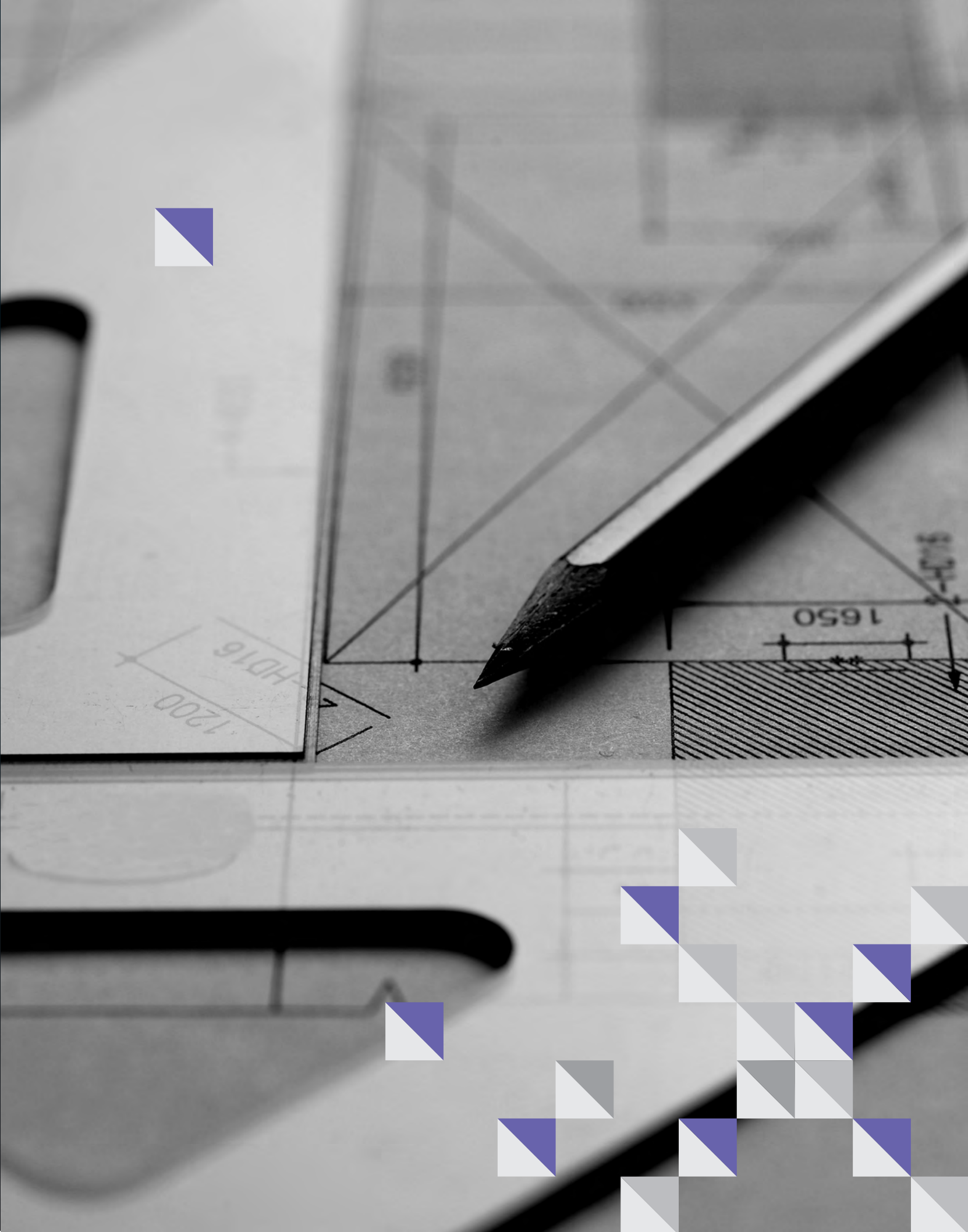


Statistical Data





1200
HD16

1650
9124-3



Applications

Application by IPR type

[unit : cases]

IPR type	2004	2005	2006	2007	2008	2009
Patents	140,115	160,921	166,189	172,469	170,632	163,523
Utility models	37,753	37,175	32,908	21,084	17,405	17,114
Subtotal	177,868	198,096	199,097	193,553	188,037	180,667
Industrial designs	41,184 (42,879)	45,222 (46,615)	51,039 (52,879)	54,362 (55,662)	56,750 (58,912)	57,903 (59,537)
Trademarks	108,464 (147,319)	115,889 (156,270)	122,384 (164,432)	132,288 (180,257)	127,910 (178,211)	126,420 (162,682)
Total	327,516(368,066)	359,207(400,981)	372,520(416,408)	380,203 (429,472)	372,697 (425,160)	364,990 (402,886)

Note: Figures in parentheses include multiple applications.

PCT applications

[unit : cases]

Year	2004	2005	2006	2007	2008	2009
Number of applications	3,565	4,690	5,919	7,063	7,911	8,026
Growth rate (%)	21.2	31.6	26.2	19.3	12.0	1.5

Note: Based on KIPO statistics.

International trademark applications under the Madrid Protocol

[unit : cases]

Period	Office of origin	Designated office
2005	154	6,699
2006	208	8,483
2007	283	9,072
2008	216	9,745
2009	280	7,824

Note: KIPO started receiving international trademark applications under the Madrid Protocol on April 10, 2003.

Applications

Comparison of domestic and foreign applications

[unit : cases, %]

Classification		2005	2006	2007	2008	2009	Portion of total applications in 2009
Domestic	Patents	122,188	125,476	128,701	127,114	127,316	34.9%
	Utility models	36,534	32,193	20,632	16,971	16,801	4.6%
	Industrial Designs	41,918	48,018	50,868	52,786	54,934	15.1%
		(43,247)	(49,766)	(52,055)	(54,278)	(56,391)	14.0%
	Trademarks	99,435	105,544	112,157	107,487	108,170	29.6%
		(129,635)	(136,590)	(147,489)	(144,920)	(134,019)	33.3%
Total	300,075	311,231	312,358	304,358	307,221	84.2%	
	(331,604)	(344,025)	(348,877)	(343,283)	(334,527)	83.0%	
Foreign	Patents	38,733	40,713	43,768	43,518	36,207	9.9%
	Utility models	641	715	452	434	343	0.1%
	Industrial Designs	3,304	3,021	3,494	3,964	2,969	0.8%
		(3,368)	(3,113)	(3,607)	(4,634)	(3,146)	0.8%
	Trademarks	16,454	16,840	20,131	20,423	18,250	5.0%
		(26,635)	(27,842)	(32,768)	(33,291)	(28,663)	7.1%
Total	59,132	61,289	67,845	68,339	57,769	15.8%	
	(69,377)	(72,383)	(80,595)	(81,877)	(68,359)	17.0%	

Note: Figures in parentheses include multiple applications.

Applications

Patent applications by technological field

[unit : cases, %]

Classification	Patents			Utility models		
	Domestic	Foreign	Total	Domestic	Foreign	Total
Agriculture	1,975 (1.6%)	123 (0.3%)	2,098 (1.3%)	762 (4.5%)	2 (0.6%)	764 (4.5%)
Foodstuffs and tobacco	2,875 (2.3%)	290 (0.8%)	3,165 (1.9%)	188 (1.1%)	3 (0.9%)	191 (1.1%)
Personal of domestic articles	5,109 (4.0%)	444 (1.2%)	5,553 (3.4%)	3575 (21.3%)	55 (16.0%)	3630 (21.2%)
Health and amusement	4,896 (3.8%)	1,402 (3.9%)	6,298 (3.9%)	1348 (8.0%)	27 (7.9%)	1375 (8.0%)
Preparations for medical, dental, or toilet purposes	2,333 (1.8%)	1,614 (4.5%)	3,947 (2.4%)	13 (0.1%)		13 (0.1%)
Separating and mixing	3,280 (2.6%)	932 (2.6%)	4,212 (2.6%)	329 (2.0%)		329 (1.9%)
Shaping	2,593 (2.0%)	655 (1.8%)	3,248 (2.0%)	229 (1.4%)	11 (3.2%)	240 (1.4%)
Grinding and polishing	3,229 (2.5%)	882 (2.4%)	4,111 (2.5%)	455 (2.7%)	11 (3.2%)	466 (2.7%)
Printing	1,116 (0.9%)	243 (0.7%)	1,359 (0.8%)	478 (2.8%)	5 (1.5%)	483 (2.8%)
Transporting	8,818 (6.9%)	1,551 (4.3%)	10,369 (6.3%)	2071 (12.3%)	27 (7.9%)	2098 (12.2%)
Micro structural technology, nano technology	505 (0.4%)	91 (0.3%)	596 (0.4%)			
Chemistry	2,693 (2.1%)	768 (2.1%)	3,461 (2.1%)	87 (0.5%)	1 (0.3%)	88 (0.5%)
Organic chemistry	1,228 (1.0%)	2,853 (7.9%)	4,081 (2.5%)	1 (0.0%)		1 (0.0%)
Organic macromolecular compounds	1,412 (1.1%)	1,538 (4.2%)	2,950 (1.8%)			1 (0.0%)
Dyes, petroleum, and animal and vegetable oils	1,952 (1.5%)	1,234 (3.4%)	3,186 (1.9%)	49 (0.3%)	1 (0.3%)	50 (0.3%)
Biochemistry	1,608 (1.3%)	492 (1.4%)	2,100 (1.3%)	9 (0.1%)		9 (0.1%)
Metallurgy	1,624 (1.3%)	870 (2.4%)	2,494 (1.5%)	33 (0.2%)	2 (0.6%)	35 (0.2%)

Applications

[unit : cases, %]

Classification	Patents			Utility models		
	Domestic	Foreign	Total	Domestic	Foreign	Total
Textiles or flexible materials	1,895 (1.5%)	335 (0.9%)	2,230 (1.4%)	158 (0.9%)	10 (2.9%)	168 (1.0%)
Paper	183 (0.1%)	75 (0.2%)	258 (0.2%)	14 (0.1%)		14 (0.1%)
Building	7,968 (6.3%)	409 (1.1%)	8,377 (5.1%)	1767 (10.5%)	18 (5.2%)	1785 (10.4%)
Earth or rock drilling, Mining	307 (0.2%)	29 (0.1%)	336 (0.2%)	25 (0.1%)		25 (0.1%)
Engines and pumps	2,741 (2.2%)	876 (2.4%)	3,617 (2.2%)	218 (1.3%)	10 (2.9%)	228 (1.3%)
Engineering in general	2,206 (1.7%)	750 (2.1%)	2,956 (1.8%)	462 (2.7%)	12 (3.5%)	474 (2.8%)
Lighting and Heating	5,875 (4.6%)	530 (1.5%)	6,405 (3.9%)	1003 (6.0%)	25 (7.3%)	1028 (6.0%)
Weapons and Blasting	234 (0.2%)	45 (0.1%)	279 (0.2%)	41 (0.2%)		41 (0.2%)
Instruments	8,258 (6.5%)	2,871 (7.9%)	11,129 (6.8%)	490 (2.9%)	18 (5.2%)	508 (3.0%)
Horology and Computing	11,982 (9.4%)	2,441 (6.7%)	14,423 (8.8%)	493 (2.9%)	24 (7.0%)	517 (3.0%)
Education and Information storage	3,847 (3.0%)	1,025 (2.8%)	4,872 (3.0%)	477 (2.8%)	7 (2.0%)	484 (2.8%)
Nucleonics	236 (0.2%)	49 (0.1%)	285 (0.2%)	11 (0.1%)		11 (0.1%)
Electric elements and Electric techniques	16,727 (13.1%)	5,996 (16.6%)	22,723 (13.9%)	983 (5.9%)	51 (14.9%)	1034 (6.0%)
Electric circuitry and Electric communication techniques	13,878 (10.9%)	4,302 (11.9%)	18,180 (11.1%)	332 (2.0%)	15 (4.4%)	347 (2.0%)
Others	3,733 (2.9%)	492 (1.4%)	4,225 (2.6%)	699 (4.2%)	8 (2.3%)	707 (4.1%)
Total	127,316 (100.0%)	36,207 (100.0%)	163,523 (100.0%)	16,801 (100.0%)	343 (100.0%)	17,144 (100.0%)

Applications

Patent applications in biotechnology

[unit : cases, %]

Classification	2005	2006	2007	2008	2009
Domestic	2,295 (64.3%)	2,606 (71.1%)	3,295 (67.5%)	3,398 (67.1%)	3,453 (74.4%)
Foreign	1,272 (35.7%)	1,058 (28.9%)	1,587 (32.5%)	1,669 (32.9%)	1,191 (25.6%)
Total	3,567	3,664	4,882	5,067	4,644

Note: Based on the following biotechnological categories of the Eighth Edition of the International Patent Classification: A01H; A01K 67/00-67/04; A01N 63/00-65/00; A61K 8/97-8/99; A61K 8/64-8/68; A61K 35/12-35/76; 36/00-36/9068; A61K 38/00-38/58, 39/00-39/44, 48/00, 51/00-51/10; C02F 3/00-3/34, 11/02-11/04; C07H 19/00-21/04; C07K; C12C-M; C12N; C12P; C12Q; C12S; G01N 33/50-33/98.

Patent Applications in business methods

[unit : cases, %]

Classification	2005	2006	2007	2008	2009
Domestic	4,205 (89.2%)	5,248 (87.3%)	6,280 (86.4%)	4,788 (87.8%)	4,903 (94.2%)
Foreign	663 (10.8%)	727 (12.7%)	603 (13.6%)	375 (12.2%)	301 (5.8%)
Total	4,868	5,975	6,883	5,163	5,204

Note: Data for 2005-2007 are based on the following categories of the ninth Edition of the International Patent Classification: G06F 17/00, 17/30, 19/00, G06Q. The data for 2008 are based on G06Q.

Applications

Applications by residents of foreign countries in 2009

[unit : cases]

Countries	Patents	Utility models	Designs	Trademarks	Total
Algeria	1				1
Andorra	1				1
Antigua and Barbuda				1	1
Antilles				9	9
Argentina	1			30	31
Australia	141		52	151	344
Austria	141	2	4	35	182
Bahamas	7			2	9
Barbados	10		4	12	26
Belarus	2				2
Belgium	202		18	40	260
Belize	1				1
Brazil	24		2	24	50
Brunei	1			1	2
Bulgaria				3	3
Bermuda	18			42	60
Canada	392	5	42	202	641
Cayman Islands	20		3	177	200
Chile				60	60
China	426	56	43	520	1,045
Colombia	4			7	11
Croatia	3				3
Cuba	6			26	32
Cyprus	6			13	19
Czech Republic	11			14	25
Denmark	125		29	70	224
Egypt				1	1
Estonia	2		1		3
Finland	393		21	34	448
France	1,441	3	56	912	2,412
Germany	3,002	7	123	1,095	4,227
Gibraltar	1			5	6
Greece	7			2	9
Hong Kong	8			63	71
Hungary	27			25	52

Applications

[unit : cases]

Countries	Patents	Utility models	Designs	Trademarks	Total
Iceland	7			4	11
India	97			7	104
Indonesia				45	45
Iran				1	1
Ireland	94		2	58	154
Israel	218		4	40	262
Italy	305		59	444	808
Jamaica				3	3
Japan	14,168	23	1,205	4,397	19,793
Jersey				1	1
Jordan				2	2
Kazakhstan		3			3
Kuwait				2	2
Latvia	3				3
Lebanon				1	1
Liechtenstein	15	1	31	33	80
Luxembourg	63			80	143
Macao				3	3
Malaysia	15		8	46	69
Malta	6			1	7
Mauritius	4			18	22
Mexico	12			21	33
Monaco				20	20
Mongolia				4	4
Nepal				2	2
Netherlands	955		65	330	1,350
New Caledonia				3	3
New Zealand	22		1	60	83
Nigeria				1	1
Niue				2	2
Norway	73		5	28	106
Pakistan				2	2
Panama	4			5	9
Paraguay				1	1

Applications

[unit : cases]

Countries	Patents	Utility models	Designs	Trademarks	Total
Peru				1	1
Philippines	2		1	10	13
Poland	8			10	18
Portugal	11			12	23
Qatar				1	1
Russian Federation	23			3	26
Saint Lucia				3	3
Saudi Arabia	15			39	54
Scotland				1	1
Seychelles	2				2
Singapore	97		4	133	234
Slovakia	1			1	2
Slovenia	1				1
South Africa	27			12	39
Spain	71		2	80	153
Sri Lanka				2	2
Sweden	614		53	152	819
Switzerland	1,089		56	817	1,962
Syrian Arab Republic				2	2
French polynesia				2	2
Taiwan	391	219	75	352	1,037
Thailand	6			44	50
Trinidad and Tobago	1				1
Turkey	10			14	24
USA	10,728	23	957	6,510	18,218
Ukraine	2				2
United Arab Emirates				11	11
United Kingdom	586		40	727	1,353
Uruguay				2	2
VietNam				6	6
Virgin Islands	34	1		59	94
others	3		3	3	9
Total	36,207	343	2,969	18,250	57,769

Examinations

Patents and utility models

[unit : cases]

		First action				Total	Final decisions			Total
		Approval of registration	Notice of preliminary rejection or amendment	Other notices	Withdrawal or abandonment		Approval of registration	Rejection or cancellation	Withdrawal abandonment, annulment or rejection	
Patents	2005	21,860	106,096	410	2,749	131,115	78,397	36,946	2,749	118,092
	2006	39,440	151,365	912	3,678	195,395	127,298	43,655	3,678	174,631
	2007	26,801	96,997	693	4,656	129,147	112,344	35,417	4,656	152,417
	2008	12,190	79,461	505	3,348	95,504	72,161	33,388	3,348	108,897
	2009	7,682	83,280	491	2,847	94,300	52,728	33,697	2,847	89,272
Utility Models	2005	2	15			17	84	74		158
	2006		10			10	3	4		7
	2007	1,953	5,374	15		7,342	2,714	919	0	3,633
	2008	1,713	10,236	73	686	12,708	5,267	6,313	686	12,266
	2009	958	9,222	47	505	10,732	4,202	6,084	505	10,791

Examinations

Industrial designs and trademarks

[unit : cases]

		First action				Final decisions			
		Publication or approval of registration	Notice of preliminary rejection	Other notices	Total	Approval of registration	Rejection	Total	
Industrial designs	2005	26,760	14,030	30	40,820	37,226	4,707	41,933	
		(27,505)	(14,452)	(30)	(41,987)	(38,369)	(4,828)	(43,197)	
	2006	30,204	16,053	124	46,381	40,562	4,814	45,376	
		(31,335)	(16,910)	(124)	(48,369)	(42,183)	(5,028)	(47,211)	
	2007	32,604	23,850	130	56,584	44,948	8,171	53,119	
		(33,758)	(24,694)	(135)	(58,587)	(46,539)	(8,460)	(54,999)	
	2008	26,111	23,912	94	50,117	41,337	8,849	50,186	
		(26,844)	(24,549)	(99)	(51,492)	(42,466)	(9,048)	(51,514)	
	2009	22,060	19,424		41,484	34,321	7,684	42,005	
		(23,404)	(20,365)		(43,769)	(36,179)	(7,999)	(44,178)	
	Trademarks	2005	61,382	62,101	1,409	124,892	86,036	39,467	125,503
			(80,128)	(88,864)	(2,008)	(171,000)	(121,552)	(45,002)	(166,554)
2006		68,253	58,809	1,395	128,457	92,916	32,969	125,885	
		(88,931)	(81,126)	(1,988)	(172,045)	(130,175)	(40,351)	(170,526)	
2007		60,950	65,515	1,244	127,709	88,079	27,368	115,447	
		(82,020)	(88,164)	(1,674)	(171,858)	(118,528)	(36,829)	(155,357)	
2008		59,938	57,537	321	117,796	94,065	29,994	124,059	
		(79,197)	(83,007)	(493)	(162,697)	(133,297)	(36,210)	(169,507)	
2009		54,376	35,262		89,638	74,285	19,129	93,414	
		(63,285)	(45,960)		(109,245)	(92,013)	(23,138)	(115,151)	

Note: Figures in parentheses include multiple applications.

Pendency period

Average first action pendency period for patents and utility models

[Unit : month]

Year	2004	2005	2006	2007	2008	2009
Months	21.0	17.6	9.8	9.8	12.1	15.4

Average total pendency period for patents and utility models

[Unit : month]

Year	2004	2005	2006	2007	2008	2009
Months	28.8	25.5	19.7	15.0	17.4	22.2

Average first action pendency period for trademarks

[Unit : month]

Year	2004	2005	2006	2007	2008	2009
Months	9.6	7.3	5.9	5.7	6.5	9.7

Average total pendency period for trademarks

[Unit : month]

Year	2004	2005	2006	2007	2008	2009
Months	12.3	10.6	8.9	8.7	9.2	13.0

Average first action pendency period for international trademarks

[Unit : month]

Year	2004	2005	2006	2007	2008	2009
Months	7.2	8.8	8.8	8.9	7.6	9.1

Pendency period

Average total pendency period for international trademarks

[Unit : month]

Year	2004	2005	2006	2007	2008	2009
Months	13.1	13.5	13.9	15.3	15.1	14.3

Average first action pendency period for designs

[Unit : month]

Year	2004	2005	2006	2007	2008	2009
Months	6.8	6.7	5.9	5.5	5.6	9.0

Average total pendency period for designs

[Unit : month]

Year	2004	2005	2006	2007	2008	2009
Months	7.3	8.2	6.7	6.3	7.1	10.5

International search reports and International preliminary examination reports

Year	ISRs	IPERs
2002	2,148	1,135
2003	2,315	1,310
2004	2,913	1,035
2005	3,649	842
2006	4,753	639
2007	8,280	586
2008	12,936	474
2009	16,926	362

Registrations

Registrations by IPR type

[unit : cases]

IPR type	2002	2003	2004	2005	2006	2007	2008	2009	Percentage change for 2009[%]
Patents	45,298	44,165	49,068	73,512	120,790	123,705	83,523	56,732	△32.1
Utility models	39,957	37,272	34,182	32,716	29,736	2,795	4,975	3,949	△20.6
Subtotal	85,255	81,437	83,250	106,228	150,526	126,500	88,498	60,681	△31.4
Industrial designs	27,235	28,380	31,021	33,993	34,206	40,745	39,858	32,091	△19.5
Trademarks	40,588	46,023	51,104	57,873	65,825	60,361	65,583	53,155	△20
Total	153,078	155,840	165,375	198,094	250,557	227,606	193,939	145,927	△24.8

Note: Trademark registration renewals are excluded.

Comparison of domestic and foreign registrations

[unit : cases]

Classification		2005	2006	2007	2008	2009	Potion of total registrations on 2009
Domestic	Patents	53,419	89,303	91,645	61,115	42,129	28.9%
	Utility models	32,104	29,031	2,739	4,875	3,880	2.7%
	Designs	31,040	31,503	37,631	36,645	29,628	20.3%
		(32,052)	(32,795)	(38,608)	(37,406)	(30,806)	(18.3%)
	Trademarks	46,683	52,827	48,266	50,927	38,538	26.4%
		(57,256)	(63,340)	(56,919)	(59,607)	(45,426)	(27.0%)
	Total	163,246	202,664	180,281	153,562	114,175	78.2%
		(174,831)	(214,469)	(189,911)	(163,003)	(122,241)	(72.6%)
Foreign	Patents	20,093	31,487	32,060	22,408	14,603	10.0%
	Utility models	612	705	56	100	69	0.0%
	Designs	2,953	2,703	3,114	3,213	2,463	1.7%
		(3,006)	(2,762)	(3,184)	(3,494)	(2,915)	(1.7%)
	Trademarks	11,190	12,998	12,095	14,656	14,617	10.0%
		(18,635)	(22,107)	(20,927)	(26,552)	(28,478)	(16.9%)
	Total	34,848	7,893	47,325	40,377	31,752	21.8%
		(42,346)	(57,061)	(56,227)	(52,554)	(46,065)	(27.4%)

Note: Figures in parentheses include multiple applications

Registrations

Patent registrations by technological field

[unit : cases, %]

Classification	Patents			Utility models		
	Domestic	Foreign	Total	Domestic	Foreign	Total
Agriculture	609 (1.4%)	56 (0.4%)	665 (1.2%)	208 (5.4%)	(0.0%)	208 (5.3%)
Biochemistry	447 (1.1%)	195 (1.3%)	642 (1.1%)	4 (0.1%)	(0.0%)	4 (0.1%)
Building	2,626 (6.2%)	95 (0.7%)	2,721 (4.8%)	464 (12.0%)	1 (1.4%)	465 (11.8%)
Chemistry	1,095 (2.6%)	243 (1.7%)	1,338 (2.4%)	31 (0.8%)	(0.0%)	31 (0.8%)
Dyes, Petroleum etc.	625 (1.5%)	329 (2.3%)	954 (1.7%)	3 (0.1%)	(0.0%)	3 (0.1%)
Earth or rock drilling and Mining	130 (0.3%)	12 (0.1%)	142 (0.3%)	7 (0.2%)	(0.0%)	7 (0.2%)
Education and Information storage	1,880 (4.5%)	895 (6.1%)	2,775 (4.9%)	116 (3.0%)	(0.0%)	116 (2.9%)
Electric circuitry and Electric communication techniques	4,939 (11.7%)	2,321 (15.9%)	7,260 (12.8%)	92 (2.4%)	5 (7.2%)	97 (2.5%)
Electric elements and Electric techniques	6,601 (15.7%)	2,832 (19.4%)	9,433 (16.6%)	356 (9.2%)	15 (21.7%)	371 (9.4%)
Engineering in general	892 (2.1%)	302 (2.1%)	1,194 (2.1%)	104 (2.7%)	3 (4.3%)	107 (2.7%)
Engines and pumps	694 (1.6%)	316 (2.2%)	1,010 (1.8%)	54 (1.4%)	2 (2.9%)	56 (1.4%)
Foodstuffs and Tobacco	1,005 (2.4%)	99 (0.7%)	1,104 (1.9%)	42 (1.1%)	1 (1.4%)	43 (1.1%)
Grinding and Polishing	1,134 (2.7%)	317 (2.2%)	1,451 (2.6%)	122 (3.1%)	1 (1.4%)	123 (3.1%)
Health and Amusement	1,471 (3.5%)	501 (3.4%)	1,972 (3.5%)	301 (7.8%)	5 (7.2%)	306 (7.7%)
Horology and Computing	3,202 (7.6%)	1,038 (7.1%)	4,240 (7.5%)	111 (2.9%)	3 (4.3%)	114 (2.9%)
Instruments	3,361 (8.0%)	1,268 (8.7%)	4,629 (8.2%)	175 (4.5%)	7 (10.1%)	182 (4.6%)
Lighting and Heating	1,706 (4.0%)	187 (1.3%)	1,893 (3.3%)	237 (6.1%)	7 (10.1%)	244 (6.2%)
Metallurgy	631 (1.5%)	223 (1.5%)	854 (1.5%)	14 (0.4%)	(0.0%)	14 (0.4%)
Microstructural technology and Nanotechnology	80 (0.2%)	11 (0.1%)	91 (0.2%)	(0.0%)	(0.0%)	(0.0%)
Nucleonics	130 (0.3%)	14 (0.1%)	144 (0.3%)	10 (0.3%)	(0.0%)	10 (0.3%)
Organic chemistry	388 (0.9%)	870 (6.0%)	1,258 (2.2%)	(0.0%)	(0.0%)	(0.0%)
Organic macromolecular compounds	506 (1.2%)	526 (3.6%)	1,032 (1.8%)	(0.0%)	(0.0%)	(0.0%)
Paper	85 (0.2%)	30 (0.2%)	115 (0.2%)	5 (0.1%)	(0.0%)	5 (0.1%)
Personal domestic articles	1,255 (3.0%)	106 (0.7%)	1,361 (2.4%)	636 (16.4%)	8 (11.6%)	644 (16.3%)
Preparations for medical, dental, or toilet purposes	579 (1.4%)	392 (2.7%)	971 (1.7%)	(0.0%)	(0.0%)	(0.0%)
Printing	272 (0.6%)	160 (1.1%)	432 (0.8%)	53 (1.4%)	(0.0%)	53 (1.3%)
Separating and Mixing	1,203 (2.9%)	292 (2.0%)	1,495 (2.6%)	131 (3.4%)	1 (1.4%)	132 (3.3%)
Shaping	1,079 (2.6%)	195 (1.3%)	1,274 (2.2%)	75 (1.9%)	(0.0%)	75 (1.9%)
Textiles or flexible materials	477 (1.1%)	138 (0.9%)	615 (1.1%)	44 (1.1%)	4 (5.8%)	48 (1.2%)
Transporting	2,949 (7.0%)	628 (4.3%)	3,577 (6.3%)	469 (12.1%)	5 (7.2%)	474 (12.0%)
Weapons and Blasting	78 (0.2%)	12 (0.1%)	90 (0.2%)	16 (0.4%)	1 (1.4%)	17 (0.4%)
Others	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Total	42,129 (100%)	14,603 (100%)	56,732 (100%)	3,880 (100%)	69 (100%)	3,949 (100%)

Note: 1. "Others" refers to non-classified applications

2. Based on the Ninth Edition of the International Patent Classification

Registrations

Patent registrations in biotechnology

[unit : cases, %]

Classification	2004		2005		2006		2007		2008		2009	
	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio	Cases	Ratio
Domestic	1,243	76.9%	1,490	73.7%	1,911	71.1%	2,089	73.8%	1,856	75.0%	1,004	73.2%
Foreign	373	23.1%	532	26.3%	778	28.9%	741	26.2%	618	25.0%	368	26.8%
Total	1,616		2,022		2,689		2,830		2,474		1,372	

Note: Based on the following biotechnological categories of the Ninth Edition of the International Patent Classification: A01H; A01K 67/00-67/04; A01N 63/00-65/00; A61K 8/97-8/99; A61K 8/64-8/68; A61K 35/12-35/76; 36/00-36/9068; A61K 38/00-38/58, 39/00-39/44, 48/00, 51/00-51/10; C02F 3/00-3/34, 11/02-11/04; C07H 19/00-21/04; C07K; C12C-M; C12N; C12P; C12Q; C12S; G01N 33/50-33/98.

Patent registrations in business methods

[unit : cases, %]

Classification	2005	2006	2007	2008	2009
Domestic	1,242	1,669	2,457	1,101	843
Foreign	193	286	404	156	84
Percentage change for 2008	8.1%	36.2%	46.3%	-56.1%	-26.3%
Total	1,435	1,955	2,861	1,257	927

Registrations

Registrations by residents of foreign countries in 2009

[unit : cases]

Countries	Patents	Utility models	Designs		Trademarks		International Trademark		Total	
Japan	7,141	2	920	(1,220)	1,846	(3,457)	654	1278	10,563	(13,098)
U.S.A.	3,674	11	839	(937)	2,462	(4,104)	1110	1853	8,096	(10,579)
Germany	863	3	151	(155)	209	(352)	1539	3882	2,765	(5,255)
France	417		80	(80)	166	(259)	725	1536	1,388	(2,292)
Netherlands	424		51	(51)	78	(128)	241	518	794	(1,121)
Switzerland	345		62	(81)	128	(223)	705	1633	1,240	(2,282)
United Kingdom	166		69	(89)	262	(548)	339	769	836	(1,572)
Taiwan	207	42	23	(23)	184	(245)			456	(517)
China	123	7	32	(32)	259	(362)	648	869	1,069	(1,393)
Finland	329		28	(28)	10	(17)	57	174	424	(548)
Italy	101		45	(45)	128	(229)	607	1384	881	(1,759)
Sweden	178	1	59	(63)	28	(58)	149	301	415	(601)
Canada	112	1	7	(7)	97	(182)	1	1	218	(303)
Australia	46		16	(16)	65	(131)	145	311	272	(504)
Singapore	34		11	(11)	75	(141)	63	179	183	(365)
Israel	63		2	(2)	29	(39)			94	(104)
Belgium	56		11	(11)	13	(28)	100	220	180	(315)
Denmark	57		1	(1)	20	(31)	120	286	198	(375)
British Virgin Islands	7		3	(3)	58	(105)	4	8	72	(123)
Austria	48		2	(2)	13	(26)	114	274	177	(350)
Spain	16		2	(2)	38	(61)	158	302	214	(381)
Luxembourg	36				17	(31)	44	170	97	(237)
Norway	29		5	(5)	8	(20)	41	111	83	(165)
Hong Kong	3		1	(1)	34	(53)	1	3	39	(60)
India	24		1	(1)	12	(24)	1	5	38	(54)
Ireland	14				23	(32)	16	34	53	(80)
Liechtenstein	4		25	(28)	7	(40)	46	118	82	(190)
Brazil	13		2	(6)	15	(43)			30	(62)
New Zealand	4		1	(1)	23	(27)	9	9	37	(41)
Chile					25	(25)			25	(25)
Malaysia					25	(40)	2	2	27	(42)
Thailand	1				23	(34)			24	(35)
The Cayman Islands	3				20	(34)	3	6	26	(43)

Registrations

[unit : cases]

Countries	Patents	Utility models	Designs		Trademarks		International Trademark		Total	
South Africa	5		2	(2)	16	(17)	3	(3)	26	(27)
United Arab Emirates			1	(1)	19	(70)			20	(71)
Saudi Arabia	4				13	(29)	1	(1)	18	(34)
Mexico	1				16	(31)	2	(2)	19	(34)
Hungary	6				8	(23)	10	(21)	24	(50)
Bermuda	4				10	(22)	2	(10)	16	(36)
Russia	3		4	(4)	4	(6)	60	(111)	71	(124)
Portugal	4		3	(3)	4	(7)	18	(29)	29	(43)
Turkey	6				3	(3)	65	(134)	74	(143)
Greece	1				8	(40)	12	(45)	21	(86)
Bahamas	1				6	(15)	3	(9)	10	(25)
Czech Republic	2		1	(1)	3	(4)	11	(18)	17	(25)
Cyprus	2				4	(4)	4	(8)	10	(14)
Barbados	2				4	(8)	2	(2)	8	(12)
Poland	4				2	(4)	14	(31)	20	(39)
Philippines			1	(1)	5	(5)			6	(6)
Cuba	4				1	(1)			5	(5)
Vietnam					4	(5)	16	(25)	20	(30)
Samoa	1		2	(2)	4	(7)			7	(10)
Argentine Republic					1	(1)			1	(1)
Panama					4	(4)			4	(4)
Ukraine					4	(4)	2	(2)	6	(6)
Egypt					4	(4)			4	(4)
Indonesia					4	(7)			4	(7)
Turks and Caicos Islands	1				3	(5)			4	(6)
Mauritius					3	(6)			3	(6)
Slovenia	3				2	(6)	8	(37)	13	(46)
British West indies	3								3	(3)
Colombia										0
Others	8	2			19	(31)	164	(256)	193	(297)
Total	14,603	69	2,463	(2,915)	6,578	(11,498)	8,039	(16,980)	31,752	(46,065)

Trials and appeals

Petitions

[unit : cases]

Classification		2005	2006	2007	2008	2009
Grand Total	Patents	7,142	9,725	10,950	12,238	10,561
	Utility models	786	765	753	906	828
	Designs	480	503	601	766	663
		(484)	(546)	(611)	(806)	(677)
	Trademarks	4,346	4,498	5,296	4,954	3,531
		(5,869)	(6,056)	(7,081)	(7,040)	(5,058)
Total		12,754	15,491	17,600	18,864	15,583
		(14,281)	(17,092)	(19,395)	(20,990)	(17,124)
Ex partes	Patents	6,365	8,821	9,870	11,055	9,533
	Utility models	307	278	288	450	513
	Designs	153	119	174	247	242
		(153)	(119)	(179)	(279)	(243)
	Trademarks	2,602	2,654	3,378	2,843	1,903
		(3,803)	(3,844)	(4,791)	(4,442)	(2,969)
Subtotal		9,427	11,872	13,710	14,595	12,191
		(10,628)	(13,062)	(15,128)	(16,226)	(13,258)
Inter partes	Patents	777	904	1,080	1,183	1,028
	Utility models	479	487	465	456	315
	Designs	327	384	427	519	421
		(331)	(427)	(432)	(527)	(434)
	Trademarks	1,744	1,844	1,918	2,111	1,628
		(2,066)	(2,212)	(2,290)	(2,598)	(2,089)
Subtotal		3,327	3,619	3,890	4,269	3,392
		(3,653)	(4,030)	(4,267)	(4,764)	(3,866)

Note: Figures in parentheses include multiple applications

Trials and appeals

Actions

[unit : cases]

Classification	Decision			Invalidation			Registration			Total			
	2007	2008	2009	2007	2008	2009	2007	2008	2009	2007	2008	2009	
Grand Total	Patents	5,696	5,258	4,719	348	316	314	5,291	5,163	4,849	11,335	10,737	9,882
	Utility models	839	732	545	14	29	65	9	94	138	862	855	748
	Designs	484	542	605	19	46	32	29	39	46	532	627	683
		(487)	(583)	(619)	(19)	(48)	(32)	(33)	(39)	(46)	(539)	(670)	(697)
	Trademarks	4,607	5,096	3,895	32	44	26				4,639	5,140	3,921
		(6,191)	(7,085)	(5,347)	(54)	(126)	(54)				(6,245)	(7,211)	(5,401)
Total		11,626	11,628	9,764	413	435	437	5,329	5,296	5,033	17,368	17,359	15,234
		(13,213)	(13,658)	(11,230)	(435)	(519)	(465)	(5,333)	(5,296)	(5,033)	(18,981)	(19,473)	(16,728)
Expertes	Patents	4,628	4,226	3,774	332	295	303	5,291	5,163	4,849	10,251	9,684	8,926
	Utility models	302	270	194	8	24	59	9	94	138	319	388	391
	Designs	105	122	127	18	37	30	29	39	46	152	198	203
		(105)	(155)	(127)	(18)	(37)	(30)	(33)	(39)	(46)	(156)	(231)	(203)
	Trademarks	2,775	3,196	2,138	11	15	9				2,786	3,211	2,147
		(3,993)	(4,837)	(3,231)	(28)	(38)	(16)				(4,021)	(4,875)	(3,247)
Subtotal		7,810	7,814	6,233	369	371	401	5,329	5,296	5,033	13,508	13,481	11,667
		(9,028)	(9,488)	(7,326)	(386)	(394)	(408)	(5,333)	(5,296)	(5,033)	(14,747)	(15,178)	(12,767)
Interpartes	Patents	1,068	1,032	945	16	21	11				1,084	1,053	956
	Utility models	537	462	351	6	5	6				543	467	357
	Designs	379	420	478	1	9	2				380	429	480
		(382)	(428)	(492)	(1)	(11)	(2)				(383)	(439)	(494)
	Trademarks	1,832	1,900	1,757	21	29	17				1,853	1,929	1,774
		(2,198)	(2,248)	(2,116)	(26)	(88)	(38)				(2,224)	(2,336)	(2,154)
Subtotal		3,816	3,814	3,531	44	64	36				3,860	3,878	3,567
		(4,185)	(4,170)	(3,904)	(49)	(125)	(57)				(4,234)	(4,295)	(3,961)

Note: Figures in parentheses include multiple applications

Trials and appeals

Successful appeals

[unit : cases]

Classification		2005	2006	2007	2008	2009
Exparte	Patents	1,087 (39.7)	1,727 (43.1)	1,650 (35.7)	1,247 (29.5)	926 (24.5)
	Utility models	137 (41.9)	128 (36.1)	95 (31.5)	89 (33.0)	61 (31.4)
	Designs	21 (22.3)	43 (51.8)	42 (40.0)	53 (43.4)	56 (44.1)
	Trademarks	1,072 (48.8)	1,312 (51.9)	1,604 (57.8)	1,734 (54.3)	1,336 (62.5)
	Subtotal	2,317 (43.3)	3,210 (46.1)	3,391(43.4)	3,123 (40.0)	2,379 (38.2)
Inter partes	Patents	426 (53.3)	465 (53.5)	571(53.5)	541(52.4)	499 (52.8)
	Utility models	350 (49.6)	263 (54.0)	269 (50.1)	227(49.1)	191(54.4)
	Designs	193 (51.6)	189 (56.1)	187 (49.3)	223 (53.1)	188 (39.3)
	Trademarks	1,010 (63.5)	1,024 (61.4)	1,134 (61.9)	1,136 (59.8)	1,107 (63.0)
	Subtotal	1,979 (57.0)	1,941 (57.7)	2,161(56.6)	2,127 (55.8)	1,985 (56.2)
Total	Patents	1,513 (42.8)	2,192 (45.0)	2,221(39.0)	1,788 (34.0)	1,425 (30.2)
	Utility models	487 (47.1)	391 (46.4)	364 (43.4)	316 (43.2)	252(46.2)
	Designs	214 (45.7)	232 (55.2)	229 (47.3)	276 (50.9)	244 (40.3)
	Trademarks	2,082 (55.0)	2,336 (55.7)	2,738 (59.4)	2,870 (56.3)	2,443 (62.7)
	Total	4,296 (48.7)	5,151(49.8)	5,552 (47.8)	5,250 (45.1)	4,364 (44.7)

Note: 1. The successful appeals refer to the number of appeals upheld. These figures exclude cases where the registration was decided on the basis of an examiners's reconsideration before a trial and invalidation of a patent process

2. The figures in parentheses indicate the percentage of the appeals upheld

Trials and appeals

Comparison of domestic and foreign trial requests

[unit : cases]

Classification		2005	2006	2007	2008	2009
Patents	Domestic	4,362	6,209	7,004	7,650	6,698
	Foreign	2,780	3,516	3,946	4,588	3,863
Utility Models	Domestic	771	758	744	900	817
	Foreign	15	7	9	6	11
Designs	Domestic	452	475	574	723	622
		(456)	(515)	(584)	(763)	(636)
	Foreign	28	28	27	43	41
		(28)	(31)	(27)	(43)	(41)
Trade-marks	Domestic	2,852	2,769	3,252	2,878	2,112
		(3,432)	(3,315)	(3,750)	(3,474)	(2,530)
	Foreign	1,494	1,729	2,044	2,076	1,419
		(2,437)	(2,741)	(3,331)	(3,566)	(2,528)
Total	Domestic	8,437	10,211	11,574	12,151	10,249
		(9,021)	(10,797)	(12,082)	(12,787)	(10,681)
	Foreign	4,317	5,280	6,026	6,713	5,334
		(5,260)	(6,295)	(7,313)	(8,203)	(6,443)

Note: Figures in parentheses include multiple applications

Revenue and expenditure

Gross Revenue

[unit : billion KRW]

	2005	2006	2007	2008	2009
Revenue from goods and services	224,645	266,336	274,235	267,775	273,503
Revenue carried over from the previous year	15,114	48,221	65,320	66,834	47,296
Internal revenue and others	29,723	37,226	31,107	18,153	21,929
Total	269,482	351,783	370,662	352,762	342,728

Expenditure

[unit : billion KRW]

	2005	2006	2007	2008	2009
Major projects	106,544	198,262	210,950	201,235	222,993
Basic projects	12,416	15,294	16,133	12,359	13,054
Labor costs	59,533	72,907	76,746	81,871	82,943
Reserve fund	4,768	-	-	-	-
Deposit for special budget	38,000	-	-	10,000	10,000
Total	221,261	286,463	303,829	305,465	328,990

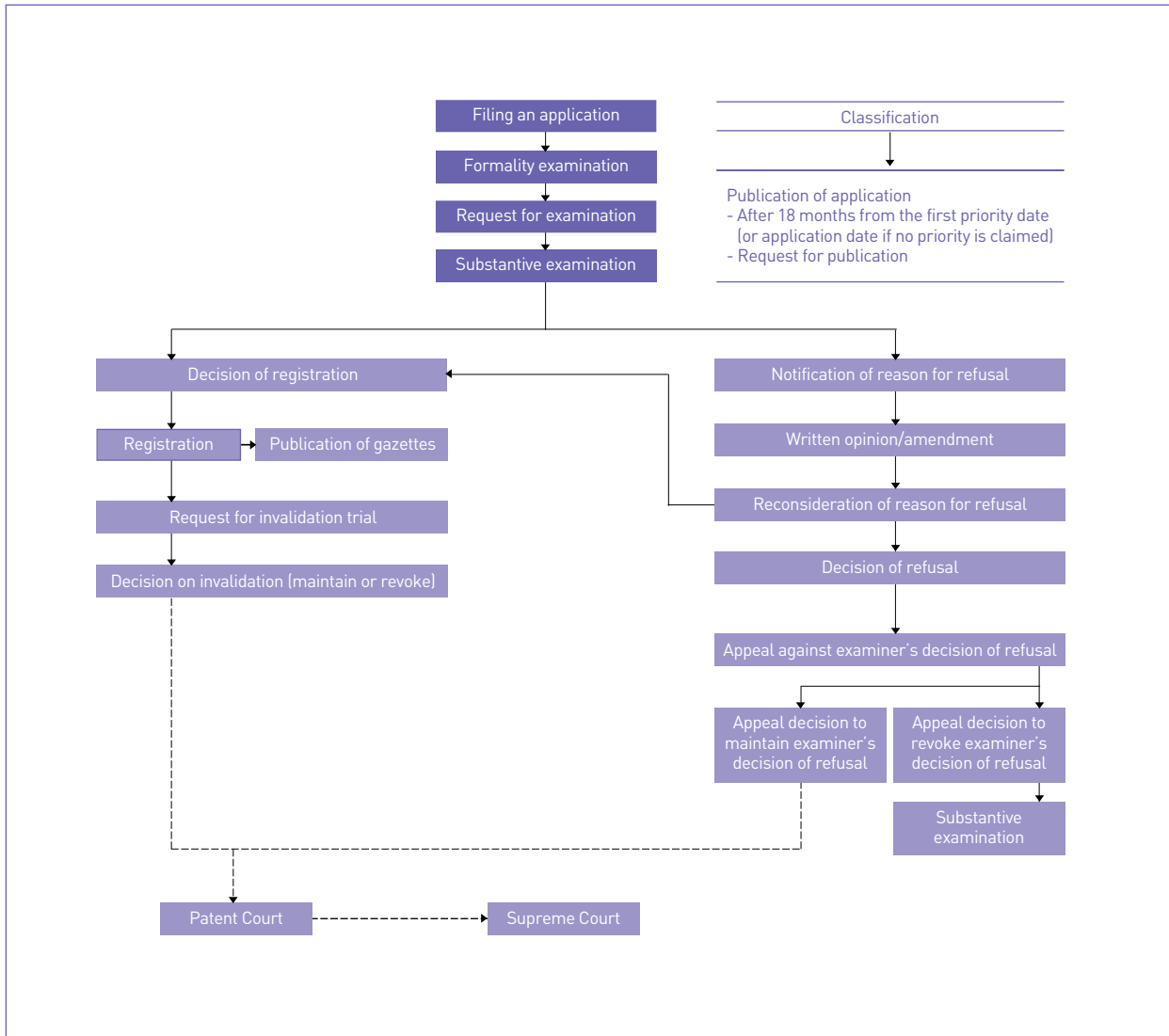
Kipo Staff

[unit : number of positions]

		2004	2005	2006	2007	2008	2009
Examiners	Patent and utility models	558	728	727	660	678	675
	Industrial designs and trademarks	112	140	139	130	129	126
	Total	670	868	866	790	807	801
Appeal judges		41	49	79	99	99	99
Clerical staff		495	575	572	616	605	611
Total		1,206	1,492	1,517	1,528	1,511	1,511

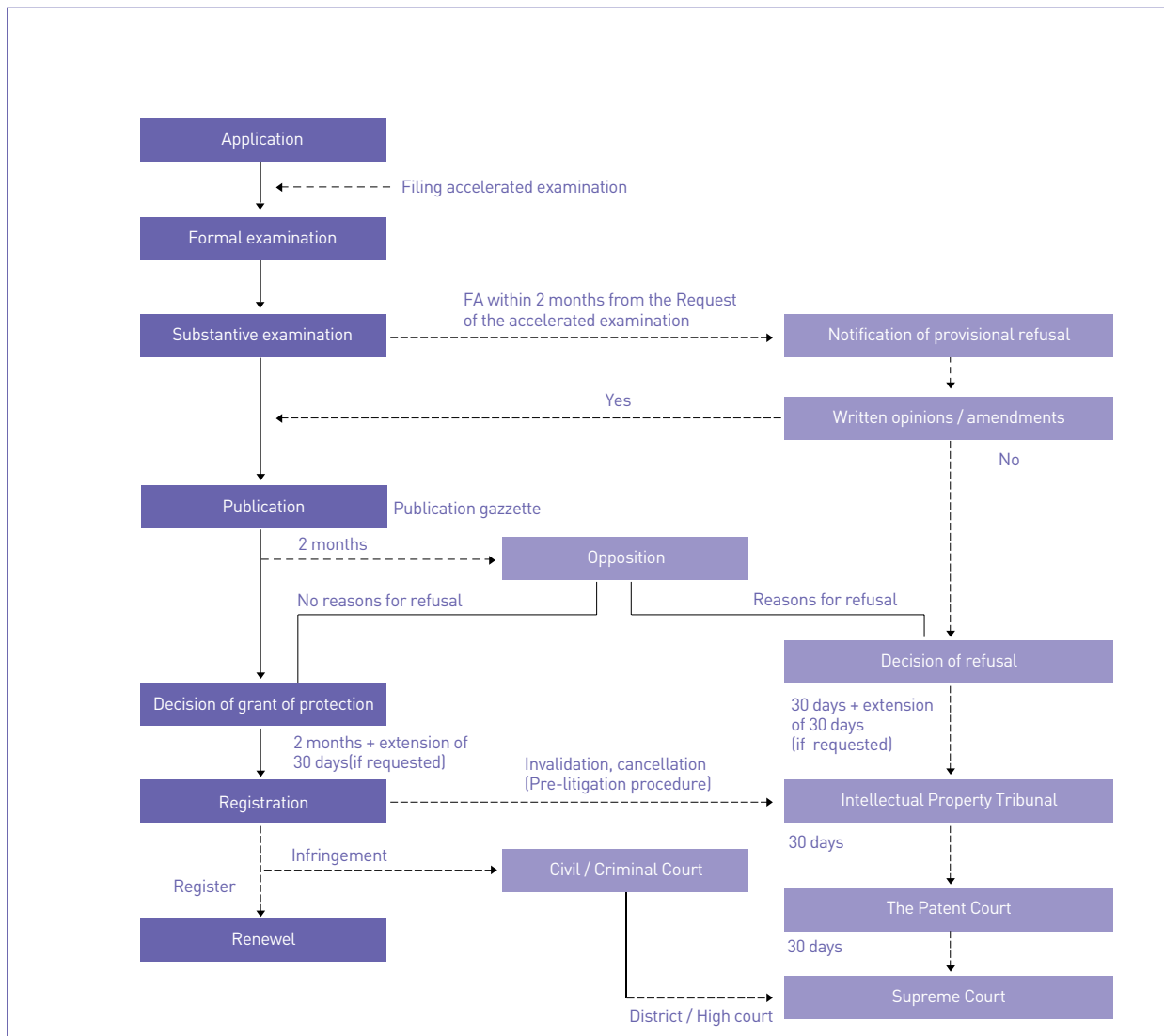
Flow chart for examinations

Procedure for granting patents and utility models



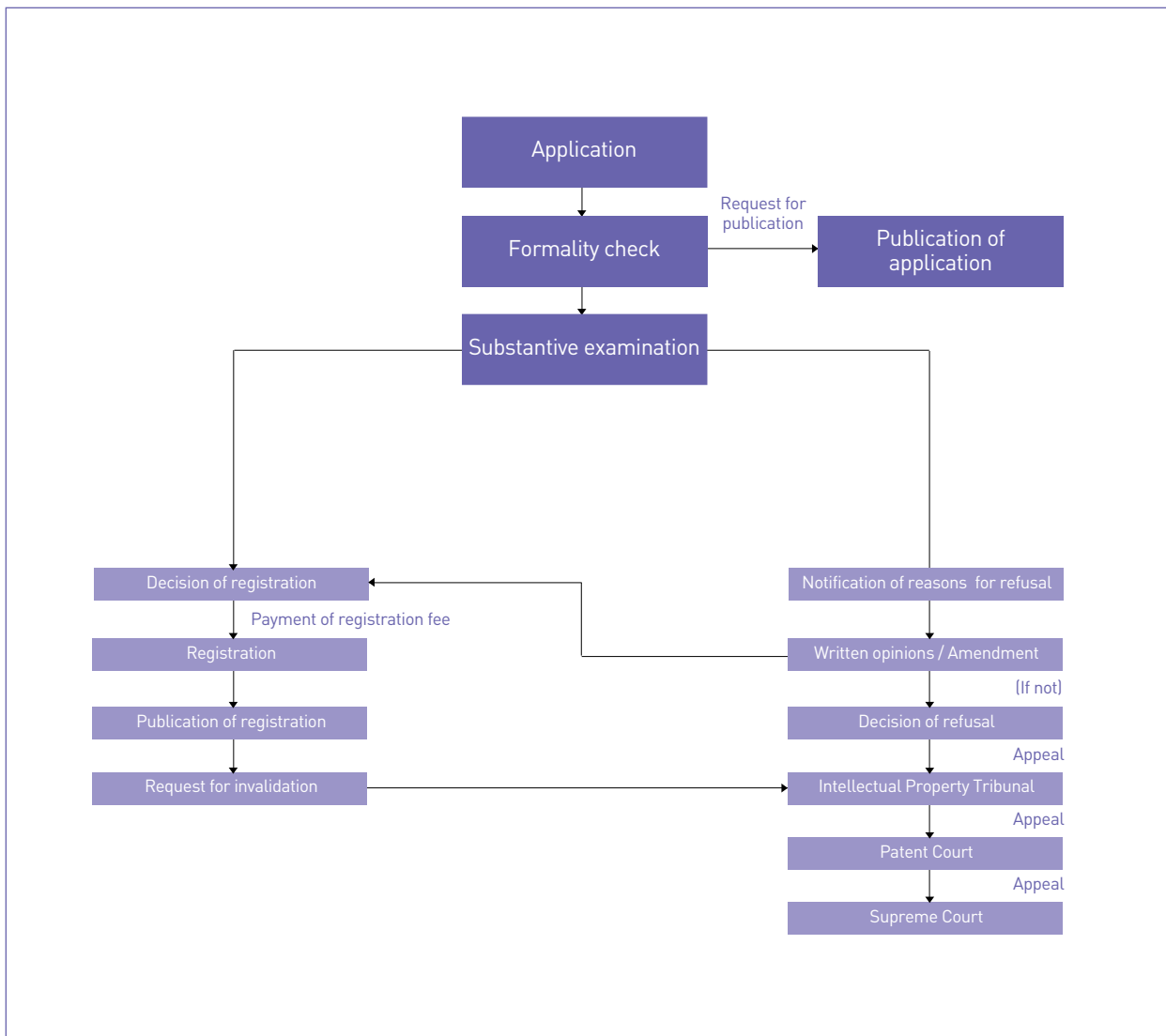
Flow chart for examinations

Procedure for trademarks applications



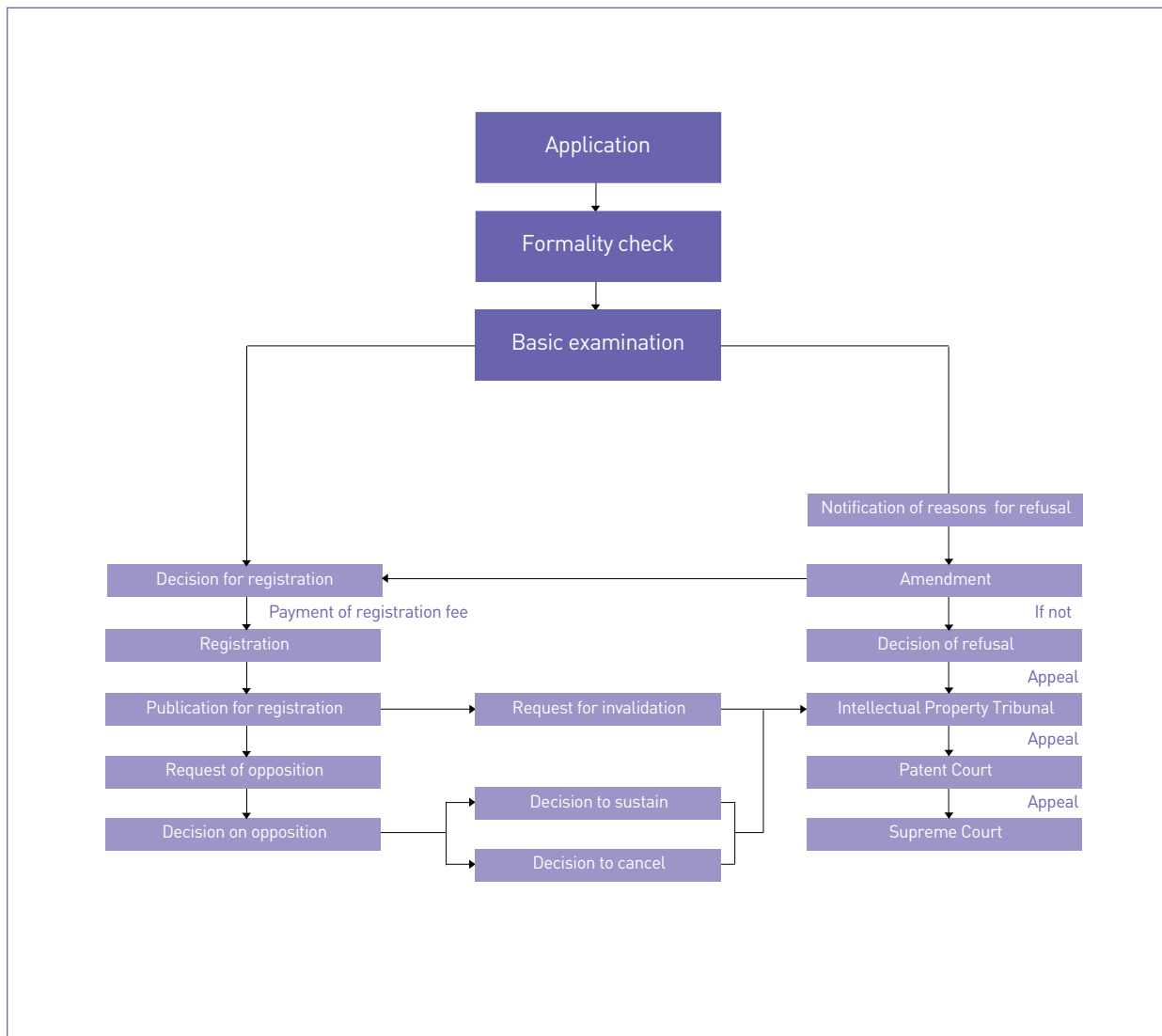
Flow chart for examinations

Substantive examination for industrial designs

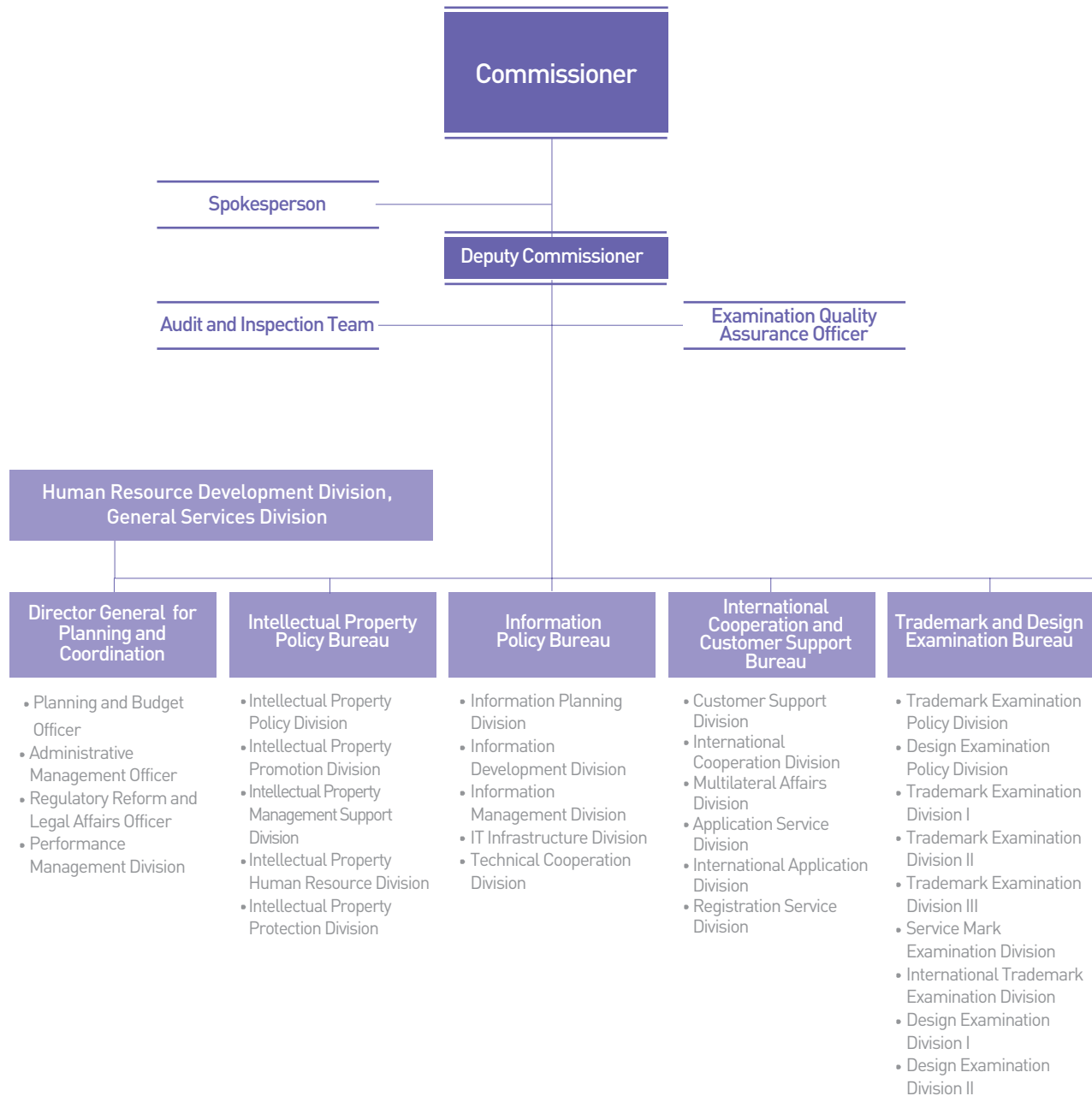


Flow chart for examinations

Non-substantive examination for industrial designs



Organizational chart of KIPO



Machinery, Metals and Construction Examination Bureau

- General Machinery Examination Division
- Automobile Examination Division
- Transport Machinery Examination Division
- Prime Mover Machinery Examination Division
- Precision Machinery Examination Division
- Air-conditioning Machinery Examination Division
- Metals Examination Division
- Construction Technology Examination Division
- Convergence Technology Examination Division I

Chemistry and Biotechnology Examination Bureau

- Biotechnology Examination Division
- Chemical Materials Examination Division
- Fine Chemistry Examination Division
- Environment and Energy Examination Division
- Pharmaceutical Examination Division
- Textile and Consumer Goods Examination Division
- Food and Biological Resources Examination Division
- Convergence Technology Examination Division II

Electric and Electronic Examination Bureau

- Patent Examination Policy Division
- Patent Examination Support Division
- Electric Examination Division
- Electronic Examination Division
- Semiconductor Examination Division
- Electronic Commerce Examination Division
- Ubiquitous Examination Division
- Convergence Technology Examination Division III
- Standard-Related Patent and Semiconductor Intellectual Property Division

Information and Communications Examination Bureau

- Telecommunications Examination Division
- Information Systems Examination Division
- Imaging Devices Examination Division
- Display Examination Division
- Digital Broadcasting Examination Division
- Network Examination Division