

IV. APPLICATION AND EXAMINATION

1 Patent application and granting

1) Patent Application

The main features of patent applications in 2007 are: first, all three kinds grew at a high speed. Most applications were for utility model and design. General growth for these three was 21.1% with invention at 16.5%, utility and design at 23.8% respectively. Second, most invention applications were domestic. Inventions from home grew faster than those from abroad. Domestic filings represented 62.4% of the total, 25% higher than foreign ones' 37.6%. Domestic inventions were up 25.1%, 21% higher than foreign ones' 4.5%. Third, percentage of domestic service patent applications increased. Service applications were 47.1% of the total while 70.3% of all inventions were service, up 3.8% and 3.7% respectively. Fourth, companies were major players in innovation. In 2007, 48.3% domestic inventions were filed by companies, up 2.1%. Domestic companies maintained 80%+ share of service applications.

Table 1. Three Kinds of Domestic and Foreign Patent Applications According to Service and Non-Service in 2007

Kinds of Patents		Total			Domestic			Foreign		
		Total	Service	Non-Service	Total	Service	Non-Service	Total	Service	Non-Service
Accumulated Total	Number of Application	4028284	1993692	2034592	3314355	1308813	2005542	713929	684879	29050
	%	100.0%	49.5%	50.5%	100.0%	39.5%	60.5%	100.0%	95.9%	4.1%
This Year	Total	693917	380254	313663	586498	276101	310397	107419	104153	3266
	Number of Application	100.0%	54.8%	45.2%	100.0%	47.1%	52.9%	100.0%	97.0%	3.0%
	Invention	245161	197296	47865	153060	107664	45396	92101	89632	2469
	%	100.0%	80.5%	19.5%	100.0%	70.3%	29.7%	100.0%	97.3%	2.7%
Utility Model	181324	75717	105607	179999	74715	105284	1325	1002	323	
%	100.0%	41.8%	58.2%	100.0%	41.5%	58.5%	100.0%	75.6%	24.4%	
Design	267432	107241	160191	253439	93722	159717	13993	13519	474	
%	100.0%	40.1%	59.9%	100.0%	37.0%	63.0%	100.0%	96.6%	3.4%	

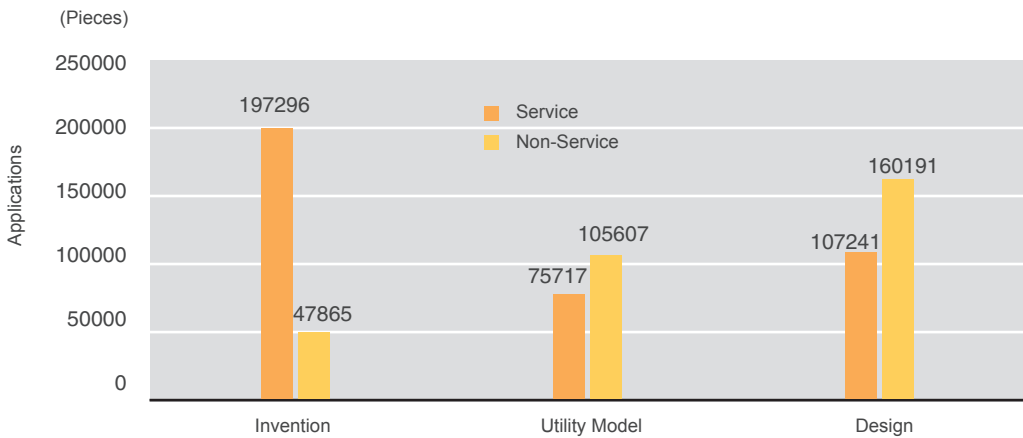


Figure 1 Statistics of Domestic and Foreign Applications for Three Kind of Patents according to Service and Non-Service in 2007

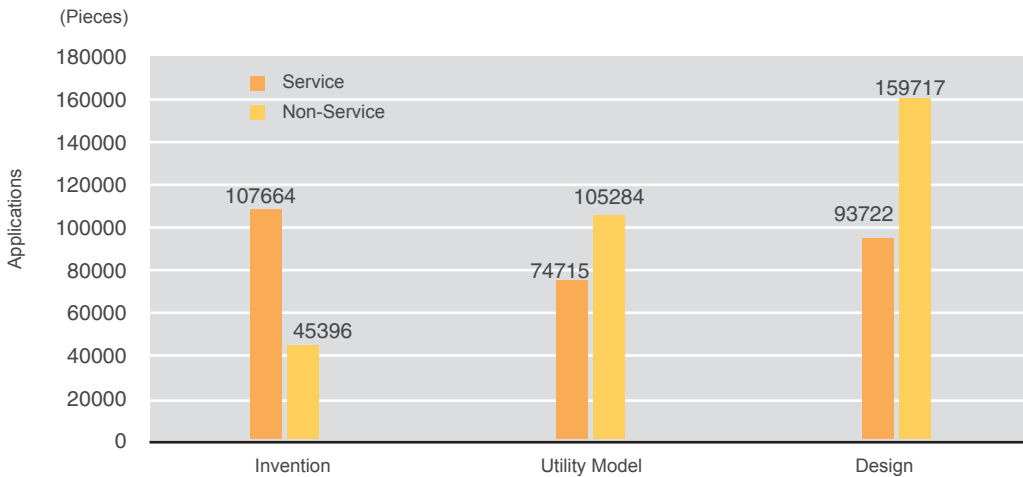


Figure 2 Statistics of Domestic Applications for Three Kind of Patents according to Service and Non-Service in 2007

Table 2 Top Ten Foreign Corporations according to Their Applications in 2007

No.	INID	Name of Corporation	Number
1	Korea, Republic of	Samsung Eletronics Co.,Ltd	3725
2	Japan	Matsushita Electric Industrial Co.,Ltd	2729
3	Netherlands	Royal Philips Electronics N. V.	2162
4	Japan	Sony Corporation	1698
5	United States	International Business Machines Corporation	1527
6	Korea, Republic of	LG Eletronics Co.,Ltd	1197
7	Japan	Toshiba Corporation	1184
8	Japan	Tokyo Roki Co.,Ltd.	1091
9	Japan	Canon Corporation	942
10	Japan	Seiko Epson Corporation	901

Table 3 Top Ten Foreign Corporations according to Their Applications of Invention in 2007

No.	INID	Name of Corporation	Number
1	Korea, Republic of	Samsung Eletronics Co.,Ltd	3315
2	Japan	Matsushita Electric Industrial Co.,Ltd	2329
3	Netherlands	Royal Philips Electronics N. V.	2059
4	Japan	Sony Corporation	1534
5	United States	International Business Machines Corporation	1527
6	Korea, Republic of	Toshiba Corporation	1081
7	Japan	LG Eletronics Co.,Ltd	1028
8	Japan	Canon Corporation	921
9	Japan	Seiko Epson Corporation	843
10	Japan	Tokyo Roki Co.,Ltd.	836

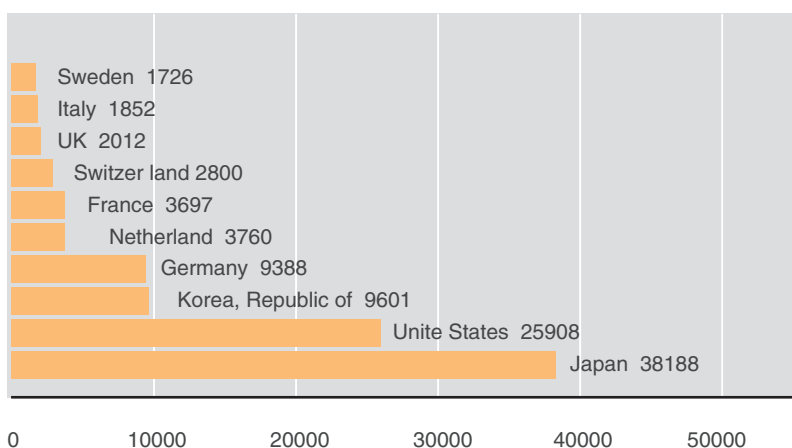


Figure 3 Top Ten Countries according to Their Applications Filed in 2007

2) Distribution of patent applications by country

By December 31, 2007, there has been totally 141 countries and regions filling patent applications in China. In the year of 2007, China received patent applications from 94 countries and regions, of which Oman, Azerbaijan, the Republic of the Fiji Islands, Haiti, Majuro, Moldova and Uganda were the first time to file patent applications in China. The top 10 countries and regions in terms of application volume in 2007 were Japan, USA, Republic of Korea, Germany, Netherlands, France, Switzerland, UK, Italy and Sweden.

3) Patent granting

As of December 31, 2007, SIPO had granted cumulative 2,089,286 patents, 1,790,379 of which were domestic filers and 298,907 foreign

filers, representing 85.7% and 14.3% of the total respectively. Numbers for invention, utility model and design were 364,451, 988,264 and 736,571 respectively, accounting for 17.4%, 47.3% and 35.3% of the total.

In 2007, SIPO granted 351,782 patents, up 31.3%; 301,632 to domestic filers, up 34.7% from 223,860; 50,150 to foreign filers, up 13.6% from 44,142; 182,340 to service applications, up 34.5% from 135,597; 169,442 to non-service applications, up 28.0% from 132,405.

Among three kinds of patents, 67,948 patents for invention were granted, which was an increase of 17.6%; 150,036 utility models were granted, with an increase of 39.4%; and 133,798 designs were granted, with an increase of 30.5%. The three kinds represented 19.3%, 42.7% and 38.0% respectively.

4) Patent examination

Patent applications were examined at an accelerated pace and refined quality. In 2007, SIPO finished 100,275 invention applications in substantive examination, up 23.5%; 187,157 utility models, up 27.3%; 187,573 designs, up 24.1%. Though much more invention applications were examined, examination duration went a bit longer to 26 months due to fast growth of applications and those entering substantive examination phase.

The duration for utility model was 6.8 months, decreased 1.6 months. The duration for design was 6.6 months, decreased 0.8 months.

SIPO had more patent examiners with better knowledge and education background structure and quality. In 2007, SIPO recruited 537 formality officers, substantive examiners and examiners for reexamination and invalidity, making the total examination team to 2,672. SIPO recruited people with better knowledge structure and higher degrees. Examiners' average education length grew. Record high number of doctor graduates was recruited with the drop of percentage of undergraduates. In 2007, among all the recruited, 4% were doctors; 73% were masters; 23% were undergraduates. Examiners with master degree or above accounted for 85% in substantive examination department. Most newly recruited examiners specialized in the dynamic fields, such as electronics, telecommunication and optronics.

Table 4 Applications for Patents for Inventions and Utility Models Classified According to IPC in 2007

	A-Htotal	A	B	C	D	E	F	G	H
Accumulated Total	2736450	590099	503955	269489	55694	169173	340921	383595	423524
	100.0%	21.6%	18.4%	9.8%	2.0%	6.2%	12.5%	14.0%	15.5%
Total in 2007	421376	80438	71136	42510	7353	24180	49779	64751	81229
	100.0%	19.1%	16.9%	10.1%	1.7%	5.7%	11.8%	15.4%	19.3%
Invention	235486	36831	28875	37712	3837	7562	17767	44427	58475
	100.0%	15.6%	12.3%	16.0%	1.6%	3.2%	7.5%	18.9%	24.8%
Utility Model	185890	43607	42261	4798	3516	16618	32012	20324	22754
	100.0%	23.5%	22.7%	2.6%	1.9%	8.9%	17.2%	10.9%	12.2%

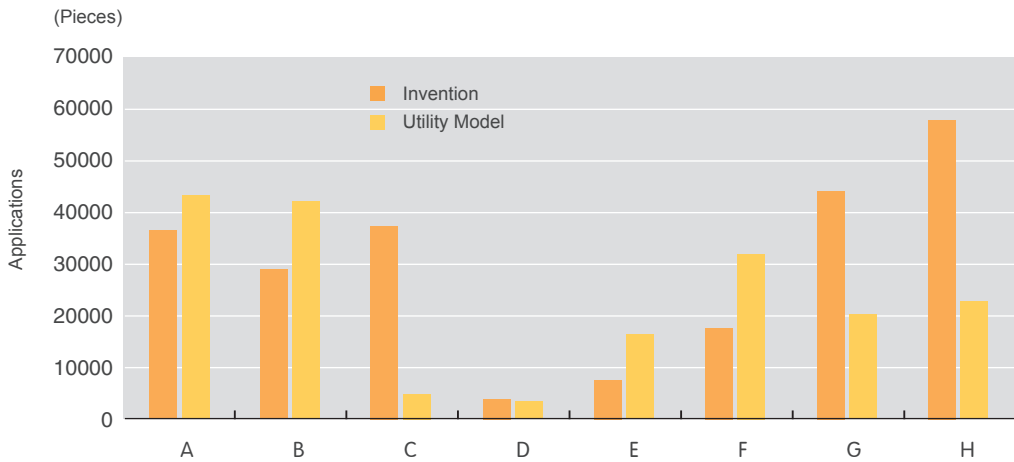


Figure 4 Applications for Patents for Inventions and Utility Models Classified according to IPC in 2007

Table 5 Top Ten IPC Sub-Classes of Applications for Patent for Inventions in 2007

Total	Sub-class	Number
1	A61K	13623
2	H04L	11657
3	G06F	9862
4	H01L	8602
5	H04Q	7178
6	H04N	6078
7	G01N	4628
8	A23L	3677
9	H04B	3547
10	C07D	3435

Table 6 Top Ten IPC Sub-Classes of Applications for Patent for Utility Models in 2007

Total	Sub-class	Number
1	B65D	4161
2	A47G	3519
3	H01R	3457
4	A61B	2999
5	A47J	2958
6	F21V	2693
7	G01N	2456
8	A61M	2353
9	E21B	2330
10	F16K	2148

Table 7 Three Kinds of Domestic and Foreign Patents Granted According to Service and Non-Service in 2007

Kinds of Patents		Total			Domestic			Foreign		
		Total	Service	Non-Service	Total	Service	Non-Service	Total	Service	Non-Service
Accumulated Total	Number of Application %	2089286	998683	1090603	1790379	712202	1078177	298907	286481	12426
		100.0%	47.8%	52.2%	100.0%	39.8%	60.2%	100.0%	95.8%	4.2%
This Year	Total	351782	182340	169442	301632	133813	167819	50150	48527	1623
		100.0%	51.8%	48.2%	100.0%	44.4%	55.6%	100.0%	96.7%	3.3%
	Invention	67948	59620	8328	31945	24488	7457	36003	35132	871
		100.0%	87.7%	12.3%	100.0%	76.7%	23.3%	100.0%	97.6%	2.4%
Utility Model	150036	64317	85719	148391	62975	85416	1645	1342	303	
	100.0%	42.9%	57.1%	100.0%	42.4%	57.6%	100.0%	81.6%	18.4%	
Design	133798	58403	75395	121296	46350	74946	12502	12053	449	
	100.0%	43.6%	56.4%	100.0%	38.2%	61.8%	100.0%	96.4%	3.6%	

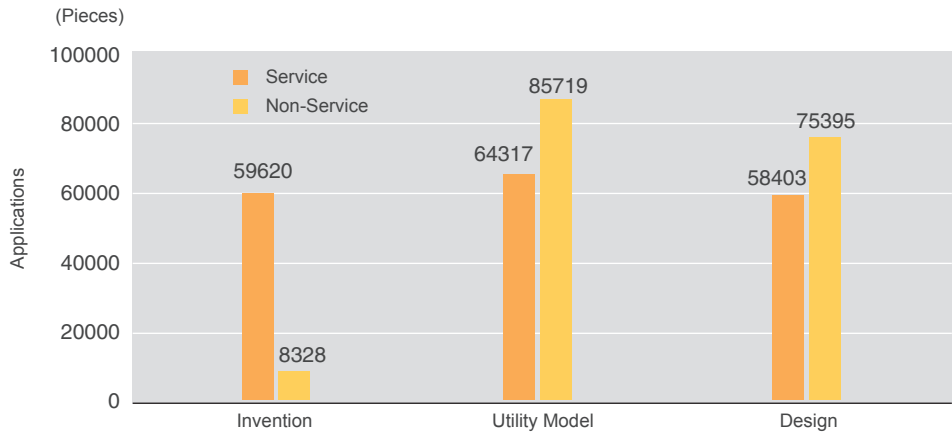


Figure 5 Statistics of Domestic and Foreign Granted for Three Kind of Patents According to Service and Non-Service In 2007

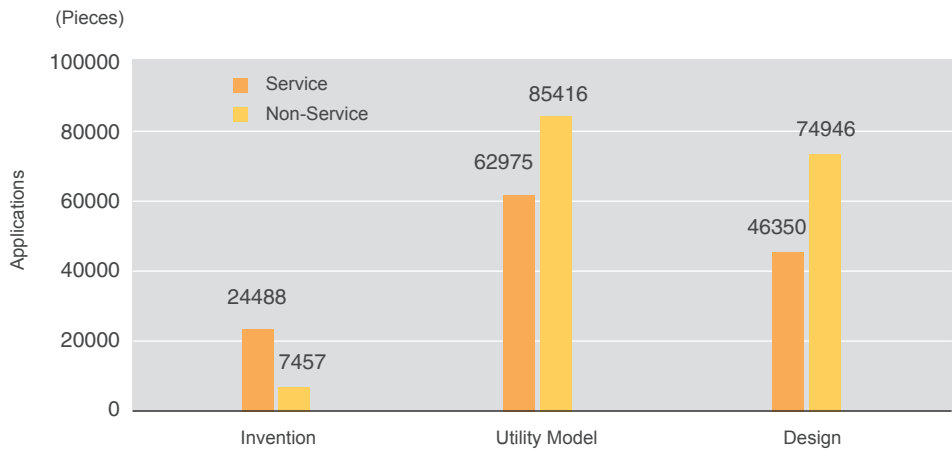


Figure 6 Statistics of Domestic Granted for Three Kind of Patents According to Service and Non-Service in 2007

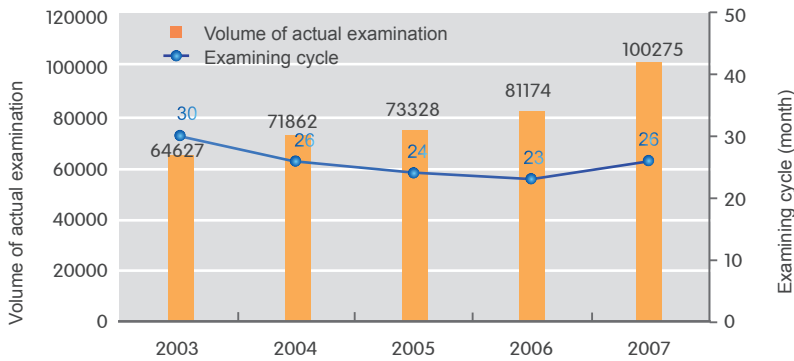


Figure 7 Trend of Volume of Actual Examination Cases and Examining Cycle Changes from 2001 to 2007

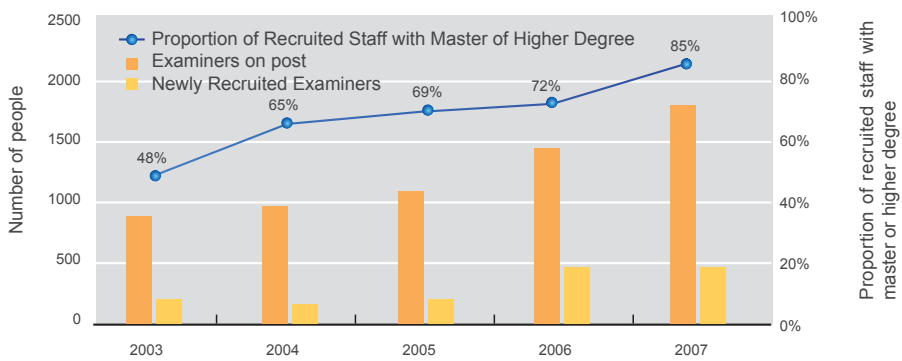


Figure 8 Trend of Numbers of Actual Examination Examiner and Education Level Changes from 2001 to 2007

2 PCT international applications

On May 1, as a PCT receiving office, SIPO began taking PCT-SAFE fully electronic mode applications.

As a Receiving Office of the Patent Cooperation Treaty (PCT), the Office received 5,401 PCT applications in 2007, which were 1,571 more than that of 2006 or 41.1% increase. Among those received applications, 4,833 were filed in Chinese while 564 in English. Since 1994, SIPO has received an accumulated total of 18,796 international applications.

1) PCT International Search

As an International Searching Authority, the Office established an accumulated total of 16,484 international search reports, of which 4,833 were established in 2007. This was 1,671 more than that of 2006 and 52.8% increase over the previous year.

2) PCT International Preliminary Examination

As an International Preliminary Examining Authority, the Office established in 2007 international preliminary examination reports for 364 international applications, which were 32 more than that of 2006 and 9.6% increase year on year. By December 31st, 2007, the Office established an accumulated total of 4,317 international preliminary examination reports.

3) PCT International Applications Entering into the National Phase

In 2007, the Office received 53,717 international applications designating China and entering into China's national phase, 53,638 of which were for invention patent and 79 for utility model, with an increase of 5,506 or 11.4% rise comparing with 2006. Since 1994, SIPO has received an accumulated total of 300,93 international applications entering into China's national phase.

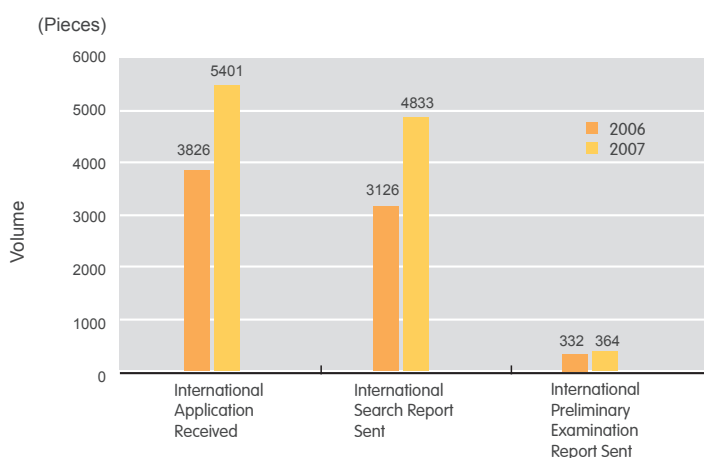


Figure 9 Volume of PCT International Applications, International Search, International Preliminary Examination Reports (2006-2007)

3 Registration of applications for layout designs of integrated circuits

In 2007, the Office received 428 applications for registration of layout designs of integrated circuits, and 345 registrations were published and certificates issued. Since the implementation of the Regulation on Protection of Layout Designs of Integrated Circuits on October 1st, 2001, the Office has received a total of 1,808 applications for registration, and 1,564 registrations were published and certificates issued by the end of December 31st, 2007.

4 Re-examination and invalidation

1) Requests for re-examination received and cases resolved

In 2007, 2,565 requests for re-examination were received, which were 329 less than that of 2006 or 11% decrease. Of all the above requests received, 2,523 cases were related to invention patent, including requests for re-examination of decisions on rejection of invention patent applications and those against decisions on request for revocation of patent rights, accounting for 98.36% of the total. 29 cases were related to utility models, including requests for re-examination of decisions on rejection of utility model applications and those against decisions on request for revocation, accounting for 1.13 % of the total. 13 cases were related to designs, including requests for re-examination of decisions on rejection of design applications and those against decisions on request for revocation, accounting for 0.51% of the total. In 2007, altogether 3,514 re-examination cases were resolved. Since 1985, a total of 18,034 requests for re-examination have been received by the Patent Re-Examination Board, and 3,493 re-examination cases were being dealt with by the end of 2007.

2) Requests for invalidation received and cases resolved

In 2007, 2,183 requests for invalidation were received, which were 285 less than that of 2006, representing an increase of 12%. Among requests received in 2007, 354 cases were related to requests for invalidation of invention patent, accounting for 16.22% of the total; 1,006 were related to requests for invalidation of utility model, accounting for 46.08% of the total; and 823 were related to design, making up 37.7% of the total. In 2007, 2,522 cases requesting for invalidation were resolved.

Since 1985, the Patent Re-Examination Board has received totally

19,049 requests for invalidation. Until the end of 2007, 2,368 requests for invalidation were being processed.

3) Patent administrative litigation

In 2007, 798 cases were brought with the Beijing First Intermediate People's Court or appealed to the Beijing High People's Court, of which 56 cases were against the re-examination decisions on rejection of invention patent applications or on requests for revocation of patent rights, 175 were against the decisions on requests for invalidation of patent rights, 2 was against decisions on requests for re-examination of rejecting utility model, 322 were against the decisions on requests for invalidation of utility model, 239 were against the decisions on requests for invalidation of design and 4 was against other notifications.

5 Statistics

Table 8 Applications for Three Kinds of Patents Received from Home and Abroad, 2001-2007

	Total				Domestic				Foreign			
	Total	Invention	Utility Model	Design	Total	Invention	Utility Model	Design	Total	Invention	Utility Model	Design
Accumulated Total	2861857	1007865	877057	976935	2341495	561262	868942	911291	520362	446603	8115	65644
AverageGrowth Rate(%)	22.7%	25.3%	14.7%	28.1%	23.4%	31.2%	14.6%	28.4%	19.0%	18.6%	19.9%	22.3%
2001	203573	63204	79722	60647	165773	30038	79275	56460	37800	33166	447	4187
	19.3%	22.1%	15.8%	21.0%	18.1%	18.5%	15.8%	21.3%	24.6%	25.6%	26.3%	16.7%
2002	252631	80232	93139	79260	205544	39806	92166	73572	47087	40426	973	5688
	24.1%	26.9%	16.8%	30.7%	24.0%	32.5%	16.3%	30.3%	24.6%	21.9%	117.7%	35.8%
2003	308487	105318	109115	94054	251238	56769	107842	86627	57249	48549	1273	7427
	22.1%	31.3%	17.2%	18.7%	22.2%	42.6%	17.0%	17.7%	21.6%	20.1%	30.8%	30.6%
2004	353807	130133	112825	110849	278943	65786	111578	101579	74864	64347	1247	9270
	14.7%	23.6%	3.4%	17.9%	11.0%	15.9%	3.5%	17.3%	30.8%	32.5%	-2.0%	24.8%
2005	476264	173327	139566	163371	383157	93485	138085	151587	93107	79842	1481	11784
	34.6%	33.2%	23.7%	47.4%	37.4%	42.1%	23.8%	49.2%	24.4%	24.1%	18.8%	27.1%
2006	573178	210490	161366	201322	470342	122318	159997	188027	102836	88172	1369	13295
	20.3%	21.4%	15.6%	23.2%	22.8%	30.8%	15.9%	24.0%	10.4%	10.4%	-7.6%	12.8%
2007	693917	245161	181324	267432	586498	153060	179999	253439	107419	92101	1325	13993
	21.1%	16.5%	12.4%	32.8%	24.7%	25.1%	12.5%	34.8%	4.5%	4.5%	-3.2%	5.3%

Table 9 Domestic Applications for Three Kinds of Patents According to Service and Non-Service, 2001-2007

	Non-Service	Service				
		Total	Universities and Colleges	Scientific Research Institutions	Industrial Enterprises	Organizations
Accumulated Total	1347864	993633	108591	57183	812272	15585
Average Growth Rate(%)	19.7%	28.9%	43.1%	21.6%	27.8%	44.8%
2001	105669	60104	3810	4360	51302	632
	21.5%	12.6%	30.3%	5.8%	11.9%	35.3%
2002	124302	81242	5981	5373	68962	926
	17.6%	35.2%	57.0%	23.2%	34.4%	46.5%
2003	148782	102456	10252	6998	84117	1089
	19.7%	26.1%	71.4%	30.2%	22.0%	17.6%
2004	167663	111280	12997	6709	90148	1426
	12.7%	8.6%	26.8%	-4.1%	7.2%	30.9%
2005	224275	158882	19921	9746	127397	1818
	33.8%	42.8%	53.3%	45.3%	41.3%	27.5%
2006	266776	203566	22950	9878	166874	3864
	19.0%	28.1%	15.2%	1.4%	31.0%	112.5%
2007	310397	276103	32680	14119	223472	5830
	16.4%	35.6%	42.4%	42.9%	33.9%	50.9%

Table 10 Three Kinds of Patent Granted for Home and Abroad, 2001-2007

	Total				Domestic				Foreign			
	Total	Invention	Utility Model	Design	Total	Invention	Utility Model	Design	Total	Invention	Utility Model	Design
Accumulated Total	1452901	303322	588412	561167	1209408	118635	582260	508513	243493	184687	6152	52654
Average Growth Rate(%)	20.6%	26.9%	18.4%	20.5%	20.3%	34.5%	18.3%	20.4%	22.3%	22.0%	30.0%	22.3%
2001	114251	16296	54359	43596	99278	5395	54018	39865	14973	10901	341	3731
	8.5%	28.5%	-0.7%	15.0%	4.2%	-12.7%	-0.7%	15.0%	48.1%	67.6%	1.5%	14.2%
2002	132399	21473	57484	53442	112103	5868	57092	49143	20296	15605	392	4299
	15.9%	31.8%	5.7%	22.6%	12.9%	8.8%	5.7%	23.3%	35.6%	43.2%	15.0%	15.2%
2003	182226	37154	68906	76166	149588	11404	68291	69893	32638	25750	615	6273
	37.6%	73.0%	19.9%	42.5%	33.4%	94.3%	19.6%	42.2%	60.8%	65.0%	56.9%	45.9%
2004	190238	49360	70623	70255	151328	18241	70019	63068	38910	31119	604	7187
	4.4%	32.9%	2.5%	-7.8%	1.2%	60.0%	2.5%	-9.8%	19.2%	20.9%	-1.8%	14.6%
2005	214003	53305	79349	81349	171619	20705	78137	72777	42384	32600	1212	8572
	12.5%	8.0%	12.4%	15.8%	13.4%	13.5%	11.6%	15.4%	8.9%	4.8%	100.7%	19.3%
2006	268002	57786	107655	102561	223860	25077	106312	92471	44142	32709	1343	10090
	25.2%	8.4%	35.7%	26.1%	30.4%	21.1%	36.1%	27.1%	4.1%	0.3%	10.8%	17.7%
2007	351782	67948	150036	133798	301632	31945	148391	121296	50150	36003	1645	12502
	31.3%	17.6%	39.4%	30.5%	34.7%	27.4%	39.6%	31.2%	13.6%	10.1%	22.5%	23.9%

Table 11 Distribution of Foreign Applications for Patents Received 1985~2007

	Countries and Regions	Accumulated Number	Year1985-2002	Year 2003	Year 2004	Year 2005	Year 2006	Year 2007
	Total	713929	278454	57249	74864	93107	102836	107419
	Algeria	2	1	0	0	1	0	0
	Andorra	6	2	0	2	0	0	2
	Antigua and Barbuda	6	0	1	2	0	0	3
	Argentina	67	36	6	2	8	10	5
	Armenia	2	1	0	0	0	0	1
	Arroba	1	0	0	0	1	0	0
	Australia	6074	2711	450	637	707	753	816
	Austria	2796	1373	185	223	284	309	422
	Azerbaijan	1	0	0	0	0	0	1
	Bahamas	141	53	25	24	9	17	13
	Bahrain	3	3	0	0	0	0	0
	Bangladesh	2	0	0	0	0	2	0
	Barbados	195	24	6	22	35	56	52
	Belarus	21	5	1	4	3	5	3
	Belgium	3014	1143	189	275	380	465	562
	Belize	12	1	1	1	0	2	7
	Bermuda	255	46	14	34	38	50	73
	Brazil	612	244	58	63	82	77	88
	Brunei Darussalam	30	0	2	1	2	14	11
	Bulgaria	65	44	2	5	6	6	2
	Cameroon	2	0	0	1	0	1	0
	Canada	5890	2378	407	607	724	821	953
	Cayman Islands	500	61	23	20	66	167	163
	Central Africa	2	0	2	0	0	0	0
	Chile	42	13	2	3	4	9	11
	Colombia	18	5	5	1	3	2	2
	Cook Islands	5	1	0	1	1	2	0
	Costarica	3	1	2	0	0	0	0
	Croatia	106	44	6	12	20	12	12
	Cuba	94	39	9	12	16	8	10
	Cyprus	101	29	14	9	17	23	9
	Czech Republic	322	10	13	25	77	70	127
	Czechoslovakia	72	72	0	0	0	0	0
	Denmark	4140	1746	315	406	478	558	637
	Dominican Republic	2	1	0	0	0	0	1
	Dominica	3	1	0	0	0	2	0
	DPRK	14	6	0	1	2	1	4
	Ecuador	6	2	1	0	1	2	0
	Egypt	23	4	0	1	4	7	7
	el Salvador	1	1	0	0	0	0	0
	Esthonia	10	3	2	1	1	2	1
	Fiji	10	0	0	0	0	0	10
	Finland	7338	3019	598	817	851	988	1065
	France	26975	12068	1941	2465	3190	3614	3697
	Georgia	5	3	0	0	0	2	0
	Germany	61742	25737	4522	5917	7502	8676	9388
	Gibraltar	12	6	3	0	2	1	0
	Greece	131	55	12	9	11	23	21
	Haiti	1	0	0	0	0	0	1
	Hungary	648	474	12	33	33	45	51
	Iceland	70	24	4	6	12	10	14
	India	1135	271	118	171	217	183	175
	Indonesia	118	35	13	11	20	16	23
	Iran	3	1	0	0	1	1	0
	Iraq	1	1	0	0	0	0	0
	Ireland	670	197	54	77	82	121	139
	Islas Malvinas	1	1	0	0	0	0	0
	Israel	2223	806	163	251	237	338	428
	Italy	11393	4278	765	1167	1632	1699	1852
	Japan	261733	94791	24241	30444	36221	37848	38188
	Jersey Island	8	2	1	5	0	0	0
	Jordan	12	6	0	0	0	0	6
	Kazakhstan	12	3	1	0	5	1	2
	Korea, Republic of	58572	17400	5015	6660	9300	10596	9601
	Kuwait	9	6	0	0	1	2	0
	Kyrgyzstan	2	0	0	0	1	1	0
	Latvia	14	2	2	1	1	7	1
	Lebanon	8	1	4	2	0	0	1
	Lesotho	1	1	0	0	0	0	0
	Liberia	3	3	0	0	0	0	0
	Liechtenstein	834	390	79	87	84	85	109

	Countries and Regions	Acumulated Number	Year1985-2002	Year 2003	Year 2004	Year 2005	Year 2006	Year 2007	
	Total	713929	278454	57249	74864	93107	102836	107419	
	Lithuania	3	0	0	0	2	0	1	
	Luxemburg	578	288	42	28	53	69	98	
	Madagascar	2	2	0	0	0	0	0	
	Malawi	2	1	0	1	0	0	0	
	Malaysia	522	218	32	66	46	76	84	
	Maldives	2	2	0	0	0	0	0	
	Mali	7	0	2	4	1	0	0	
	Malta	21	4	4	1	2	3	7	
	Marshall Island	1	0	0	0	0	0	1	
	Mauritius	62	2	2	1	34	11	12	
	Mexico	142	55	5	15	14	26	27	
	Moldova	1	0	0	0	0	0	1	
	Monaco	82	49	6	4	4	12	7	
	Morocco	12	1	0	3	1	3	4	
	Namibia	1	0	0	0	0	1	0	
	Netherlands	25446	9641	1376	2960	3988	3721	3760	
	Netherlands Antilles	234	71	23	22	35	54	29	
	New Zealand	691	306	43	44	84	96	118	
	Niger	1	1	0	0	0	0	0	
	Nigeria	5	1	0	2	1	1	0	
	Norway	1575	696	120	159	168	184	248	
	Oman	3	0	0	0	0	0	3	
	Pakistan	6	5	0	0	0	1	0	
	Panama	248	107	19	47	35	25	15	
	Peru	3	2	1	0	0	0	0	
	Philippine	52	30	2	7	6	2	5	
	Poland	167	81	6	12	22	13	33	
	Puerto Rico	2	0	0	0	1	1	0	
	Portugal	105	24	7	11	9	15	39	
	Romania	17	9	1	0	2	1	4	
	Russia	1207	872	57	65	50	85	78	
	Saint Vincent & the Grenadines	2	1	0	0	1	0	0	
	Samoa	75	17	3	5	10	12	28	
	San Kitts and Nevis	2	1	1	0	0	0	0	
	San Marino	8	1	2	1	2	2	0	
	Saudi Arabia	330	14	11	4	28	218	55	
	Senegal	1	1	0	0	0	0	0	
	Serbia and Montenegro	4	0	0	0	2	2	0	
	Seychelles	11	0	1	0	2	3	5	
	Singapore	1855	516	142	156	208	417	416	
	Slovakia	30	0	1	4	10	6	9	
	Slovenia	114	40	14	11	18	17	14	
	South Africa	667	291	56	69	84	85	82	
	Spain	2363	702	164	213	373	391	520	
	Sri Lanka	47	44	0	1	0	1	1	
	Sudan	1	0	1	0	0	0	0	
	Swaziland	1	1	0	0	0	0	0	
	Sweden	11297	5385	694	899	1101	1492	1726	
	Switzerland	19356	8962	1374	1744	2106	2370	2800	
	Syria	1	1	0	0	0	0	0	
	Thailand	417	198	61	51	25	44	38	
	Trinidad and Tobago	2	0	1	0	1	0	0	
	Tunisia	4	1	0	0	0	0	3	
	Turkey	241	39	18	20	46	36	82	
	Uganda	2	0	0	0	0	0	2	
	UK	16315	8162	1314	1401	1613	1813	2012	
	Ukraine	63	36	7	3	4	5	8	
	United Arab Emirates	120	4	1	3	5	51	56	
	Uruguay	13	4	1	6	1	1	0	
	USA	169656	71451	12221	16187	20395	23494	25908	
	Uzbekistan	5	4	1	0	0	0	0	
	Vanuatu	12	8	1	0	2	1	0	
	Vatican	2	2	0	0	0	0	0	
	Venezuela	40	28	3	2	4	0	3	
	Vietnam	10	1	0	0	2	5	2	
	Virgin Islands	1271	347	117	111	133	260	303	
	West Sahara	1	0	1	0	0	0	0	
	Yugoslavia	35	33	0	0	0	0	2	
	Zambia	2	0	1	1	0	0	0	
	Zimbabwe	8	6	0	2	0	0	0	

Table 12 Patents Granted for Foreign Applications, 1985 - 2007

	Countries and Regions	Accumulated Number	Year 1985-2002	Year 2003	Year 2004	Year 2005	Year 2006	Year 2007
	Total	298907	90683	32638	38910	42384	44142	50150
	Andorra	1	0	1	0	0	0	0
	Argentina	12	4	3	2	0	0	3
	Armenia	1	1	0	0	0	0	0
	Australia	2574	939	211	251	382	360	431
	Austria	1361	622	124	125	170	141	179
	Bahamas	67	18	17	5	9	12	6
	Bahrain	1	0	0	1	0	0	0
	Bangladesh	2	0	0	0	0	0	2
	Barbados	22	5	1	5	1	5	5
	Belarus	9	3	0	1	2	0	3
	Belgium	1209	465	125	124	134	167	194
	Belize	1	0	0	1	0	0	0
	Bermuda	66	13	7	11	6	16	13
	Bosnia and Herzegovina	2	0	2	0	0	0	0
	Brazil	265	92	34	25	35	37	42
	Brunei Darussalam	14	0	1	1	1	2	9
	Bulgaria	26	13	0	2	4	2	5
	Canada	2001	718	197	244	270	237	335
	Cayman Islands	158	27	24	12	13	40	42
	Central Africa	2	0	2	0	0	0	0
	Chile	10	4	0	2	1	0	3
	Colombia	4	0	0	2	0	2	0
	Cook Islands	4	0	0	0	1	1	2
	Costarica	1	0	0	0	0	1	0
	Croatia	45	14	2	7	5	5	12
	Cuba	36	5	4	4	9	6	8
	Cyprus	33	10	4	5	5	3	6
	Czech Republic	215	2	21	3	12	68	109
	Czechoslovakia	32	32	0	0	0	0	0
	Denmark	1910	594	217	234	283	265	317
	Dominica	2	1	0	0	0	1	0
	DPRK	3	2	1	0	0	0	0
	Ecuador	1	1	0	0	0	0	0
	Egypt	6	1	0	0	1	3	1
	el Salvador	1	0	0	0	1	0	0
	Estonia	4	1	0	0	1	2	0
	Finland	3211	903	525	466	496	388	433
	France	12120	4196	1180	1541	1674	1668	1861
	Georgia	1	1	0	0	0	0	0
	Germany	25457	7825	2977	3379	3709	3503	4064
	Gibraltar	8	1	2	1	2	1	1
	Greece	33	13	2	6	6	3	3
	Hungary	238	155	17	14	22	15	15
	Iceland	20	7	1	3	6	1	2
	India	389	83	33	75	67	59	72
	Indonesia	79	22	8	5	11	15	18
	Ireland	231	37	18	36	48	30	62
	Islas Malvinas	1	1	0	0	0	0	0
	Israel	624	141	86	112	76	70	139
	Italy	5282	1693	531	506	691	878	983
	Japan	121317	33116	12678	16356	18418	19626	21123
	Jersey Island	3	3	0	0	0	0	0
	Jordan	4	3	0	0	0	1	0
	Kazakhstan	5	2	0	0	1	2	0
	Korea, Republic of	21964	4886	2693	2865	3273	3874	4373
	Kuwait	6	3	0	1	1	1	0
	Latvia	7	0	0	0	1	2	4
	Lebanon	5	0	0	0	2	3	0
	Lesotho	1	1	0	0	0	0	0

	Countries and Region	Accumulated Number	Year 1985-2002	Year 2003	Year 2004	Year 2005	Year 2006	Year 2007
	Total	298907	90683	32638	38910	42384	44142	50150
	Liberia	3	2	1	0	0	0	0
	Liechtenstein	464	144	53	65	68	45	89
	Lithuania	2	0	0	0	0	2	0
	Luxemburg	280	149	15	21	38	25	32
	Madagascar	2	1	0	1	0	0	0
	Malaysia	245	115	20	15	27	35	33
	Maldives	1	0	1	0	0	0	0
	Mali	1	0	0	0	0	0	1
	Malta	7	0	1	3	0	1	2
	Mauritius	34	0	1	0	5	20	8
	Mexico	38	15	1	4	5	4	9
	Monaco	46	23	5	4	8	2	4
	Morocco	7	1	0	2	0	1	3
	Netherlands	9241	2994	868	1276	1333	1329	1441
	Netherlands Antilles	122	11	15	14	35	21	26
	New Zealand	233	96	20	30	24	31	32
	Nigeria	4	0	0	0	2	1	1
	Norway	674	251	80	92	69	88	94
	Pakistan	5	4	0	0	0	0	1
	Panama	123	34	15	12	16	17	29
	Peru	1	1	0	0	0	0	0
	Philippine	24	17	0	2	2	1	2
	Poland	72	27	10	3	4	8	20
	Portugal	25	8	2	2	4	6	3
	Romania	6	2	2	0	1	0	1
	Russia	390	203	29	35	47	38	38
	Saint Vincent & the Grenadines	1	1	0	0	0	0	0
	Samoa	40	17	2	2	4	8	7
	San Marino	4	0	1	0	0	2	1
	Saudi Arabia	236	5	3	4	8	112	104
	Serbia and Montenegro	1	0	0	0	0	1	0
	Seychelles	2	0	0	1	1	0	0
	Singapore	714	238	66	73	99	115	123
	Slovakia	12	1	0	2	3	5	1
	Slovenia	45	9	5	8	9	11	3
	South Africa	234	57	37	23	38	30	49
	Spain	1066	263	90	91	161	222	239
	Sri Lanka	27	22	4	0	0	1	0
	Swaziland	1	1	0	0	0	0	0
	Sweden	5249	1608	832	841	775	515	678
	Switzerland	9250	3725	913	1084	1103	1135	1290
	Syria	1	0	0	0	0	1	0
	Thailand	277	129	23	54	19	12	40
	Trinidad and Tobago	1	0	0	0	0	1	0
	Turkey	108	17	9	17	21	32	12
	Uganda	2	0	0	0	0	0	2
	UK	6939	2679	808	787	885	862	918
	Ukraine	27	9	5	2	3	6	2
	United Arab Emirates	71	3	0	1	1	2	64
	Uruguay	6	0	2	0	1	1	2
	USA	60653	20951	6835	7824	7595	7739	9709
	Uzbekistan	3	1	1	1	0	0	0
	Vanuatu	3	2	0	0	0	1	0
	Venezuela	31	11	4	3	6	5	2
	Vietnam	6	1	0	0	0	1	4
	Virgin Islands	718	134	110	78	114	131	151
	Yugoslavia	19	19	0	0	0	0	0
	Zimbabwe	3	3	0	0	0	0	0

Table 13 Patents in force of Foreign Origin (Through 2007)

Countries and Regions	Total	Invention	Utility Model	Design
Grand Total	227634	176239	4779	46616
Andorra	2	2	0	0
Antigua and Barbuda	1	1	0	0
Argentina	6	3	2	1
Armenia	1	1	0	0
Australia	1726	1206	39	481
Austria	993	864	18	111
Bahamas	46	15	5	26
Barbados	33	27	2	4
Belarus	6	3	0	3
Belgium	866	725	4	137
Bermuda	55	34	12	9
Bosnia and Herzegovina	3	3	0	0
Brazil	214	143	6	65
Brunei Darussalam	14	4	10	0
Bulgaria	9	5	1	3
Canada	1415	1218	65	132
Cayman Islands	256	50	94	112
Chile	8	6	0	2
Colombia	3	2	0	1
Cook Islands	11	1	0	10
Costarica	1	1	0	0
Croatia	39	36	0	3
Cuba	33	33	0	0
Cyprus	30	26	1	3
Czech Republic	174	34	8	132
Denmark	1416	1013	48	355
Dominican Republic	1	1	0	0
DPRK	63	63	0	0
Ecuador	1	1	0	0
Egypt	5	2	0	3
el Salvador	1	1	0	0
Estonia	3	2	0	1
Finland	2656	2099	7	550
France	8821	6812	50	1959
Germany	18740	15090	171	3479
Gibraltar	7	7	0	0
Greece	28	24	0	4
Hungary	106	100	3	3
Iceland	15	15	0	0
India	198	168	0	30
Indonesia	53	9	1	43
Ireland	226	117	17	92
Israel	481	392	5	84
Italy	3794	2248	63	1483
Japan	99341	76233	1815	21293
Jersey Island	3	3	0	0
Jordan	1	1	0	0
Kazakhstan	8	8	0	0
Kenya	1	1	0	0
Korea, Republic of	17806	13932	375	3499
Kuwait	2	2	0	0
Latvia	8	4	2	2
Lebanon	4	2	2	0

	Countries and Regions	Total	Invention	Utility Model	Design
	Grand Total	227634	176239	4779	46616
	Liechtenstein	334	196	0	138
	Luxemburg	170	153	0	17
	Madagascar	2	2	0	0
	Malaysia	131	45	4	82
	Malta	6	3	0	3
	Mauritania	3	0	2	1
	Mauritius	44	6	18	20
	Mexico	21	18	0	3
	Monaco	23	20	0	3
	Morocco	9	2	2	5
	Netherlands	6111	5304	26	781
	Netherlands Antilles	117	111	0	6
	New Zealand	144	109	2	33
	Nigeria	2	0	0	2
	Norway	459	398	1	60
	Pakistan	5	0	0	5
	Panama	83	76	3	4
	Philippine	12	1	7	4
	Poland	37	30	5	2
	Puerto Rico	3	3	0	0
	Portugal	27	21	0	6
	Romania	7	6	0	1
	Russia	353	311	34	8
	Saint Kitts and Nevis	1	1	0	0
	Saint Vincent & the Grenadines	1	1	0	0
	Samoa	27	0	26	1
	San Marino	7	2	0	5
	Saudi Arabia	231	23	2	206
	Seychelles	7	7	0	0
	Singapore	583	356	19	208
	Slovalcia	16	9	0	7
	Slovenia	34	30	0	4
	South Africa	167	153	6	8
	Spain	752	307	25	420
	Sri Lanka	1	0	1	0
	Swaziland	1	1	0	0
	Sweden	4000	3538	15	447
	Switzerland	6607	5159	43	1405
	Thailand	118	30	16	72
	Turkey	62	16	2	44
	Uganda	2	0	0	2
	UK	4424	3248	77	1099
	Ukraine	40	39	1	0
	United Arab Emirates	60	6	0	54
	Uruguay	5	5	0	0
	USA	42042	33508	1525	7009
	Uzbekistan	1	1	0	0
	Vanuatu	1	1	0	0
	Venezuela	26	20	0	6
	Vietnam	6	0	0	6
	Virgin Islands	572	167	91	314
	Yugoslavia	3	3	0	0