Q4, 2017	322	-	-	3	-	-	-	-
Q4, 2017 compared to Q4, 2016(%)	-5	-	-	-	-	-	-	-
Q1-Q4, 2017 compared to Q1-Q4, 2016(%)	-3	-	-	-	-	-	-	-