

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-Q3, 2021	53,403	35,625	43,126	8,846	332
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	...	...	...	...	...
Q1-Q3, 2022	52,929	36,921	43,764	8,068	333
Q3, 2022 compared to Q3, 2021(%)	0.2	5	3	-6	17
Q1-Q3, 2022 compared to Q1-Q3, 2021(%)	-1	4	1	-9	0.3

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-Q3, 2021	53,403	27,880	25,523	36,124	14,578	21,546	11,590	10,686	904	5,689	2,616	3,073
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	...	...	...	...	...	...	...	...	...	...	...	...
Q1-Q3, 2022	52,929	26,665	26,264	36,872	14,135	22,737	10,761	10,018	743	5,296	2,512	2,784
Q3, 2022 compared to Q3, 2021(%)	0.2	-1	2	3	-1	5	-4	-2	-24	-6	1	-13
Q1-Q3, 2022 compared to Q1-Q3, 2021(%)	-1	-4	3	2	-3	6	-7	-6	-18	-7	-4	-9

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-Q3, 2021	43,126	24,306	18,820	26,280	11,087	15,193	11,642	10,762	880	5,204	2,457	2,747
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	...	...	...	...	...	...	...	...	...	...	...	...
Q1-Q3, 2022	43,764	24,146	19,618	27,835	11,894	15,941	10,849	9,994	855	5,080	2,258	2,822
Q3, 2022 compared to Q3, 2021(%)	3	1	5	9	12	7	-4	-4	-1	-13	-21	-6
Q1-Q3, 2022 compared to Q1- Q3, 2021(%)	1	-1	4	6	7	5	-7	-7	-3	-2	-8	3

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-Q3, 2021	300	158	50	90	18	55	21	34	87	31	41	15
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	...	...	...	...	...	...	...	...	...	...	...	...
Q1-Q3, 2022	314	120	29	70	21	31	10	21	163	73	58	32
Q3, 2022 compared to Q3, 2021(%)	15	-14	-27	-13	25	-43	-50	-40	97	182	69	40
Q1-Q3, 2022 compared to Q1-Q3, 2021(%)	5	-24	-42	-22	17	-44	-52	-38	87	135	41	113

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-Q3, 2021	226	9	175	3	51	6
Q1, 2022	61	6	38	2	23	4
Q2, 2022	68	2	49	-	19	2
Q3, 2022	69	4	50	-	19	4
Q4, 2022	...	...	...	...	...	...
Q1-Q3, 2022	198	12	137	2	61	10
Q3, 2022 compared to Q3, 2021(%)	-19	-20	-21	-100	-14	33
Q1-Q3, 2022 compared to Q1-Q3, 2021(%)	-12	33	-22	-33	20	67

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

Rank	Country of Origin	Q3			Q1-Q3		
		2022	2021	2022 compared to 2021 (%)	2022	2021	2022 compared to 2021 (%)
1	Japan	2,942	3,060	-4	9,136	9,105	0.3
2	United States of America	1,973	1,808	9	5,757	5,077	13
3	Mainland China	1,006	737	36	2,439	2,188	11
4	Republic of Korea	689	562	23	1,752	1,537	14
5	Germany	226	264	-14	715	735	-3
6	Netherlands	164	137	20	468	419	12
7	Switzerland	133	160	-17	476	414	15
8	Singapore	106	132	-20	389	356	9
9	United Kingdom	81	90	-10	223	264	-16
10	France	48	68	-29	164	178	-8

Table 1-7 Residents Invention Patent Applications

Rank	Applicant	Q3			Q1-Q3		
		2022	2021	2022 compared to 2021 (%)	2022	2021	2022 compared to 2021 (%)
1	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD.	277	580	-52	1,440	1,843	-22
2	UNITED MICROELECTRONICS CORP.	118	8	1,375	160	21	662
3	AU OPTRONICS CORPORATION	117	117	-	338	342	-1
4	MEDIATEK INC.	112	63	78	262	171	53
5	INNOLUX CORPORATION	89	2	4,350	268	5	5,260
6	INVENTEC CORPORATION	80	76	5	187	202	-7
7	REALTEK SEMICONDUCTOR CORPORATION	78	112	-30	261	303	-14
8	ACER INCORPORATED	54	64	-16	196	201	-2
8	NANYA TECHNOLOGY CORPORATION	54	81	-33	303	207	46
10	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	47	39	21	102	140	-27

Table 1-8 Non-Residents Invention Patent Applications

Rank	Applicant	Nationality	Q3			Q1-Q3		
			2022	2021	2022 compared to 2021 (%)	2022	2021	2022 compared to 2021 (%)
1	QUALCOMM INCORPORATED	US	220	190	16	624	644	-3
2	APPLIED MATERIALS, INC.	US	218	220	-1	656	524	25
3	SAMSUNG ELECTRONICS CO., LTD.	KR	164	122	34	454	410	11
4	KIOXIA CORPORATION	JP	134	145	-8	365	391	-7
5	TOKYO ELECTRON LIMITED	JP	114	118	-3	386	350	10
6	NITTO DENKO CORPORATION	JP	113	148	-24	344	418	-18
7	FUJIFILM CORPORATION	JP	96	90	7	225	227	-1
8	META PLATFORMS TECHNOLOGIES, LLC	US	91	-	--	215	0	--
9	XI'AN ESWIN MATERIAL TECHNOLOGY CO., LTD.	CN	87	2	4,250	87	3	2,800
10	CHANGXIN MEMORY TECHNOLOGIES, INC.	CN	65	-	--	97	0	--
10	DISCO CORPORATION	JP	65	61	7	195	171	14

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-Q3, 2021	50	41
Q1, 2022	21	49
Q2, 2022	26	20
Q3, 2022	21	25
Q4, 2022	...	...
Q1-Q3, 2022	68	94
Q3, 2022 compared to Q3, 2021(%)	17	127
Q1-Q3, 2022 compared to Q1-Q3, 2021(%)	36	129

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-Q3, 2021	71,078	91,408	61,415	76,702	6,307	524	114	544	42,751	476	7,953
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	...	...	...	...	...	...	...	...	...	...	...
Q1-Q3, 2022	71,888	93,068	60,611	77,624	5,774	476	101	564	42,007	599	7,717
Q3, 2022 compared to Q3, 2021(%)	2	2	-3	0.5	-12	-4	12	-13	-7	-6	4
Q1-Q3, 2022 compared to Q1- Q3, 2021(%)	1	2	-1	1	-8	-9	-11	4	-2	26	-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
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-Q3, 2021	71,078	54,127	16,951	61,415	47,181	14,234
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	...	...	...	...	...	...
Q1-Q3, 2022	71,888	56,238	15,650	60,611	45,837	14,774
Q3, 2022 compared to Q3, 2021(%)	2	4	-2	-3	-2	-4
Q1-Q3, 2022 compared to Q1-Q3, 2021(%)	1	4	-8	-1	-3	4

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-Q3, 2021	297	203	94	75	44	31
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	...	...	...	...	...	...
Q1-Q3, 2022	329	180	149	82	47	35
Q3, 2022 compared to Q3, 2021(%)	15	20	9	10	13	7
Q1-Q3, 2022 compared to Q1-Q3, 2021(%)	11	-11	59	9	7	13

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-Q3, 2021	399	15	328	8	71	7
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	...	...	...	...	...	...
Q1-Q3, 2022	336	18	273	11	63	7
Q3, 2022 compared to Q3, 2021(%)	-21	-17	-21	-	-22	-50
Q1-Q3, 2022 compared to Q1-Q3, 2021(%)	-16	20	-17	38	-11	-

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	Q3			Q1-Q3		
		2022	2021	2022 compared to 2021 (%)	2022	2021	2022 compared to 2021 (%)
1	Taiwan, Republic of China	19,789	19,079	4	56,238	54,127	4
2	Mainland China	1,153	1,366	-16	3,415	3,699	-8
3	Japan	980	778	26	2,684	2,556	5
4	United States of America	808	997	-19	2,717	3,016	-10
5	Republic of Korea	472	371	27	1,115	1,177	-5
6	Singapore	458	126	263	739	454	63
7	Hong Kong	294	471	-38	921	1,217	-24
8	Germany	162	213	-24	487	589	-17
9	United Kingdom	150	164	-9	413	470	-12
10	Switzerland	136	176	-23	425	487	-13