

Table 1-1 Patent Statistics

	Application	Pre-grant Publication	Patent Granted	Rejection	Invalidation
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
2020	72,238	46,834	58,719	12,352	467
2021	72,613	47,951	59,476	11,629	438
Q1, 2021	17,156	12,212	13,812	2,939	141
Q2, 2021	18,108	11,584	14,644	2,906	98
Q3, 2021	18,139	11,829	14,670	3,001	93
Q4, 2021	19,210	12,326	16,350	2,783	106
Q1-Q4, 2021	72,613	47,951	59,476	11,629	438
Q1, 2022	17,498	11,774	13,143	2,671	122
Q2, 2022	17,255	12,765	15,516	2,569	102
Q3, 2022	18,176	12,382	15,105	2,828	109
Q4, 2022	19,130	12,638	14,250	2,618	98
Q1-Q4, 2022	72,059	49,559	58,014	10,686	431
Q4, 2022 compared to Q4, 2021(%)	-0.4	3	-13	-6	-8
Q1-Q4, 2022 compared to Q1-Q4, 2021(%)	-1	3	-2	-8	-2

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
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
2020	72,238	39,404	32,834	46,664	19,012	27,652	17,555	16,445	1,110	8,019	3,947	4,072
2021	72,613	37,624	34,989	49,116	19,547	29,569	15,796	14,543	1,253	7,701	3,534	4,167
Q1, 2021	17,156	8,754	8,402	11,888	4,742	7,146	3,554	3,238	316	1,714	774	940
Q2, 2021	18,108	9,772	8,336	11,988	5,007	6,981	4,124	3,841	283	1,996	924	1,072
Q3, 2021	18,139	9,354	8,785	12,248	4,829	7,419	3,912	3,607	305	1,979	918	1,061
Q4, 2021	19,210	9,744	9,466	12,992	4,969	8,023	4,206	3,857	349	2,012	918	1,094
Q1-Q4, 2021	72,613	37,624	34,989	49,116	19,547	29,569	15,796	14,543	1,253	7,701	3,534	4,167
Q1, 2022	17,498	8,514	8,984	12,534	4,695	7,839	3,328	3,042	286	1,636	777	859
Q2, 2022	17,255	8,907	8,348	11,782	4,662	7,120	3,665	3,441	224	1,808	804	1,004
Q3, 2022	18,176	9,244	8,932	12,556	4,778	7,778	3,768	3,535	233	1,852	931	921
Q4, 2022	19,130	9,815	9,315	13,370	5,265	8,105	3,901	3,651	250	1,859	899	960
Q1-Q4, 2022	72,059	36,480	35,579	50,242	19,400	30,842	14,662	13,669	993	7,155	3,411	3,744
Q4, 2022 compared to Q4, 2021(%)	-0.4	1	-2	3	6	1	-7	-5	-28	-8	-2	-12
Q1-Q4, 2022 compared to Q1-Q4, 2021(%)	-1	-3	2	2	-1	4	-7	-6	-21	-7	-3	-10

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
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
2020	58,719	33,682	25,037	33,811	13,986	19,825	17,489	16,345	1,144	7,419	3,351	4,068
2021	59,476	33,261	26,215	36,576	15,395	21,181	15,742	14,555	1,187	7,158	3,311	3,847
Q1, 2021	13,812	7,653	6,159	8,456	3,508	4,948	3,746	3,453	293	1,610	692	918
Q2, 2021	14,644	8,422	6,222	8,858	3,815	5,043	4,148	3,833	315	1,638	774	864
Q3, 2021	14,670	8,231	6,439	8,966	3,764	5,202	3,748	3,476	272	1,956	991	965
Q4, 2021	16,350	8,955	7,395	10,296	4,308	5,988	4,100	3,793	307	1,954	854	1,100
Q1-Q4, 2021	59,476	33,261	26,215	36,576	15,395	21,181	15,742	14,555	1,187	7,158	3,311	3,847
Q1, 2022	13,143	7,013	6,130	8,159	3,259	4,900	3,297	3,045	252	1,687	709	978
Q2, 2022	15,516	8,786	6,730	9,867	4,404	5,463	3,952	3,618	334	1,697	764	933
Q3, 2022	15,105	8,347	6,758	9,809	4,231	5,578	3,600	3,331	269	1,696	785	911
Q4, 2022	14,250	7,772	6,478	9,340	3,999	5,341	3,363	3,116	247	1,547	657	890
Q1-Q4, 2022	58,014	31,918	26,096	37,175	15,893	21,282	14,212	13,110	1,102	6,627	2,915	3,712
Q4, 2022 compared to Q4, 2021(%)	-13	-13	-12	-9	-7	-11	-18	-18	-20	-21	-23	-19
Q1-Q4, 2022 compared to Q1- Q4, 2021(%)	-2	-4	-0.5	2	3	0.5	-10	-10	-7	-7	-12	-4

Table 1-4 Patent Statistics-Invalidation

	Invalidation											
	Total	Sustained				Partial Sustained			Denied			
		Subtotal	Invention	Utility Model	Design	Subtotal	Invention	Utility Model	Subtotal	Invention	Utility Model	Design
2017	663	304	53	210	41	86	25	61	273	104	142	27
2018	571	261	47	180	34	84	23	61	226	94	113	19
2019	463	222	46	162	14	63	22	41	178	71	103	4
2020	400	204	43	132	29	70	16	54	126	37	68	21
2021	399	202	68	113	21	70	24	46	127	45	60	22
Q1, 2021	103	56	15	35	6	17	8	9	30	11	15	4
Q2, 2021	90	52	20	24	8	15	5	10	23	9	13	1
Q3, 2021	107	50	15	31	4	23	8	15	34	11	13	10
Q4, 2021	99	44	18	23	3	15	3	12	40	14	19	7
Q1-Q4, 2021	399	202	68	113	21	70	24	46	127	45	60	22
Q1, 2022	93	33	12	16	5	8	1	7	52	29	17	6
Q2, 2022	98	44	6	27	11	10	5	5	44	13	19	12
Q3, 2022	123	43	11	27	5	13	4	9	67	31	22	14
Q4, 2022	119	48	16	29	3	16	8	8	55	26	27	2
Q1-Q4, 2022	433	168	45	99	24	47	18	29	218	99	85	34
Q4, 2022 compared to Q4, 2021(%)	20	9	-11	26	-	7	167	-33	38	86	42	-71
Q1-Q4, 2022 compared to Q1-Q4, 2021(%)	9	-17	-34	-12	14	-33	-25	-37	72	120	42	55

Table1-5 Patent Administrative Remedies -Filed and Reversed

	Total		Appeals		Administrative Suits	
	Filed	TIPO Decisions Reversed	Filed	TIPO Decisions Reversed	Filed	TIPO Decisions Reversed
2017	391	41	288	14	103	27
2018	377	43	274	14	103	28
2019	306	33	211	8	95	25
2020	268	26	201	5	67	21
2021	308	16	238	6	70	10
Q1, 2021	74	2	59	1	15	1
Q2, 2021	67	2	53	-	14	2
Q3, 2021	85	5	63	2	22	3
Q4, 2021	82	7	63	3	19	4
Q1-Q4, 2021	308	16	238	6	70	10
Q1, 2022	61	6	38	2	23	4
Q2, 2022	68	2	49	-	19	2
Q3, 2022	69	4	50	-	19	4
Q4, 2022	83	5	61	3	22	2
Q1-Q4, 2022	281	17	198	5	83	12
Q4, 2022 compared to Q4, 2021(%)	1	-29	-3	-	16	-50
Q1-Q4, 2022 compared to Q1-Q4, 2021(%)	-9	6	-17	-17	19	20

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

Rank	Country of Origin	Q4			Q1-Q4		
		2022	2021	2022 compared to 2021 (%)	2022	2021	2022 compared to 2021 (%)
1	Japan	2,942	3,117	-6	12,078	12,221	-1
2	United States of America	1,895	1,925	-2	7,671	7,011	9
3	Mainland China	1,054	836	26	3,493	3,022	16
4	Republic of Korea	829	686	21	2,582	2,223	16
5	Germany	277	310	-11	991	1,047	-5
6	Netherlands	196	175	12	665	596	12
7	Switzerland	154	201	-23	630	616	2
8	Singapore	132	128	3	521	490	6
9	France	103	87	18	268	265	1
10	United Kingdom	87	81	7	310	346	-10

Table 1-7 Residents Invention Patent Applications

Rank	Applicant	Q4			Q1-Q4		
		2022	2021	2022 compared to 2021 (%)	2022	2021	2022 compared to 2021 (%)
1	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	213	252	-15	315	392	-20
2	MEDIATEK INC.	147	78	88	409	249	64
3	AU OPTRONICS CORPORATION	141	118	19	479	460	4
4	ACER INCORPORATED	139	111	25	335	312	7
5	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD.	94	107	-12	1,534	1,950	-21
6	METAL INDUSTRIES RESEARCH & DEVELOPMENT CENTRE	76	67	13	84	82	2
6	INVENTEC CORPORATION	76	28	171	263	230	14
8	REALTEK SEMICONDUCTOR CORPORATION	71	137	-48	332	440	-25
9	NANYA TECHNOLOGY CORPORATION	68	83	-18	371	290	28
10	NAN YA PLASTICS CORPORATION	64	35	83	104	101	3

Table 1-8 Non-Residents Invention Patent Applications

Rank	Applicant	Nationality	Q4			Q1-Q4		
			2022	2021	2022 compared to 2021 (%)	2022	2021	2022 compared to 2021 (%)
1	SAMSUNG ELECTRONICS CO., LTD.	KR	212	98	116	666	510	31
2	APPLIED MATERIALS, INC.	US	191	234	-18	847	758	12
3	QUALCOMM INCORPORATED	US	136	201	-32	763	845	-10
4	NITTO DENKO CORPORATION	JP	101	111	-9	445	529	-16
5	TOKYO ELECTRON LIMITED	JP	100	113	-12	486	463	5
6	ASML NETHERLANDS B.V.	NL	82	88	-7	260	265	-2
6	LG DISPLAY CO., LTD.	KR	82	63	30	130	104	25
8	META PLATFORMS TECHNOLOGIES, LLC	US	75	45	67	290	68	326
8	XI'AN ESWIN MATERIAL TECHNOLOGY CO., LTD.	CN	75	-	--	162	4	3,950
10	LAM RESEARCH CORPORATION	US	71	39	82	195	206	-5
10	DISCO CORPORATION	JP	71	54	31	266	225	18
10	KIOXIA CORPORATION	JP	71	66	8	436	457	-5

Table 2 IC Layout - Filed and Certificates Issued

	Filed	Certificates Issued
2017	58	68
2018	95	96
2019	118	86
2020	75	101
2021	69	51
Q1, 2021	17	-
Q2, 2021	15	30
Q3, 2021	18	11
Q4, 2021	19	10
Q1-Q4, 2021	69	51
Q1, 2022	21	49
Q2, 2022	26	20
Q3, 2022	21	25
Q4, 2022	18	18
Q1-Q4, 2022	86	112
Q4, 2022 compared to Q4, 2021(%)	-5	80
Q1-Q4, 2022 compared to Q1-Q4, 2021(%)	25	120

Table 3-1 Trademark Statistics

	Application	Application (no. of classes)	Registration	Registration (no. of classes)	Rejection	Opposition	Invalidation	Revocation	Renewal	License	Assignment
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
2020	94,089	119,660	78,849	100,444	9,013	784	162	832	48,129	782	9,885
2021	95,917	123,217	81,460	102,439	8,482	696	152	731	55,045	581	10,946
Q1, 2021	22,385	28,827	19,417	24,400	2,023	192	47	172	11,785	123	2,058
Q2, 2021	23,994	30,987	20,181	25,232	2,094	173	34	181	16,813	198	3,219
Q3, 2021	24,699	31,594	21,817	27,070	2,190	159	33	191	14,153	155	2,676
Q4, 2021	24,839	31,809	20,045	25,737	2,175	172	38	187	12,294	105	2,993
Q1-Q4, 2021	95,917	123,217	81,460	102,439	8,482	696	152	731	55,045	581	10,946
Q1, 2022	22,450	30,024	18,367	23,535	1,889	174	21	227	14,078	253	2,482
Q2, 2022	24,128	30,939	21,021	26,895	1,956	150	43	170	14,699	200	2,464
Q3, 2022	25,310	32,105	21,223	27,194	1,929	152	37	167	13,230	146	2,771
Q4, 2022	22,890	29,252	18,789	24,546	1,995	157	40	215	11,836	94	2,649
Q1-Q4, 2022	94,778	122,320	79,400	102,170	7,769	633	141	779	53,843	693	10,366
Q4, 2022 compared to Q4, 2021(%)	-8	-8	-6	-5	-8	-9	5	15	-4	-10	-11
Q1-Q4, 2022 compared to Q1- Q4, 2021(%)	-1	-1	-3	-0.3	-8	-9	-7	7	-2	19	-5

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
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
2020	94,089	72,170	21,919	78,849	56,736	22,113
2021	95,917	73,374	22,543	81,460	62,071	19,389
Q1, 2021	22,385	16,940	5,445	19,417	15,145	4,272
Q2, 2021	23,994	18,108	5,886	20,181	15,508	4,673
Q3, 2021	24,699	19,079	5,620	21,817	16,528	5,289
Q4, 2021	24,839	19,247	5,592	20,045	14,890	5,155
Q1-Q4, 2021	95,917	73,374	22,543	81,460	62,071	19,389
Q1, 2022	22,450	17,358	5,092	18,367	13,637	4,730
Q2, 2022	24,128	19,091	5,037	21,021	16,043	4,978
Q3, 2022	25,310	19,789	5,521	21,223	16,157	5,066
Q4, 2022	22,890	18,088	4,802	18,789	14,475	4,314
Q1-Q4, 2022	94,778	74,326	20,452	79,400	60,312	19,088
Q4, 2022 compared to Q4, 2021(%)	-8	-6	-14	-6	-3	-16
Q1-Q4, 2022 compared to Q1-Q4, 2021(%)	-1	1	-9	-3	-3	-2

Table 3-3 Trademark Opposition & Invalidation

	Opposition			Invalidation		
	Total	Sustained	Denied	Total	Sustained	Denied
2017	569	386	183	138	106	32
2018	733	461	272	175	141	34
2019	663	439	224	155	112	43
2020	418	307	111	107	68	39
2021	415	261	154	101	61	40
Q1, 2021	101	73	28	17	9	8
Q2, 2021	97	74	23	29	20	9
Q3, 2021	99	56	43	29	15	14
Q4, 2021	118	58	60	26	17	9
Q1-Q4, 2021	415	261	154	101	61	40
Q1, 2022	123	69	54	30	20	10
Q2, 2022	92	44	48	20	10	10
Q3, 2022	114	67	47	32	17	15
Q4, 2022	150	104	46	25	19	6
Q1-Q4, 2022	479	284	195	107	66	41
Q4, 2022 compared to Q4, 2021(%)	27	79	-23	-4	12	-33
Q1-Q4, 2022 compared to Q1-Q4, 2021(%)	15	9	27	6	8	2

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
2017	860	52	684	33	176	19
2018	800	38	683	14	117	24
2019	757	56	636	24	121	32
2020	646	40	535	21	111	19
2021	578	19	477	10	101	9
Q1, 2021	115	5	89	3	26	2
Q2, 2021	133	4	115	1	18	3
Q3, 2021	151	6	124	4	27	2
Q4, 2021	179	4	149	2	30	2
Q1-Q4, 2021	578	19	477	10	101	9
Q1, 2022	124	9	101	5	23	4
Q2, 2022	93	4	74	2	19	2
Q3, 2022	119	5	98	4	21	1
Q4, 2022	141	12	120	2	21	10
Q1-Q4, 2022	477	30	393	13	84	17
Q4, 2022 compared to Q4, 2021(%)	-21	200	-19	-	-30	400
Q1-Q4, 2022 compared to Q1-Q4, 2021(%)	-17	58	-18	30	-17	89

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		
		2022	2021	2022 compared to 2021 (%)	2022	2021	2022 compared to 2021 (%)
1	Taiwan, Republic of China	18,088	19,247	-6	74,326	73,374	1
2	Mainland China	909	1,230	-26	4,324	4,929	-12
3	Japan	862	881	-2	3,546	3,437	3
4	United States of America	855	1,016	-16	3,572	4,032	-11
5	Republic of Korea	458	394	16	1,573	1,571	0.1
6	Hong Kong	199	331	-40	1,120	1,548	-28
7	Germany	188	209	-10	675	798	-15
8	United Kingdom	172	116	48	585	586	-0.2
9	France	141	153	-8	543	595	-9
10	Switzerland	128	141	-9	553	628	-12