

Table 1-1 Patent Statistics

	Application	Pre-grant Publication	Patent Granted	Rejection	Invalidation
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
2022	72,059	49,559	58,014	10,686	431
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, 2022	17,498	11,774	13,143	2,671	122
Q1, 2023	17,226	12,848	13,560	2,710	105
Q2, 2023	...	...	...	...	...
Q3, 2023	...	...	...	...	...
Q4, 2023	...	...	...	...	...
Q1, 2023	17,226	12,848	13,560	2,710	105
Q1, 2023 compared to Q1, 2022(%)	-2	9	3	1	-14
Q1, 2023 compared to Q1, 2022(%)	-2	9	3	1	-14

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
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
2022	72,059	36,480	35,579	50,242	19,400	30,842	14,662	13,669	993	7,155	3,411	3,744
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, 2022	17,498	8,514	8,984	12,534	4,695	7,839	3,328	3,042	286	1,636	777	859
Q1, 2023	17,226	8,214	9,012	12,486	4,637	7,849	3,086	2,836	250	1,654	741	913
Q2, 2023	...	...	...	...	...	...	...	...	...	...	...	...
Q3, 2023	...	...	...	...	...	...	...	...	...	...	...	...
Q4, 2023	...	...	...	...	...	...	...	...	...	...	...	...
Q1, 2023	17,226	8,214	9,012	12,486	4,637	7,849	3,086	2,836	250	1,654	741	913
Q1, 2023 compared to Q1, 2022(%)	-2	-4	0.3	-0.4	-1	0.1	-7	-7	-13	1	-5	6
Q1, 2023 compared to Q1, 2022(%)	-2	-4	0.3	-0.4	-1	0.1	-7	-7	-13	1	-5	6

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
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
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
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, 2022	13,143	7,013	6,130	8,159	3,259	4,900	3,297	3,045	252	1,687	709	978
Q1, 2023	13,560	7,412	6,148	8,779	3,671	5,108	3,205	3,023	182	1,576	718	858
Q2, 2023	...	...	...	...	...	...	...	...	...	...	...	...
Q3, 2023	...	...	...	...	...	...	...	...	...	...	...	...
Q4, 2023	...	...	...	...	...	...	...	...	...	...	...	...
Q1, 2023	13,560	7,412	6,148	8,779	3,671	5,108	3,205	3,023	182	1,576	718	858
Q1, 2023 compared to Q1, 2022(%)	3	6	0.3	8	13	4	-3	-1	-28	-7	1	-12
Q1, 2023 compared to Q1, 2022(%)	3	6	0.3	8	13	4	-3	-1	-28	-7	1	-12

Table 1-4 Patent Statistics-Invalidation

	Total	Sustained				Partial Sustained			Denied			
		Subtotal	Invention	Utility Model	Design	Subtotal	Invention	Utility Model	Subtotal	Invention	Utility Model	Design
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
2022	433	168	45	99	24	47	18	29	218	99	85	34
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, 2022	93	33	12	16	5	8	1	7	52	29	17	6
Q1, 2023	83	30	7	21	2	9	4	5	44	16	27	1
Q2, 2023	...	...	...	...	...	...	...	...	...	...	...	...
Q3, 2023	...	...	...	...	...	...	...	...	...	...	...	...
Q4, 2023	...	...	...	...	...	...	...	...	...	...	...	...
Q1, 2023	83	30	7	21	2	9	4	5	44	16	27	1
Q1, 2023 compared to Q1, 2022(%)	-11	-9	-42	31	-60	13	300	-29	-15	-45	59	-83
Q1, 2023 compared to Q1, 2022(%)	-11	-9	-42	31	-60	13	300	-29	-15	-45	59	-83

Table1-5 Patent Administrative Remedies -Filed and Reversed

	Total		Appeals		Administrative Suits	
	Filed	TIPO Decisions Reversed	Filed	TIPO Decisions Reversed	Filed	TIPO Decisions Reversed
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
2022	281	17	198	5	83	12
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, 2022	61	6	38	2	23	4
Q1, 2023	43	-	29	-	14	-
Q2, 2023	...	...	...	...	...	...
Q3, 2023	...	...	...	...	...	...
Q4, 2023	...	...	...	...	...	...
Q1, 2023	43	-	29	-	14	-
Q1, 2023 compared to Q1, 2022(%)	-30	-100	-24	-100	-39	-100
Q1, 2023 compared to Q1, 2022(%)	-30	-100	-24	-100	-39	-100

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

Rank	Country of Origin	Q1		
		2023	2022	2023 compared to 2022 (%)
1	Japan	3,504	3,555	-1
2	United States of America	1,699	1,850	-8
3	Mainland China	912	693	32
4	Republic of Korea	556	471	18
5	Germany	215	240	-10
6	Netherlands	169	146	16
7	Switzerland	155	182	-15
8	Singapore	115	148	-22
9	United Kingdom	70	74	-5
10	France	65	56	16

Table 1-7 Residents Invention Patent Applications

Rank	Applicant	Q1		
		2023	2022	2023 compared to 2022 (%)
1	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD.	752	723	4
2	MEDIATEK INC.	146	66	121
3	NANYA TECHNOLOGY CORPORATION	115	98	17
4	INNOLUX CORPORATION	101	98	3
5	AU OPTRONICS CORPORATION	94	88	7
6	REALTEK SEMICONDUCTOR CORPORATION	77	107	-28
7	INVENTEC CORPORATION	55	47	17
8	CHUNGHWA TELECOM CO., LTD.	45	30	50
9	MACRONIX INTERNATIONAL CO., LTD.	42	46	-9
9	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	42	40	5

Table 1-8 Non-Residents Invention Patent Applications

Rank	Applicant	Nationality	Q1		
			2023	2022	2023 compared to 2022 (%)
1	APPLIED MATERIALS, INC.	US	182	206	-12
2	NITTO DENKO CORPORATION	JP	176	149	18
3	QUALCOMM INCORPORATED	US	169	242	-30
4	SAMSUNG ELECTRONICS CO., LTD.	KR	166	115	44
5	TOKYO ELECTRON LIMITED	JP	128	142	-10
6	XI'AN ESWIN MATERIAL TECHNOLOGY CO., LTD.	CN	127	-	--
7	META PLATFORMS TECHNOLOGIES, LLC	US	90	-	--
8	FUJIFILM CORPORATION	JP	86	86	-
9	KIOXIA CORPORATION	JP	78	134	-42
10	COUPANG CORP.	KR	67	25	168

Table 2 IC Layout - Filed and Certificates Issued

	Filed	Certificates Issued
2018	95	96
2019	118	86
2020	75	101
2021	69	51
2022	86	112
Q1, 2022	21	49
Q2, 2022	26	20
Q3, 2022	21	25
Q4, 2022	18	18
Q1, 2022	21	49
Q1, 2023	18	14
Q2, 2023	...	...
Q3, 2023	...	...
Q4, 2023	...	...
Q1, 2023	18	14
Q1, 2023 compared to Q1, 2022(%)	-14	-71
Q1, 2023 compared to Q1, 2022(%)	-14	-71

Table 3-1 Trademark Statistics

	Application	Application (no. of classes)	Registration	Registration (no. of classes)	Rejection	Opposition	Invalidation	Revocation	Renewal	License	Assignment
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
2022	94,778	122,320	79,400	102,170	7,769	633	141	779	53,843	693	10,366
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, 2022	22,450	30,024	18,367	23,535	1,889	174	21	227	14,078	253	2,482
Q1, 2023	21,494	27,096	16,362	20,980	1,697	131	56	122	14,200	115	2,220
Q2, 2023	...	...	...	...	...	...	...	...	...	...	...
Q3, 2023	...	...	...	...	...	...	...	...	...	...	...
Q4, 2023	...	...	...	...	...	...	...	...	...	...	...
Q1, 2023	21,494	27,096	16,362	20,980	1,697	131	56	122	14,200	115	2,220
Q1, 2023 compared to Q1, 2022(%)	-4	-10	-11	-11	-10	-25	167	-46	1	-55	-11
Q1, 2023 compared to Q1, 2022(%)	-4	-10	-11	-11	-10	-25	167	-46	1	-55	-11

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
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
2022	94,778	74,326	20,452	79,400	60,312	19,088
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, 2022	22,450	17,358	5,092	18,367	13,637	4,730
Q1, 2023	21,494	16,750	4,744	16,362	12,683	3,679
Q2, 2023	...	...	...	...	...	...
Q3, 2023	...	...	...	...	...	...
Q4, 2023	...	...	...	...	...	...
Q1, 2023	21,494	16,750	4,744	16,362	12,683	3,679
Q1, 2023 compared to Q1, 2022(%)	-4	-4	-7	-11	-7	-22
Q1, 2023 compared to Q1, 2022(%)	-4	-4	-7	-11	-7	-22

Table 3-3 Trademark Opposition & Invalidation

	Opposition			Invalidation		
	Total	Sustained	Denied	Total	Sustained	Denied
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
2022	479	284	195	107	66	41
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, 2022	123	69	54	30	20	10
Q1, 2023	91	53	38	23	16	7
Q2, 2023	...	...	...	...	...	...
Q3, 2023	...	...	...	...	...	...
Q4, 2023	...	...	...	...	...	...
Q1, 2023	91	53	38	23	16	7
Q1, 2023 compared to Q1, 2022(%)	-26	-23	-30	-23	-20	-30
Q1, 2023 compared to Q1, 2022(%)	-26	-23	-30	-23	-20	-30

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
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
2022	477	30	393	13	84	17
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, 2022	124	9	101	5	23	4
Q1, 2023	99	11	83	9	16	2
Q2, 2023	...	...	...	...	...	...
Q3, 2023	...	...	...	...	...	...
Q4, 2023	...	...	...	...	...	...
Q1, 2023	99	11	83	9	16	2
Q1, 2023 compared to Q1, 2022(%)	-20	22	-18	80	-30	-50
Q1, 2023 compared to Q1, 2022(%)	-20	22	-18	80	-30	-50

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		
		2023	2022	2023 compared to 2022 (%)
1	Mainland China	1,099	1,130	-3
2	United States of America	800	1,010	-21
3	Japan	710	879	-19
4	Republic of Korea	349	291	20
5	Hong Kong	209	317	-34
6	Germany	200	150	33
7	United Kingdom	172	138	25
8	Singapore	166	110	51
9	France	136	135	1
10	Switzerland	115	156	-26