

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, 2021	17,156	12,212	13,812	2,939	141
Q1, 2022	17,498	11,774	13,143	2,671	122
Q2, 2022	...	...	...	...	...
Q3, 2022	...	...	...	...	...
Q4, 2022	...	...	...	...	...
Q1, 2022	17,498	11,774	13,143	2,671	122
Q1, 2022 compared to Q1, 2021(%)	2	-4	-5	-9	-13
Q1, 2022 compared to Q1, 2021(%)	2	-4	-5	-9	-13

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, 2021	17,156	8,754	8,402	11,888	4,742	7,146	3,554	3,238	316	1,714	774	940
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	...	...	...	...	...	...	...	...	...	...	...	...
Q3, 2022	...	...	...	...	...	...	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...	...	...	...	...	...	...
Q1, 2022	17,498	8,514	8,984	12,534	4,695	7,839	3,328	3,042	286	1,636	777	859
Q1, 2022 compared to Q1, 2021(%)	2	-3	7	5	-1	10	-6	-6	-9	-5	0.4	-9
Q1, 2022 compared to Q1, 2021(%)	2	-3	7	5	-1	10	-6	-6	-9	-5	0.4	-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, 2021	13,812	7,653	6,159	8,456	3,508	4,948	3,746	3,453	293	1,610	692	918
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	...	...	...	...	...	...	...	...	...	...	...	...
Q3, 2022	...	...	...	...	...	...	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...	...	...	...	...	...	...
Q1, 2022	13,143	7,013	6,130	8,159	3,259	4,900	3,297	3,045	252	1,687	709	978
Q1, 2022 compared to Q1, 2021(%)	-5	-8	-0.5	-4	-7	-1	-12	-12	-14	5	2	7
Q1, 2022 compared to Q1, 2021(%)	-5	-8	-0.5	-4	-7	-1	-12	-12	-14	5	2	7

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, 2021	103	56	15	35	6	17	8	9	30	11	15	4
Q1, 2022	93	33	12	16	5	8	1	7	52	29	17	6
Q2, 2022	...	...	...	...	...	...	...	...	...	...	...	...
Q3, 2022	...	...	...	...	...	...	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...	...	...	...	...	...	...
Q1, 2022	93	33	12	16	5	8	1	7	52	29	17	6
Q1, 2022 compared to Q1, 2021(%)	-10	-41	-20	-54	-17	-53	-88	-22	73	164	13	50
Q1, 2022 compared to Q1, 2021(%)	-10	-41	-20	-54	-17	-53	-88	-22	73	164	13	50

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, 2021	74	2	59	1	15	1
Q1, 2022	61	6	38	2	23	4
Q2, 2022	...	...	...	...	...	...
Q3, 2022	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...
Q1, 2022	61	6	38	2	23	4
Q1, 2022 compared to Q1, 2021(%)	-18	200	-36	100	53	300
Q1, 2022 compared to Q1, 2021(%)	-18	200	-36	100	53	300

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

Rank	Country of Origin	Q1		
		2022	2021	2022 compared to 2021 (%)
1	Japan	3,555	3,376	5
2	United States of America	1,850	1,532	21
3	Mainland China	693	657	5
4	Republic of Korea	471	446	6
5	Germany	240	212	13
6	Switzerland	182	105	73
7	Singapore	148	110	35
8	Netherlands	146	141	4
9	United Kingdom	74	89	-17
10	Hong Kong	58	49	18

Table 1-7 Residents Invention Patent Applications

Rank	Applicant	Q1		
		2022	2021	2022 compared to 2021 (%)
1	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD	723	678	7
2	REALTEK SEMICONDUCTOR CORPORATION	107	112	-4
3	INNOLUX CORPORATION	98	1	9,700
3	NANYA TECHNOLOGY CORPORATION	98	57	72
5	AU OPTRONICS CORPORATION	88	121	-27
6	MEDIATEK INC.	66	43	53
7	ACER INCORPORATED	63	57	11
8	WISTRON CORPORATION	58	21	176
9	INVENTEC CORPORATION	47	46	2
10	MACRONIX INTERNATIONAL CO., LTD.	46	34	35

Table 1-8 Non-Residents Invention Patent Applications

Rank	Applicant	Nationality	Q1		
			2022	2021	2022 compared to 2021 (%)
1	QUALCOMM INCORPORATED	US	242	215	13
2	APPLIED MATERIALS, INC.	US	206	128	61
3	NITTO DENKO CORPORATION	JP	149	186	-20
4	TOKYO ELECTRON LIMITED	JP	142	135	5
5	KIOXIA CORPORATION	JP	134	127	6
6	SAMSUNG ELECTRONICS CO., LTD.	KR	115	141	-18
7	FUJIFILM CORPORATION	JP	86	86	-
8	SUMITOMO CHEMICAL CO., LTD.	JP	82	99	-17
9	INTEL CORPORATION	US	71	7	914
10	LINTEC CORPORATION	JP	67	58	16

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, 2021	17	-
Q1, 2022	21	49
Q2, 2022	...	...
Q3, 2022	...	...
Q4, 2022	...	...
Q1, 2022	21	49
Q1, 2022 compared to Q1, 2021(%)	24	--
Q1, 2022 compared to Q1, 2021(%)	24	--

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, 2021	22,385	28,827	19,417	24,400	2,023	192	47	172	11,785	123	2,058
Q1, 2022	22,450	30,024	18,367	23,535	1,889	174	21	227	14,078	253	2,482
Q2, 2022	...	...	...	...	...	...	...	...	...	...	...
Q3, 2022	...	...	...	...	...	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...	...	...	...	...	...
Q1, 2022	22,450	30,024	18,367	23,535	1,889	174	21	227	14,078	253	2,482
Q1, 2022 compared to Q1, 2021(%)	0.3	4	-5	-4	-7	-9	-55	32	19	106	21
Q1, 2022 compared to Q1, 2021(%)	0.3	4	-5	-4	-7	-9	-55	32	19	106	21

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, 2021	22,385	16,940	5,445	19,417	15,145	4,272
Q1, 2022	22,450	17,358	5,092	18,367	13,637	4,730
Q2, 2022	...	...	...	...	...	...
Q3, 2022	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...
Q1, 2022	22,450	17,358	5,092	18,367	13,637	4,730
Q1, 2022 compared to Q1, 2021(%)	0.3	2	-6	-5	-10	11
Q1, 2022 compared to Q1, 2021(%)	0.3	2	-6	-5	-10	11

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, 2021	101	73	28	17	9	8
Q1, 2022	123	69	54	30	20	10
Q2, 2022	...	...	...	...	...	...
Q3, 2022	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...
Q1, 2022	123	69	54	30	20	10
Q1, 2022 compared to Q1, 2021(%)	22	-5	93	76	122	25
Q1, 2022 compared to Q1, 2021(%)	22	-5	93	76	122	25

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, 2021	115	5	89	3	26	2
Q1, 2022	124	9	101	5	23	4
Q2, 2022	...	...	...	...	...	...
Q3, 2022	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...
Q1, 2022	124	9	101	5	23	4
Q1, 2022 compared to Q1, 2021(%)	8	80	13	67	-12	100
Q1, 2022 compared to Q1, 2021(%)	8	80	13	67	-12	100

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		
		2022	2021	2022 compared to 2021 (%)
1	Taiwan, Republic of China	17,358	16,940	2
2	Mainland China	1,130	1,029	10
3	United States of America	1,010	945	7
4	Japan	879	938	-6
5	Hong Kong	317	448	-29
6	Republic of Korea	291	361	-19
7	Switzerland	156	162	-4
8	Germany	150	162	-7
9	United Kingdom	138	153	-10
10	France	135	141	-4