

I · Cases Filed & Disposed of Patent

A Cases Filed on Patent (1978 ~ 2002)

Year	Application	Approval	Certificate Issued	Year	Application	Approval	Certificate Issued
1978	8,761	1,794	1,204	1991	36,127	27,281	24,235
1979	10,411	3,689	2,959	1992	38,554	21,264	20,142
1980	13,016	6,633	6,256	1993	41,185	22,317	19,266
1981	15,027	6,264	6,013	1994	42,412	19,032	15,136
1982	16,328	7,460	5,781	1995	43,461	29,707	22,907
1983	19,428	7,096	5,327	1996	47,055	29,469	25,529
1984	22,013	8,592	8,005	1997	53,164	29,356	26,935
1985	23,870	9,427	8,886	1998	54,003	25,051	23,640
1986	26,198	10,526	8,498	1999	51,921	29,144	24,338
1987	28,900	10,615	8,263	2000	61,231	38,665	31,096
1988	29,511	12,355	9,622	2001	67,860	53,789	43,277
1989	32,103	19,265	15,975	2002	61,402	45,042	44,101
1990	34,343	22,601	19,623				

Note: The figures that are presented under "Application" reflect the total number of patent applications concluded in that year. The figures that are presented under "Approval" reflect the total number of patent publications concluded in that year. The figures that are presented under "Certificate Issued" are sourced from the actual number of certificates issued.

B Statistic on Patent from 1993 to 2002

1. Statistic on Cases Filed & Disposed of Patent (1993 ~2002)

Year	Application	Reexamination	Opposition	Invalidation	Assignment	Licensing
1993	41,185	8,685	1,985	813	1,109	143
1994	42,412	6,983	1,428	667	937	107
1995	43,461	10,353	1,936	689	976	98
1996	47,055	8,290	1,855	768	1,291	194
1997	53,164	7,933	2,029	778	1,678	204
1998	54,003	6,669	1,843	638	1,818	166
1999	51,921	8,227	2,074	653	1,490	137
2000	61,231	7,103	2,266	583	2,013	188
2001	67,860	10,463	2,596	701	1,598	111
2002	61,402	11,728	1,734	591	2,365	140

Note:1. The figures that are presented under "Application", "Reexamination", "Opposition" and "Invalidation" reflect the total number of cases applied in that year.

2. The figures that are presented under "Assignment" and "Licensing" reflect the total number of cases concluded in that year.

2. Invention Patent Filed & Disposed (1993 ~2002)

Year	Application	Reexamination	Rejection	Approval	Certificate Issued
1993	11,163	3,682	6,385	5,354	5,204
1994	12,440	2,978	6,360	4,821	4,017
1995	13,936	4,983	8,381	6,977	5,579
1996	15,959	4,464	8,067	8,594	7,389
1997	20,046	4,225	7,552	9,008	9,344
1998	21,978	3,762	6,994	8,478	8,380
1999	22,161	4,945	8,251	11,280	10,022
2000	28,451	4,390	8,089	15,657	13,061
2001	33,392	6,298	10,381	24,429	21,012
2002	31,616	7,413	12,031	23,036	22,616

Note: The figures that are presented under "Rejection" reflect the total of cases rejected after examination and reexamination. The figures that are presented under "Certificate Issued" are sourced from the actual number of certificates issued.

3. Utility Model Patent Filed & Disposed (1993 ~2002)

Year	Application	Reexamination	Rejection	Approval	Certificate Issued
1993	19,022	3,740	10,634	11,616	9,588
1994	19,154	2,873	9,905	9,856	7,281
1995	18,436	3,603	10,442	14,506	11,504
1996	19,975	2,401	8,372	13,623	11,988
1997	21,800	2,469	8,220	14,943	12,431
1998	22,235	2,016	7,042	13,416	12,000
1999	21,481	2,130	7,660	14,298	11,883
2000	23,728	1,763	8,468	15,990	12,945
2001	25,370	2,797	9,668	21,212	16,680
2002	21,750	3,100	9,493	16,115	15,200

Note: The figures that are presented under "Rejection" reflect the total of cases rejected after examination and reexamination. The figures that are presented under "Certificate Issued" are sourced from the actual number of certificates issued.

4. Design Patent Filed & Disposed (1993 ~2002)

Year	Application	Reexamination	Rejection	Approval	Certificate Issued
1993	11,000	1,263	6,344	5,347	4,474
1994	10,818	1,132	5,854	4,355	3,838
1995	11,089	1,767	7,393	8,224	5,824
1996	11,121	1,425	6,220	7,252	6,152
1997	11,318	1,239	5,564	5,405	5,160
1998	9,790	891	4,610	3,157	3,260
1999	8,279	1,152	5,380	3,566	2,433
2000	9,052	950	5,559	7,018	5,090
2001	9,098	1,368	5,312	8,148	5,585
2002	8,036	1,215	4,091	5,891	6,285

Note: The figures that are presented under "Rejection" reflect the total of cases rejected after examination and reexamination. The figures that are presented under "Certificate Issued" are sourced from the actual number of certificates issued.

5. Statistic on Disposed of Opposition and Invalidation for Patent (1993 ~2002)

Year	Opposition		Invalidation	
	Sustenance	Non-sustenance	Sustenance	Non-sustenance
1993	515	1,075	280	365
1994	711	837	347	457
1995	733	1,218	272	423
1996	823	1,150	353	360
1997	676	1,065	274	426
1998	744	1,221	272	497
1999	685	1,022	282	376
2000	569	975	200	336
2001	760	1,343	168	287
2002	835	1,466	194	353

Note:1.The figures that are presented here reflect the total of cases concluded in that year.

2.Cases, in addition to sustenance and non-sustenance, are subject to other conditions such as withdraw or rejection.

6.Statistic on Domestic and Foreign Patent Application (1993 ~2002)

Item Year	Domestic				Foreign			
	Invention	Utility Model	Design	Total	Invention	Utility Model	Design	Total
1993	1,924	17,175	9,327	28,426	9,239	1,847	1,673	12,759
1994	2,197	17,756	9,354	29,307	10,243	1,398	1,464	13,105
1995	2,216	17,300	9,384	28,900	11,720	1,136	1,705	14,561
1996	2,938	18,690	9,557	31,185	13,021	1,285	1,564	15,870
1997	3,761	20,542	9,354	33,657	16,285	1,258	1,964	19,507
1998	5,213	21,123	7,907	34,243	16,765	1,112	1,883	19,760
1999	5,804	20,283	6,556	32,643	16,357	1,198	1,723	19,278
2000	6,830	22,660	6,879	36,369	21,621	1,068	2,173	24,862
2001	9,170	24,220	6,820	40,210	24,222	1,150	2,278	27,650
2002	9,638	20,692	5,596	35,926	21,978	1,058	2,440	25,476

7.Statistic on Domestic and Foreign Patent Approval (1993 ~2002)

Item Year	Domestic				Foreign			
	Invention	Utility Model	Design	Total	Invention	Utility Model	Design	Total
1993	740	10,264	4,410	15,414	4,614	1,352	937	6,903
1994	668	8,585	3,310	12,563	4,153	1,271	1,045	6,469
1995	1,138	12,962	6,617	20,717	5,839	1,544	1,607	8,990
1996	1,393	12,245	5,772	19,410	7,201	1,378	1,480	10,059
1997	1,611	13,680	4,260	19,551	7,397	1,263	1,145	9,805
1998	1,598	12,454	2,365	16,417	6,880	962	792	8,634
1999	2,139	13,375	2,538	18,052	9,141	923	1,028	11,092
2000	3,834	14,924	4,979	23,737	11,823	1,066	2,039	14,928
2001	6,477	19,999	5,834	32,310	17,952	1,213	2,314	21,479
2002	5,683	15,265	3,898	24,846	17,353	850	1,993	20,196

C Statistics on Patent by Classification

1. Statistics on Invention Application and Approval by Classification in Recent Three Years

Class	Application			Approval		
	1999	2000	2001	2000	2001	2002
A01	239	219	247	128	146	130
A21	12	13	25	11	13	14
A22	0	3	6	1	2	0
A23	119	154	164	57	66	58
A24	13	25	15	13	14	7
A31	0	0	0	0	2	0
A41	42	23	33	22	19	17
A42	16	9	10	1	3	3
A43	36	42	39	28	22	19
A44	64	67	55	25	25	23
A45	54	43	58	10	5	8
A46	18	18	24	12	11	7
A47	184	228	218	89	92	75
A61	1303	1380	1323	504	725	701
A62	15	12	14	5	8	10
A63	178	240	271	103	151	83
B01	387	383	424	198	358	299
B02	19	17	19	6	18	15
B03	14	14	7	10	18	8
B04	3	3	2	2	3	3
B05	95	85	112	69	98	107
B06	1	2	6	2	1	4
B07	13	19	8	6	22	17
B08	42	41	44	32	49	44
B09	30	46	63	13	35	33
B21	116	114	135	85	124	117
B22	93	112	102	67	131	83
B23	232	277	287	169	340	236
B24	216	260	273	184	255	184
B25	96	98	134	83	108	103
B26	19	42	47	38	23	27
B27	29	30	25	22	42	24
B28	20	29	32	30	20	18
B29	292	282	293	141	335	220
B30	9	16	12	13	11	12
B31	24	14	7	6	13	6
B32	217	204	203	87	155	109
B41	146	233	265	74	120	259
B42	17	21	25	11	8	2
B43	30	39	34	14	10	18
B44	26	33	38	17	9	13
B60	163	212	255	88	128	202
B61	5	17	18	2	7	15
B62	172	240	230	124	172	170
B63	24	24	11	25	20	12
B64	9	7	10	14	7	7
B65	356	368	391	261	360	304
B66	64	80	90	17	46	75
B67	19	17	16	15	13	6
B68	2	3	0	0	1	0
B81	0	2	41	0	2	28
B82	0	0	3	0	0	1
C01	125	137	144	76	122	92
C02	89	108	103	32	67	65
C03	84	154	184	39	77	62
C04	117	86	117	69	76	69
C05	12	15	9	5	8	6
C06	15	10	5	2	4	3
C07	1297	1496	1692	746	1019	763
C08	1001	1085	1152	512	801	610
C09	424	445	609	193	329	255

C10	103	78	96	56	75	67
C11	62	71	53	55	46	38
C12	169	241	312	62	61	62
C13	1	1	1	0	2	1
C14	1	6	3	3	3	4
C21	63	70	78	45	71	77
C22	71	98	107	37	81	87
C23	290	323	397	108	211	209
C25	83	101	138	41	60	54
C30	79	68	81	38	53	55
D01	77	76	100	55	68	89
D02	27	30	24	24	27	40
D03	37	27	33	20	23	49
D04	69	75	92	38	79	81
D05	38	61	72	14	48	47
D06	68	92	95	83	61	78
D07	5	2	0	0	3	2
D21	107	85	52	44	73	25
D64	0	0	0	1	0	0
E01	30	30	36	11	19	30
E02	53	51	50	39	37	58
E03	24	16	23	24	16	18
E04	143	135	150	87	141	124
E05	56	95	68	40	93	51
E06	42	29	35	37	29	18
E21	6	9	15	7	5	20
F01	55	64	65	51	48	57
F02	74	103	101	84	58	127
F03	21	30	39	4	7	17
F04	89	94	97	66	79	114
F15	9	27	19	10	26	17
F16	196	296	338	171	229	289
F17	36	34	21	23	48	19
F21	45	44	67	7	13	35
F22	4	8	5	8	7	2
F23	65	83	66	40	85	36
F24	70	77	92	68	67	54
F25	72	70	99	33	45	74
F26	10	12	26	6	9	6
F27	15	21	19	26	32	19
F28	36	45	41	26	42	46
F41	16	13	10	7	17	8
F42	7	13	6	10	12	5
G01	608	697	910	344	524	573
G02	774	1130	1365	326	722	669
G03	340	475	588	196	272	344
G04	31	40	38	31	37	41
G05	107	113	120	65	119	111
G06	1434	2185	2810	926	1507	1776
G07	37	71	79	28	51	62
G08	60	61	101	32	35	47
G09	213	335	564	170	174	326
G10	87	82	110	42	75	70
G11	860	1034	1377	683	997	1006
G12	2	3	7	2	3	2
G21	61	55	35	25	91	42
H01	5332	6344	7720	4806	7805	6983
H02	332	453	549	191	398	374
H03	367	438	573	180	591	435
H04	1441	1873	2170	1131	1572	1435
H05	412	585	754	261	378	570
X	0	177	121	0	0	0

Note: Patent application figures, in consideration of the time period differentiated between application collection and classification, may not be available by the publication deadline for the annual report; therefore, figures from prior three years are used as the base of the said statistics.

2. Statistics on Utility Model Application and Approval by Classification in Recent Three Years

Class	Application			Approval		
	1999	2000	2001	2000	2001	2002
A01	575	485	536	378	313	359
A21	48	36	52	30	47	24
A22	11	12	8	6	13	4
A23	94	97	118	64	93	61
A24	26	33	33	12	16	7
A41	166	161	209	70	80	42
A42	82	81	85	43	46	34
A43	203	193	272	110	110	118
A44	219	207	207	124	169	82
A45	571	602	545	307	272	189
A46	55	43	49	36	25	15
A47	2222	2108	2139	1302	1318	839
A61	778	855	987	490	563	577
A62	60	65	78	47	41	35
A63	1136	1187	1259	780	842	753
B01	209	216	257	140	236	185
B02	43	37	56	45	57	37
B03	18	20	10	10	13	7
B04	0	7	2	0	6	3
B05	155	139	158	112	118	152
B07	27	21	28	13	32	34
B08	34	30	70	28	26	57
B09	13	10	28	4	12	17
B21	153	125	115	130	175	93
B22	29	46	34	19	35	19
B23	404	335	409	364	418	308
B24	115	125	120	92	150	61
B25	748	677	775	613	734	584
B26	190	174	179	136	143	164
B27	94	85	93	64	116	62
B28	35	30	25	41	37	12
B29	243	220	269	165	301	209
B30	26	24	20	11	22	29
B31	26	21	26	22	31	31
B32	47	71	78	27	36	54
B41	169	157	155	164	68	145
B42	149	152	158	72	84	48
B43	204	177	189	122	105	51
B44	84	79	66	46	35	19
B45	0	0	0	1	0	0
B60	894	926	928	579	759	645
B61	0	4	15	4	2	2
B62	908	1410	946	692	1008	828
B63	59	36	47	53	60	25
B64	5	5	15	4	6	5
B65	1277	1217	1296	825	1144	796
B66	87	61	74	39	65	69
B67	37	38	47	30	33	15
B68	6	2	3	0	5	2
B81	0	0	4	0	0	2
C01	5	14	14	5	20	10
C02	49	49	55	26	41	33
C03	10	11	20	6	9	9
C04	2	3	2	0	1	0
C05	2	4	3	2	1	4
C06	1	8	4	2	5	1
C07	0	0	0	1	1	2
C08	4	5	5	3	1	3
C09	7	7	7	1	2	1
C10	1	4	3	2	3	2
C11	6	10	9	1	1	1

C12	2	8	20	1	1	0
C14	6	1	2	2	3	2
C21	7	3	4	8	5	7
C22	2	3	2	0	2	1
C23	8	10	22	4	6	11
C25	16	41	36	21	43	29
C30	1	0	0	0	1	0
D01	19	20	22	12	32	23
D02	2	11	8	5	5	13
D03	22	8	13	8	23	12
D04	119	79	113	48	152	96
D05	52	67	60	18	72	40
D06	125	119	91	83	135	63
D07	5	8	4	3	6	4
D21	5	12	12	1	7	2
E01	71	67	58	42	49	42
E02	62	51	54	54	68	42
E03	152	136	156	113	159	100
E04	642	638	609	446	659	399
E05	466	491	485	331	625	412
E06	592	498	521	497	503	371
E21	6	7	2	7	5	5
E24	0	0	0	2	0	0
E65	0	0	0	1	0	0
F01	59	52	72	60	39	41
F02	61	94	93	48	49	115
F03	14	14	17	7	4	9
F04	276	257	299	153	202	222
F05	0	0	0	2	0	0
F15	26	26	20	21	28	16
F16	778	834	844	619	686	560
F17	33	71	53	36	60	18
F21	296	331	389	170	249	152
F22	6	7	3	5	5	3
F23	175	182	215	111	216	90
F24	474	464	479	367	389	219
F25	96	60	64	30	46	36
F26	26	30	18	6	15	20
F27	11	8	9	9	16	11
F28	35	40	52	21	46	49
F41	58	62	96	60	84	88
F42	21	15	38	7	30	19
G01	352	306	417	239	261	253
G02	249	306	428	149	162	163
G03	68	90	132	56	87	93
G04	59	46	25	34	31	23
G05	42	39	51	40	38	43
G06	965	776	1231	605	956	682
G07	71	64	95	59	62	70
G08	107	75	104	98	43	55
G09	225	208	269	148	141	120
G10	85	86	70	43	61	26
G11	208	192	233	125	190	171
G12	6	14	12	2	11	11
G21	1	0	1	0	1	1
H01	1812	1797	1895	1512	2519	1402
H02	441	387	486	216	507	309
H03	41	29	47	26	64	27
H04	674	771	780	425	656	533
H05	477	751	787	259	592	816
X	0	9	0	0	0	0

Note: Patent application figures, in consideration of the time period differentiated between application collection and classification, may not be available by the publication deadline for the annual report; therefore, figures from prior three years are used as the base of the said statistics.

3. Statistics on Design Application and Approval by Classification in Recent Three Years

Class	Application			Approval		
	1999	2000	2001	2000	2001	2002
01	28	31	33	24	11	9
02	72	110	255	65	50	191
03	28	73	237	35	14	132
04	106	89	75	58	60	51
05	235	282	73	176	246	31
06	161	273	695	95	160	517
07	175	269	473	194	138	272
08	15	135	547	7	7	350
09	36	91	429	7	13	260
10	591	548	211	385	594	205
11	592	604	220	408	423	154
12	959	842	669	761	928	287
13	485	564	539	594	595	402
14	271	352	813	124	141	610
15	647	568	375	449	543	240
16	3	28	335	0	1	205
17	782	775	116	665	808	120
18	270	212	39	186	217	37
19	85	146	313	107	88	222
20	20	22	62	22	13	49
21	22	81	384	10	12	265
22	237	101	45	159	141	47
23	365	436	735	318	330	491
24	409	300	214	158	348	102
25	108	84	211	102	63	92
26	220	232	236	216	188	117
27	129	84	35	77	111	19
28	260	221	300	124	186	199
29	25	11	16	31	18	5
30	382	299	60	174	283	28
31	53	68	61	36	42	27
32	314	305	73	385	360	31
33	88	96	19	42	52	5
34	42	29	2	26	53	1
35	10	8	1	6	11	0
36	48	19	19	46	39	5
37	273	201	4	257	254	24
38	97	49	21	49	63	9
39	6	8	0	8	4	0
40	14	7	2	16	18	1
41	10	2	1	7	6	1
42	6	9	0	9	12	0
43	4	2	0	2	5	0
44	4	2	0	4	4	0
45	19	23	0	19	18	7
46	240	266	13	225	319	25
47	20	17	0	18	21	1
48	35	18	0	33	29	2
49	39	40	3	35	39	2
50	56	59	2	64	69	6
99	1	15	88	0	0	35
X	0	0	44	0	0	0

Note: Patent application figures, in consideration of the time period differentiated between application collection and classification, may not be available by the publication deadline for the annual report; therefore, figures from prior three years are used as the base of the said statistics.

4. Statistics on Patent Application by Nationality in 2002

Nationality	Application				
	Invention	Utility Model	Design	Total	Percentage
TAIWAN, REPUBLIC OF CHINA	9,638	20,692	5,596	35,926	58.509
JAPAN	10,148	320	1,236	11,704	19.061
UNITED STATES OF AMERICA	6,787	312	500	7,599	12.376
GERMANY	1,355	23	74	1,452	2.365
KOREA	833	35	27	895	1.458
NETHERLANDS	674	25	65	764	1.244
SWITZERLAND	462	11	65	538	0.876
UNITED KINGDOM	348	46	70	464	0.756
FRANCE	301	7	36	344	0.560
SWEDEN	154	5	37	196	0.319
ITALY	132	7	35	174	0.283
CHINA	80	40	23	143	0.233
AUSTRALIA	76	6	30	112	0.182
HONG KONG	45	24	28	97	0.158
BELGIUM	78	-	9	87	0.142
CANADA	68	6	12	86	0.140
SINGAPORE	76	4	6	86	0.140
FINLAND	26	1	56	83	0.135
AUSTRIA	38	1	2	41	0.067
ISRAEL	39	-	1	40	0.065
DENMARK	32	-	5	37	0.060
LIECHTENSTEIN	16	1	9	26	0.042
IRELAND	22	-	-	22	0.036
SPAIN	15	2	5	22	0.036
NORWAY	10	-	8	18	0.029
MALAYSIA	4	4	8	16	0.026
BAHAMAS	-	5	6	11	0.018
THAILAND	2	3	3	8	0.013
INDIA	4	3	1	8	0.013
NEW ZEALAND	5	2	-	7	0.011
BRAZIL	2	2	3	7	0.011
BERMUDA	5	0	1	6	0.010
LUXEMBOURG	5	-	-	5	0.008
SOUTH AFRICA	3	1	0	4	0.007
PHILIPPINES	2	1	-	3	0.005
RUSSIAN FEDERATION	-	-	2	2	0.003
GREECE	1	-	-	1	0.002
ARGENTINA	1	-	-	1	0.002
MEXICO	1	-	-	1	0.002
OTHERS	128	161	77	366	0.596
TOTAL	31,616	21,750	8,036	61,402	100.000

Note: The said chart is arranged from most to least in accordance with the individual sum.

5. Statistics on Patent Approval by Nationality in 2002

Nationality	Approval				
	Invention	Utility Model	Design	Total	Percentage
TAIWAN, REPUBLIC OF CHINA	5,683	15,265	3,898	24,846	55.162
JAPAN	8,237	421	970	9,628	21.376
UNITED STATES OF AMERICA	5,086	216	370	5,672	12.593
GERMANY	1,099	23	36	1,158	2.571
KOREA	703	23	29	755	1.676
NETHERLANDS	452	9	51	512	1.137
SWITZERLAND	364	7	126	497	1.103
FRANCE	259	5	67	331	0.735
UNITED KINGDOM	222	22	42	286	0.635
SWEDEN	243	8	33	284	0.631
ITALY	138	11	36	185	0.411
AUSTRALIA	84	9	2	95	0.211
AUSTRIA	60	3	30	93	0.206
SINGAPORE	57	3	13	73	0.162
FINLAND	21	-	52	73	0.162
HONG KONG	26	17	21	64	0.142
CANADA	51	8	3	62	0.138
ISRAEL	43	1	10	54	0.120
BELGIUM	41	1	-	42	0.093
DENMARK	33	1	7	41	0.091
CHINA	12	16	2	30	0.067
LUXEMBOURG	20	-	2	22	0.049
BRAZIL	2	1	17	20	0.044
LIECHTENSTEIN	12	-	7	19	0.042
SPAIN	9	4	5	18	0.040
NEW ZEALAND	5	1	3	9	0.020
MALAYSIA	7	1	1	9	0.020
THAILAND	3	1	4	8	0.018
INDIA	7	-	-	7	0.016
SOUTH AFRICA	6	-	-	6	0.013
NORWAY	2	-	2	4	0.009
HUNGARY	4	-	-	4	0.009
BAHAMAS	2	1	1	4	0.009
RUSSIAN FEDERATION	2	-	-	2	0.004
PHILIPPINES	-	2	-	2	0.004
BERMUDA	1	-	1	2	0.004
IRELAND	1	-	-	1	0.002
ARGENTINA	-	1	-	1	0.002
OTHERS	39	34	50	123	0.273
TOTAL	23,036	16,115	5,891	45,042	100.000

Note: The said chart is arranged from most to least in accordance with the individual sum.

6. 2002 Domestic Applied Patent Applicants List (Top 20)

Rank	Applicant	Number of Application			
		Invention	Utility Model	Design	Total
1	HON HAI PRECISION INDUSTRY CO., LTD.	253	719	192	1,164
2	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	475	136	0	611
3	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	526	11	0	537
4	VEUTRON CORPORATION	200	116	0	316
5	INVENTEC CORPORATION	228	86	0	314
6	VIA TECHNOLOGIES, INC.	248	47	1	296
7	MACRONIX INTERNATIONAL CO. LTD.	288	5	1	294
8	AU OPTRONICS CORP.	244	21	0	265
9	INVENTEC APPLIANCES CORP.	138	29	16	183
10	ADVANCED SEMICONDUCTOR ENGINEERING	149	29	0	178
11	HANNSTAR DISPLAY CORP.	43	22	106	171
12	DELTA ELECTRONICS, INC.	76	58	21	155
13	NANYA TECHNOLOGY CORPORATION	136	15	0	151
14	BENQ CORPORATION	86	33	25	144
15	QUANTA COMPUTER INC.	46	56	30	132
16	WINBOND ELECTRONICS CORP.	129	1	0	130
17	MITAC INTERNATIONAL CORP.	39	79	5	123
18	INSTITUTE FOR INFORMATION INDUSTRY	110	0	0	110
19	SILICON INTEGRATED SYSTEMS CORP.	99	3	0	102
20	MITAC TECHNOLOGY CORP.	35	51	13	99

Note: The said chart is arranged from most to least in accordance with the individual sum.

7. 2002 Domestic Approved Patent Applicants List (Top 20)

Rank	Applicant	Number of Approval			
		Invention	Utility Model	Design	Total
1	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	527	25	0	552
2	HON HAI PRECISION INDUSTRY CO., LTD.	35	337	111	483
3	UNITED MICROELECTRONICS CORP.	463	10	0	473
4	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	326	113	0	439
5	MACRONIX INTERNATIONAL CO. LTD.	218	9	1	228
6	INVENTEC CORPORATION	126	58	0	184
7	MITAC INTERNATIONAL CORP.	32	100	13	145
8	VEUTRON CORPORATION	63	61	0	124
9	DELTA ELECTRONICS, INC.	47	72	5	124
10	WINBOND ELECTRONICS CORP.	114	4	0	118
11	VIA TECHNOLOGIES, INC.	94	4	2	100
12	CHIPMOS TECHNOLOGIES INC.	46	53	0	99
13	ADVANCED SEMICONDUCTOR ENGINEERING	73	13	0	86
14	SILICONWARE PRECISION INDUSTRIES CO. LTD.	84	1	0	85
15	BENQ CORPORATION	45	16	16	77
16	SILICON INTEGRATED SYSTEMS CORP.	72	3	0	75
17	VANGUARD INTERNATIONAL SEMICONDUCTOR CORPORATION	72	1	0	73
18	MITAC TECHNOLOGY CORP.	13	53	4	70
19	FOXCONN PRECISION COMPONENTS CO., LTD.	2	64	2	68
20	NATIONAL SCIENCE COUNCIL	60	6	0	66

Note: The said chart is arranged from most to least in accordance with the individual sum.

8. 2002 Foreign Applied Patent Applicants List (Top 20)

Rank	Applicant	Number of Application			
		Invention	Utility Model	Design	Total
1	KONINKLIJKE PHILIPS ELECTRONICS N.V.	476	23	50	549
2	MITSUBISHI ELECTRIC CORPORATION	475	6	4	485
3	HITACHI CONSTRUCTION MACHINERY CO., LTD.	425	5	11	441
4	KABUSHIKI KAISHA TOSHIBA	360	10	67	437
5	MATSUSHITA ELECTRIC INDUSTRIAL SO., LTD.	338	4	85	427
6	SAMSUNG ELECTRONICS CO., LTD.	348	6	0	354
7	NEC CORPORATION	324	1	3	328
8	SONY CORPORATION	283	1	43	327
9	INTEL CORPORATION	306	0	0	306
10	INTERNATIONAL BUSINESS MACHINES CORPORATION	282	6	0	288
11	FUJITSU LIMITED	258	3	1	262
12	HEWLETT-PACKARD COMPANY	254	1	6	261
13	SANYO ELECTRIC CO., LTD	242	11	5	258
14	SHARP CORPORATION.	235	2	8	245
15	SEIKO EPSON CORPORATOIN	232	3	8	243
16	INFINEON TECHNOLOGIES AKTIENGESELLSCHAFT	236	0	1	237
17	HONDA ENGINEERING CO., LTD.	186	8	42	236
18	QUALCOMM, INCORPORATED	236	0	0	236
19	MOTOROLA INC.	204	0	26	230
20	APPLIED MATERIALS, INC.	204	0	0	204

Note: The said chart is arranged from most to least in accordance with the individual sum.

9. 2002 Foreign Approved Patent Applicants List (Top 20)

Rank	Applicant	Number of Approval			
		Invention	Utility Model	Design	Total
1	MATSUSHITA ELECTRIC INDUSTRIAL SO., LTD.	457	3	37	497
2	HITACHI, LTD.	434	4	10	448
3	MITSUBISHI ELECTRIC CORPORATION	407	8	9	424
4	NEC CORPORATION	413	0	0	413
5	INTERNATIONAL BUSINESS MACHINES CORPORATION	389	3	0	392
6	KABUSHIKI KAISHA TOSHIBA	329	6	22	357
7	SAMSUNG ELECTRONICS CO., LTD.	339	5	0	344
8	KONINKLIJKE PHILIPS ELECTRONICS N.V.	285	7	31	323
9	APPLIED MATERIALS, INC.	260	0	3	263
10	HONDA ENGINEERING CO., LTD.	172	33	42	247
11	SHARP CORPORATION	216	3	27	246
12	SONY CORPORATION (USA)	163	0	56	219
13	SANYO ELECTRIC CO., LTD	189	14	9	212
14	INFINEON TECHNOLOGIES AG	201	0	0	201
15	TOKYO ELECTRON LIMITED	178	1	8	187
16	SONY CORPORATION (JAPAN)	183	2	0	185
17	SEIKO EPSON CORPORATOIN	169	7	7	183
18	FUJITSU LIMITED	141	0	0	141
19	MOTOROLA INC.	128	0	1	129
20	CANON COMPANY	93	3	25	121

Note: The said chart is arranged from most to least in accordance with the individual sum.

D

Statistics on IC Layout Application and Certificate Issued

Year	Application	Certificate Issued
1996	243	40
1997	148	224
1998	125	204
1999	135	52
2000	102	150
2001	206	55
2002	76	91

II

• Cases Filed & Disposed of Trademark

A Cases Filed on Trademark (1978 ~ 2002)

Year	Application	Registration	Approval	Rejection
1978	20,572	14,178	16,662	4,570
1979	24,709	17,196	19,707	5,342
1980	32,183	20,483	21,817	5,000
1981	43,463	19,038	26,200	7,138
1982	42,819	35,102	34,835	12,656
1983	53,641	30,587	34,353	11,295
1984	62,968	39,236	41,563	21,245
1985	55,973	45,026	46,301	13,472
1986	64,772	45,106	45,245	18,459
1987	69,543	40,388	39,874	22,023
1988	60,788	42,114	46,467	19,063
1989	59,071	47,788	46,912	11,955
1990	56,925	44,033	45,475	14,087
1991	60,500	41,195	42,460	15,402
1992	64,394	39,301	42,368	15,304
1993	64,799	50,773	53,707	12,681
1994	67,641	44,287	42,114	9,870
1995	63,797	41,416	43,797	6,219
1996	67,063	44,973	50,657	7,272
1997	70,502	57,541	53,973	9,306
1998	69,371	49,512	54,257	9,875
1999	73,212	60,302	56,764	7,665
2000	88,002	52,954	68,168	6,543
2001	59,158	76,413	75,731	9,467
2002	61,729	70,842	64,032	9,253

Note: 1. The figures that are presented under "Application" are calculated base on the total number of registration applications collected in that year.

2. The figures that are presented under "Publication", "Approval" and "Rejection" are calculated base on the total number of cases published in that year.

B Statistic on Trademark from 1993 to 2003

1. Statistic on Application (1993 ~2002)

Year	Application	Opposition	Review	Cancellation
1993	64,799	1,614	537	413
1994	67,641	1,355	506	364
1995	63,797	1,483	475	251
1996	67,063	1,732	579	246
1997	70,502	1,833	570	284
1998	69,371	1,587	563	267
1999	73,212	1,782	503	234
2000	88,002	1,871	511	206
2001	59,158	2,051	439	268
2002	61,729	2,081	577	256

Year	Extension	License	Assignment	Alteration
1993	11,980	3,413	5,392	8,324
1994	14,438	3,060	7,325	7,830
1995	13,091	2,871	5,667	7,846
1996	13,652	2,668	8,193	7,166
1997	21,740	3,188	5,958	7,028
1998	15,283	2,542	7,376	7,558
1999	14,346	3,824	7,422	7,418
2000	19,402	2,300	8,872	7,561
2001	15,284	2,549	6,935	8,650
2002	17,896	3,215	8,607	8,059

Note: 1. The figures shown above reflect the total number of applications.

2. The term, "Application" , includes applications for Certification Mark 、Collective Membership Mark and Collective Trademark.

3. The term, "License" , begins in 2000, includes applications for sub-license.

4. The term, "Alteration" , begins in 2001, includes applications for "goods/service reduction" .

2. Statistic on Disposed of Opposition for Trademark (1993 ~ 2002)

Year	Sustained	Non-sustained	Others
1993	900	569	239
1994	657	441	188
1995	776	545	162
1996	957	577	171
1997	836	573	234
1998	862	636	237
1999	483	601	186
2000	723	763	240
2001	1196	817	316
2002	1450	593	311

Note: 1. The chart is arranged based on number of cases disposed in that year.

2. The term, "Others", includes rejection, revocation, and other types of rejection.

3. Statistic on Disposed of Review for Trademark (1993 ~ 2002)

Year	Sustained	Non-sustained	Others
1993	236	212	83
1994	221	166	88
1995	233	174	128
1996	251	220	89
1997	263	173	55
1998	211	227	105
1999	295	202	48
2000	239	192	91
2001	234	174	72
2002	354	164	60

Note: 1. The chart is arranged based on number of cases disposed in that year.

2. The term, "Others", includes rejection, revocation, and other types of rejection.

4. Statistic on Disposed of Cancellation for Trademark (1993 ~ 2002)

Year	Sustained	Non-sustained	Others
1993	104	48	281
1994	88	39	279
1995	102	13	238
1996	63	49	130
1997	114	39	101
1998	86	39	150
1999	147	39	94
2000	96	59	82
2001	189	51	59
2002	168	58	52

Note: 1. The chart is arranged based on number of cases disposed in that year.

2. The term, "Others", includes rejection, revocation, and other types of rejection.

5. Statistic on Domestic and Foreign Trademark Application (1993 to 2002)

Item Year	Domestic	Foreign
1993	51,687	13,112
1994	53,640	14,001
1995	49,091	14,706
1996	51,734	15,329
1997	53,526	16,976
1998	53,417	15,954
1999	56,933	16,279
2000	64,683	23,319
2001	41,299	17,859
2002	45,403	16,326

6. Statistic on Domestic and Foreign Trademark registration (1993 to 2002)

Item Year	Domestic	Foreign
1993	40,102	10,671
1994	32,145	12,142
1995	32,207	9,209
1996	34,916	10,057
1997	43,991	13,550
1998	37,465	12,047
1999	45,734	14,568
2000	40,650	12,304
2001	56,785	19,628
2002	49,151	21,691

C Statistics on Trademark by Classification and Nationality

1. Statistics on Trademark Application and Registration by Classification

Class	Application			Registration		
	2000	2001	2002	2000	2001	2002
Total	87,856	59,021	61,586	52,860	76,295	70,696
1	1,266	992	1,114	781	1,226	1,298
2	415	311	292	245	447	356
3	4,371	3,449	4,185	2,570	4,302	3,694
4	527	343	446	265	526	477
5	4,738	3,803	4,714	3,033	4,146	5,102
6	1,103	791	742	560	1,011	1,175
7	1,880	1,310	1,394	1,398	1,946	1,641
8	690	451	421	624	695	511
9	9,406	6,445	6,022	5,949	8,749	7,879
10	989	802	970	745	909	736
11	1,894	1,325	1,348	1,467	1,747	1,593
12	1,862	1,304	1,250	1,215	1,747	1,448
13	53	71	49	45	40	75
14	1,212	755	783	933	995	809
15	116	70	95	71	103	101
16	3,762	2,553	2,379	2,177	3,325	3,361
17	506	412	339	544	530	356
18	1,571	1,083	1,104	972	1,534	1,196
19	552	354	374	685	454	539
20	1,315	824	860	723	1,259	1,015
21	1,489	994	974	1,189	1,199	1,319
22	164	100	102	91	153	133
23	156	89	91	89	159	112
24	1,126	828	742	502	1,108	969
25	5,301	3,594	3,778	2,672	5,535	3,585
26	385	258	242	188	411	357
27	195	100	110	111	178	128
28	1,872	1,256	1,308	1,201	2,061	1,297
29	2,787	2,458	2,607	1,736	2,560	2,959
30	4,503	3,836	4,267	3,018	4,162	3,712
31	704	504	646	556	749	640
32	1,884	1,446	1,820	1,266	1,787	1,332
33	747	490	879	464	656	595
34	241	221	269	236	305	209
35	8,703	4,562	4,418	5,090	6,500	5,589
36	1,482	772	617	598	926	1,052
37	1,476	795	725	1,007	1,117	1,146
38	3,148	1,111	825	698	1,834	2,128
39	863	568	468	443	546	810
40	400	257	331	237	309	400
41	3,515	1,947	2,081	2,369	2,509	2,382
42	8,487	5,387	3,140	4,097	5,840	6,480
43	—	—	1,606	—	—	0
44	—	—	523	—	—	0
45	—	—	136	—	—	0

Note: Class 43 to 45 was added as of April 12, 2002.

2. 2002 Statistics on Trademark Application by Nationality

Nationality	Application	Percentage	Nationality	Application	Percentage
TAIWAN, REPUBLIC OF CHINA	45,403	73.552	CZECH REPUBLIC	15	0.024
UNITED STATES OF AMERICA	4,569	7.402	LIECHTENSTEIN	15	0.024
JAPAN	4,084	6.616	SOUTH AFRICA	14	0.023
GERMANY	1,252	2.028	CAYMAN ISLANDS	14	0.023
FRANCE	807	1.307	NORWAY	13	0.021
SWITZERLAND	794	1.286	PHILIPPINES	12	0.019
UNITED KINGDOM	718	1.163	VIETNAM	11	0.018
HONG KONG	513	0.831	UNITED ARAB EMIRATES	10	0.016
ITALY	434	0.703	PUERTO RICO	10	0.016
CHINA	403	0.653	NEPAL	9	0.015
KOREA	282	0.457	MONACO	9	0.015
NETHERLANDS	274	0.444	CHILE	7	0.011
SINGAPORE	230	0.373	QATAR	5	0.008
AUSTRALIA	177	0.287	HUNGARY	4	0.006
CANADA	152	0.246	SAMOA	4	0.006
SWEDEN	114	0.185	ARGENTINA	3	0.005
BELGIUM	106	0.172	MACAU	3	0.005
THAILAND	87	0.141	MAURITIUS	3	0.005
VIRGIN ISLANDS (BRITISH)	84	0.136	POLAND	3	0.005
LUXEMBOURG	84	0.136	RUSSIAN FEDERATION	2	0.003
MALAYSIA	71	0.115	TURKEY	2	0.003
NEW ZEALAND	69	0.112	LEBANON	2	0.003
SPAIN	67	0.109	VENEZUELA	1	0.002
FINLAND	67	0.109	URUGUAY	1	0.002
DENMARK	65	0.105	SYRIAN ARAB REPUBLIC	1	0.002
AUSTRIA	57	0.092	SRI LANKA	1	0.002
BAHAMAS	33	0.053	SAUDI ARABIA	1	0.002
IRELAND	32	0.052	ROMANIA	1	0.002
ISRAEL	30	0.049	PANAMA	1	0.002
PORTUGAL	26	0.042	MOROCCO	1	0.002
BERMUDA	26	0.042	IRAN (ISLAMIC REPUBLIC OF)	1	0.002
INDIA	22	0.036	HONDURAS	1	0.002
INDONESIA	22	0.036	GRENADA	1	0.002
MEXICO	22	0.036	CUBA	1	0.002
BRAZIL	21	0.034	COLOMBIA	1	0.002
BARBADOS	21	0.034	OTHERS	310	0.502
ARUBA	18	0.029			
subtotal			Percentage		
Domestic	45,403			73.55	
Foreign	16,326			26.45	
Total	61,729			100.00	

Note: The said chart is arranged from most to least in accordance with the individual number.

3. 2002 Statistics on Trademark Registration by Nationality

Nationality	Registration	Percentage	Nationality	Application	Percentage
TAIWAN, REPUBLIC OF CHINA	49,151	69.381	PORTUGAL	13	0.018
UNITED STATES OF AMERICA	6,569	9.273	BAHAMAS	12	0.017
JAPAN	4,518	6.378	BRUNEI DARUSSALAM	10	0.014
GERMANY	1,793	2.531	CZECH REPUBLIC	10	0.014
FRANCE	1,360	1.920	MACAU	10	0.014
SWITZERLAND	1,164	1.643	ARUBA	9	0.013
UNITED KINGDOM	1,058	1.493	ECUADOR	9	0.013
HONG KONG	719	1.015	ARGENTINA	8	0.011
ITALY	465	0.656	CUBA	8	0.011
SINGAPORE	446	0.630	PHILIPPINES	8	0.011
NETHERLANDS	386	0.545	PUERTO RICO	8	0.011
VIRGIN ISLANDS (BRITISH)	376	0.531	HUNGARY	7	0.010
KOREA, REPUBLIC OF	224	0.316	KUWAIT	7	0.010
CHINA	218	0.308	SRI LANKA	7	0.010
SWEDEN	211	0.298	SAUDI ARABIA	7	0.010
CANADA	199	0.281	MONACO	6	0.008
CAYMAN ISLANDS	160	0.226	COOK ISLANDS	5	0.007
AUSTRALIA	157	0.222	COLOMBIA	5	0.007
FINLAND	133	0.188	TURKEY	5	0.007
BELGIUM	100	0.141	URUGUAY	5	0.007
SPAIN	90	0.127	CYPRUS	4	0.006
MALAYSIA	86	0.121	GREECE	4	0.006
NEW ZEALAND	77	0.109	LEBANON	4	0.006
LUXEMBOURG	76	0.107	MALTA	4	0.006
IRELAND	74	0.104	VANUATU	4	0.006
DENMARK	70	0.099	POLAND	3	0.004
NORWAY	70	0.099	PANAMA	3	0.004
AUSTRIA	69	0.097	NETHERLANDS ANTILLES	2	0.003
BERMUDA	61	0.086	BARBADOS	2	0.003
SOUTH AFRICA	61	0.086	BULGARIA	2	0.003
ISRAEL	52	0.073	UNITED ARAB EMIRATES	1	0.001
THAILAND	41	0.058	JAMAICA	1	0.001
LIECHTENSTEIN	36	0.051	OMAN	1	0.001
INDONESIA	35	0.049	PARAGUAY	1	0.001
BRITISH INDIAN OCEAN TERRITORY	24	0.034	SLOVAKIA	1	0.001
INDIA	18	0.025	DOMINICA	1	0.001
MEXICO	17	0.024	VIETNAM	1	0.001
MAURITIUS	15	0.021	SAMOA	1	0.001
BRAZIL	13	0.018	OTHERS	238	0.336
CHILE	13	0.018			
subtotal			Percentage		
Domestic	49,151			69.38	
Foreign	21,691			30.62	
Total	70,842			100.00	

Note: The said chart is arranged from most to least in accordance with the individual number.

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Statistics on Certification Mark
and Collective Membership Mark (1994 to 2002)

Year	Certification Mark		Collective Membership Mark	
	Application	Registration	Application	Registration
1994	12	0	128	0
1995	9	11	74	112
1996	13	3	85	59
1997	8	6	91	73
1998	14	3	95	49
1999	13	10	100	36
2000	29	6	117	76
2001	27	32	110	68
2002	34	14	109	112