

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-Q2, 2021	35,264	23,796	28,456	5,845	239
Q1, 2022	17,498	11,774	13,143	2,671	122
Q2, 2022	17,255	12,765	15,516	2,569	102
Q3, 2022	...	...	...	...	...
Q4, 2022	...	...	...	...	...
Q1-Q2, 2022	34,753	24,539	28,659	5,240	224
Q2, 2022 compared to Q2, 2021(%)	-5	10	6	-12	4
Q1-Q2, 2022 compared to Q1-Q2, 2021(%)	-1	3	1	-10	-6

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-Q2, 2021	35,264	18,526	16,738	23,876	9,749	14,127	7,678	7,079	599	3,710	1,698	2,012
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	...	...	...	...	...	...	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...	...	...	...	...	...	...
Q1-Q2, 2022	34,753	17,421	17,332	24,316	9,357	14,959	6,993	6,483	510	3,444	1,581	1,863
Q2, 2022 compared to Q2, 2021(%)	-5	-9	0.1	-2	-7	2	-11	-10	-21	-9	-13	-6
Q1-Q2, 2022 compared to Q1-Q2, 2021(%)	-1	-6	4	2	-4	6	-9	-8	-15	-7	-7	-7

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-Q2, 2021	28,456	16,075	12,381	17,314	7,323	9,991	7,894	7,286	608	3,248	1,466	1,782
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	...	...	...	...	...	...	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...	...	...	...	...	...	...
Q1-Q2, 2022	28,659	15,799	12,860	18,026	7,663	10,363	7,249	6,663	586	3,384	1,473	1,911
Q2, 2022 compared to Q2, 2021(%)	6	4	8	11	15	8	-5	-6	6	4	-1	8
Q1-Q2, 2022 compared to Q1- Q2, 2021(%)	1	-2	4	4	5	4	-8	-9	-4	4	0.5	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-Q2, 2021	193	108	35	59	14	32	13	19	53	20	28	5
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	...	...	...	...	...	...	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...	...	...	...	...	...	...
Q1-Q2, 2022	191	77	18	43	16	18	6	12	96	42	36	18
Q2, 2022 compared to Q2, 2021(%)	9	-15	-70	13	38	-33	-	-50	91	44	46	1,100
Q1-Q2, 2022 compared to Q1-Q2, 2021(%)	-1	-29	-49	-27	14	-44	-54	-37	81	110	29	260

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-Q2, 2021	141	4	112	1	29	3
Q1, 2022	61	6	38	2	23	4
Q2, 2022	68	2	49	-	19	2
Q3, 2022	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...
Q1-Q2, 2022	129	8	87	2	42	6
Q2, 2022 compared to Q2, 2021(%)	1	-	-8	--	36	-
Q1-Q2, 2022 compared to Q1-Q2, 2021(%)	-9	100	-22	100	45	100

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

Rank	Country of Origin	Q1			Q1-Q2		
		2022	2021	2022 compared to 2021 (%)	2022	2021	2022 compared to 2021 (%)
1	Japan	2,637	2,666	-1	6,193	6,044	2
2	United States of America	1,893	1,712	11	3,759	3,253	16
3	Mainland China	735	792	-7	1,429	1,449	-1
4	Republic of Korea	591	526	12	1,062	973	9
5	Germany	249	254	-2	492	469	5
6	Switzerland	159	145	10	343	254	35
7	Netherlands	157	141	11	303	282	7
8	Singapore	134	112	20	283	223	27
9	United Kingdom	59	75	-21	137	166	-17
10	France	56	72	-22	115	109	6

Table 1-7 Residents Invention Patent Applications

Rank	Applicant	Q1			Q1-Q2		
		2022	2021	2022 compared to 2021 (%)	2022	2021	2022 compared to 2021 (%)
1	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY L	440	585	-25	1,163	1,263	-8
2	NANYA TECHNOLOGY CORPORATION	151	69	119	249	126	98
3	AU OPTRONICS CORPORATION	133	104	28	221	225	-2
4	MEDIATEK INC.	83	65	28	150	108	39
5	INNOLUX CORPORATION	81	2	3,950	179	3	5,867
6	ACER INCORPORATED	79	80	-1	142	137	4
7	REALTEK SEMICONDUCTOR CORPORATION	76	79	-4	183	191	-4
8	HON HAI PRECISION INDUSTRY CO., LTD.	64	30	113	89	108	-18
9	INVENTEC CORPORATION	60	80	-25	107	126	-15
10	COMPAL ELECTRONICS, INC.	47	29	62	76	59	29
10	MACRONIX INTERNATIONAL CO., LTD.	47	29	62	93	63	48

Table 1-8 Non-Residents Invention Patent Applications

Rank	Applicant	Nationality	Q1			Q1-Q2		
			2022	2021	2022 compared to 2021 (%)	2022	2021	2022 compared to 2021 (%)
1	APPLIED MATERIALS, INC.	US	232	176	32	438	304	44
2	SAMSUNG ELECTRONICS CO., LTD.	KR	175	147	19	290	288	1
3	QUALCOMM INCORPORATED	US	162	239	-32	404	454	-11
4	TOKYO ELECTRON LIMITED	JP	130	97	34	272	232	17
5	KIOXIA CORPORATION	JP	97	119	-18	231	246	-6
6	NITTO DENKO CORPORATION	JP	82	83	-1	231	270	-14
7	DISCO CORPORATION	JP	69	56	23	130	110	18
8	ASML NETHERLANDS B.V.	NL	61	60	2	121	117	3
9	KLA CORPORATION	US	49	44	11	78	77	1
9	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.	JP	49	42	17	114	93	23

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-Q2, 2021	32	30
Q1, 2022	21	49
Q2, 2022	26	20
Q3, 2022	...	...
Q4, 2022	...	...
Q1-Q2, 2022	47	69
Q2, 2022 compared to Q2, 2021(%)	73	-33
Q1-Q2, 2022 compared to Q1-Q2, 2021(%)	47	130

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-Q2, 2021	46,379	59,814	39,598	49,632	4,117	365	81	353	28,598	321	5,277
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	...	...	...	...	...	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...	...	...	...	...	...
Q1-Q2, 2022	46,578	60,963	39,388	50,430	3,845	324	64	397	28,777	453	4,946
Q2, 2022 compared to Q2, 2021(%)	1	-0.2	4	7	-7	-13	26	-6	-13	1	-23
Q1-Q2, 2022 compared to Q1- Q2, 2021(%)	0.4	2	-1	2	-7	-11	-21	12	1	41	-6

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-Q2, 2021	46,379	35,048	11,331	39,598	30,653	8,945
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	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...
Q1-Q2, 2022	46,578	36,449	10,129	39,388	29,680	9,708
Q2, 2022 compared to Q2, 2021(%)	1	5	-14	4	3	7
Q1-Q2, 2022 compared to Q1-Q2, 2021(%)	0.4	4	-11	-1	-3	9

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-Q2, 2021	198	147	51	46	29	17
Q1, 2022	123	69	54	30	20	10
Q2, 2022	92	44	48	20	10	10
Q3, 2022	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...
Q1-Q2, 2022	215	113	102	50	30	20
Q2, 2022 compared to Q2, 2021(%)	-5	-41	109	-31	-50	11
Q1-Q2, 2022 compared to Q1-Q2, 2021(%)	9	-23	100	9	3	18

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-Q2, 2021	248	9	204	4	44	5
Q1, 2022	124	9	101	5	23	4
Q2, 2022	93	4	74	2	19	2
Q3, 2022	...	...	...	...	...	...
Q4, 2022	...	...	...	...	...	...
Q1-Q2, 2022	217	13	175	7	42	6
Q2, 2022 compared to Q2, 2021(%)	-30	-	-36	100	6	-33
Q1-Q2, 2022 compared to Q1-Q2, 2021(%)	-13	44	-14	75	-5	20

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			Q1-Q2		
		2022	2021	2022 compared to 2021 (%)	2022	2021	2022 compared to 2021 (%)
1	Taiwan, Republic of China	19,091	18,108	5	36,449	35,048	4
2	Mainland China	1,132	1,304	-13	2,262	2,333	-3
3	United States of America	899	1,074	-16	1,909	2,019	-5
4	Japan	825	840	-2	1,704	1,778	-4
5	Republic of Korea	352	445	-21	643	806	-20
6	Hong Kong	310	298	4	627	746	-16
7	Germany	175	214	-18	325	376	-14
8	Singapore	171	198	-14	281	328	-14
9	Switzerland	133	149	-11	289	311	-7
9	France	133	153	-13	268	294	-9