

Appendix

1. Statistics

Table 1 Comparative Table of Numbers of Domestic and Foreign Granted Patents (2003–2017)

	Total				Domestic				Foreign			
	Grand Total	Invention	Utility Model	Design	Sub-total	Invention	Utility Model	Design	Sub-total	Invention	Utility Model	Design
Accumulated Total	13154777	2636660	6334462	4183655	12024427	1754071	6281888	3988468	1130350	882589	52574	195187
Average Increasing Rate	19.2%	21.9%	20.8%	15.1%	20.0%	30.7%	20.8%	15.5%	12.3%	12.7%	19.8%	9.4%
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%
2008	411982	93706	176675	141601	352406	46590	175169	130647	59576	47116	1506	10954
	17.1%	37.9%	17.8%	5.8%	16.8%	45.8%	18.0%	7.7%	18.8%	30.9%	-8.4%	-12.4%
2009	581992	128489	203802	249701	501786	65391	202113	234282	80206	63098	1689	15419
	41.3%	37.1%	15.4%	76.3%	42.4%	40.4%	15.4%	79.3%	34.6%	33.9%	12.2%	40.8%
2010	814825	135110	344472	335243	740620	79767	342256	318597	74205	55343	2216	16646
	40.0%	5.2%	69.0%	34.3%	47.6%	22.0%	69.3%	36.0%	-7.5%	-12.3%	31.2%	8.0%
2011	960513	172113	408110	380290	883861	112347	405086	366428	76652	59766	3024	13862
	17.9%	27.4%	18.5%	13.4%	19.3%	40.8%	18.4%	15.0%	3.3%	8.0%	36.5%	-16.7%
2012	1255138	217105	571175	466858	1163226	143847	566750	452629	91912	73258	4425	14229
	30.7%	26.1%	40.0%	22.8%	31.6%	28.0%	39.9%	23.5%	19.9%	22.6%	46.3%	2.6%
2013	1313000	207688	692845	412467	1228413	143535	686208	398670	84587	64153	6637	13797
	4.6%	-4.3%	21.3%	-11.7%	5.6%	-0.2%	21.1%	-11.9%	-8.0%	-12.4%	50.0%	-3.0%
2014	1302687	233228	707883	361576	1209402	162680	699971	346751	93285	70548	7912	14825
	-0.8%	12.3%	2.2%	-12.3%	-1.5%	13.3%	2.0%	-13.0%	10.3%	10.0%	19.2%	7.5%
2015	1718192	359316	876217	482659	1596977	263436	868734	464807	121215	95880	7483	17852
	31.9%	54.1%	23.8%	33.5%	32.0%	61.9%	24.1%	34.0%	29.9%	35.9%	-5.4%	20.4%
2016	1753763	404208	903420	446135	1628881	302136	897035	429710	124882	102072	6385	16425
	2.1%	12.5%	3.1%	-7.6%	2.0%	14.7%	3.3%	-7.6%	3.0%	6.5%	-14.7%	-8.0%
2017	1836434	420144	973294	442996	1720828	326970	967416	426442	115606	93174	5878	16554
	4.7%	3.9%	7.7%	-0.7%	5.6%	8.2%	7.8%	-0.8%	-7.4%	-8.7%	-7.9%	0.8%



Table 2 Volume of Domestic Granted Patents (1985–2017)

Regions	Accumulative Total	1985–2010	2011	2012	2013	2014	2015	2016	2017
Accumulative Total (National)	11095232	3384472	883861	1163226	1228413	1209402	1596977	1628881	1720828
Beijing	611885	188545	40888	50511	62671	74661	94031	100578	106948
Tianjin	222069	60022	13982	19782	24856	26351	37342	39734	41675
Hebei	195907	69199	11119	15315	18186	20132	30130	31826	35348
Shanxi	75751	26563	4974	7196	8565	8371	10020	10062	11311
Inner Mongolia	40435	15854	2262	3084	3836	4031	5522	5846	6271
Liaoning	252396	120530	19176	21223	21656	19525	25182	25104	26495
Jilin	78944	36306	4920	5930	6219	6696	8878	9995	11090
Heilongjiang	158577	53853	12236	20268	19819	15412	18943	18046	18221
Shanghai	548541	225052	47960	51508	48680	50488	60623	64230	72806
Jiangsu	1798142	407384	199814	269944	239645	200032	250290	231033	227187
Zhejiang	1591320	425334	130190	188463	202350	188544	234983	221456	213805
Anhui	344236	50983	32681	43321	48849	48380	59039	60983	58213
Fujian	345372	88887	21857	30497	37511	37857	61621	67142	68304
Jiangxi	119283	26314	5550	7985	9970	13831	24161	31472	33029
Shandong	715380	235052	58844	75496	76976	72818	98101	98093	100522
Henan	287538	81729	19259	26791	29482	33366	47766	49145	55407
Hubei	258804	77641	19035	24475	28760	28290	38781	41822	46369
Hunan	234491	76061	16064	23212	24392	26637	34075	34050	37916
Guangdong	1707013	574411	128413	153598	170430	179953	241176	259032	332652
Guangxi	82616	26335	4402	5900	7884	9664	13573	14858	15270
Hainan	19003	5040	765	1093	1331	1597	2061	7116	2133
Chongqing	178375	52493	15525	20364	24828	24312	38914	1939	34780
Sichuan	396004	124358	28446	42218	46171	47120	64953	42738	64006
Guizhou	121613	17586	3386	6059	7915	10107	14115	62445	12559
Yunnan	73739	26676	4199	5853	6804	8124	11658	10425	14230
Tibet	13607	835	142	133	121	146	198	12032	420
Shaanxi	152147	48326	11662	14908	20836	22820	33350	245	34554

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Regions	Accumulated Total	1985-2010	2011	2012	2013	2014	2015	2016	2017
Gansu	83551	12305	2383	3662	4737	5097	6912	48455	9672
Qinghai	13863	2485	538	527	502	619	1217	7975	1580
Ningxia	13221	5907	613	844	1211	1424	1865	1357	4244
Xinjiang	44779	17024	2642	3439	4998	5238	8761	2677	8094
Taiwan, China	260968	180157	17327	16982	15832	14837	15654	179	12690
Hong Kong SAR	52153	25020	2588	2619	2297	2867	2940	13822	2888
Macao SAR	3509	205	19	26	93	55	142	2969	139
(Shenyang)	269041	85999	18339	22045	26192	28198	39883	48385	9891
(Dalian)	42682	14190	3146	3884	4014	4406	5981	7061	7768
(Changchun)	145375	43155	11588	13689	15901	16335	21740	22967	8189
(Harbin)	165842	35343	12419	18584	19565	22910	28153	28868	12117
(Nanjing)	307931	75746	29075	40554	41511	33585	46320	41140	32225
(Hangzhou)	150514	31982	9274	11862	16250	17495	25372	38279	42311
(Ningbo)	116197	35377	11345	14264	12405	11760	15573	15473	36993
(Xiamen)	85870	41515	5456	6752	6924	6661	9034	9528	14704
(Jinan)	281995	76859	21228	32533	33468	31935	44852	41120	17347
(Qingdao)	71435	28655	8115	7491	7316	5886	7181	6791	23886
(Wuhan)	76201	21454	5485	7479	8248	8943	12474	12118	25528
(Guangzhou)	85707	25334	6260	9788	10315	9284	12467	12259	60270
(Shenzhen)	477867	139063	39363	48791	49785	53701	72126	75038	94292
(Chengdu)	128822	36747	9085	12721	13861	14184	20176	22048	41091
(Xi'an)	361227	76171	37309	59175	58406	43286	46088	40792	25349
(Xinjiang Production and Construction Corp)	4336	604	307	437	479	526	930	1053	1157

Table 3 Numbers of Domestic Granted Inventions, Utility Models and Designs (2017)

Regions	Total	Invention	Utility Model	Design	Regions	Total	Invention	Utility Model	Design
Accumulative Total (National)	1720828	326970	967416	426442	Tibet	420	42	257	121
Beijing	106948	46091	46011	14846	Shaanxi	34554	8774	17003	8777
Tianjin	41675	5844	32353	3478	Gansu	9672	1340	6637	1695
Hebei	35348	4927	21841	8580	Qinghai	1580	240	1079	261
Shanxi	11311	2382	7730	1199	Ningxia	4244	657	3345	242
Inner Mongolia	6271	848	4453	970	Xinjiang	8094	950	5630	1514
Liaoning	26495	7708	15821	2966	Taiwan, China	12690	6158	5125	1407
Jilin	11090	3057	6673	1360	Hong Kong SAR	2888	554	751	1583
Heilongjiang	18221	4947	11395	1879	Macao SAR	139	16	19	104
Shanghai	72806	20681	39942	12183	(Shenyang)	9891	3373	5498	1020
Jiangsu	227187	41518	126482	59187	(Dalian)	7768	2604	4497	667
Zhejiang	213805	28742	114311	70752	(Changchun)	8189	2605	4795	789
Anhui	58213	12440	38304	7469	(Harbin)	12117	4275	6852	990
Fujian	68304	8718	39608	19978	(Nanjing)	32225	10730	17351	4144
Jiangxi	33029	2238	17613	13178	(Hangzhou)	42311	9875	21326	11110
Shandong	100522	19090	67005	14427	(Ningbo)	36993	5382	16518	15093
Henan	55407	7914	35822	11671	(Xiamen)	14704	2336	8193	4175
Hubei	46369	10880	28867	6622	(Jinan)	17347	5043	10452	1852
Hunan	37916	7909	20337	9670	(Qingdao)	23886	5941	15088	2857
Guangdong	332652	45740	169017	117895	(Wuhan)	25528	8444	14260	2824
Guangxi	15270	4553	7755	2962	(Guangzhou)	60270	9349	32201	18720
Hainan	2133	373	1285	475	(Shenzhen)	94292	18938	44471	30883
Chongqing	34780	6138	23261	5381	(Chengdu)	41091	7990	19687	13414
Sichuan	64006	11367	33613	19026	(Xi'an)	25349	7990	11784	5575
Guizhou	12559	1875	7986	2698	(Xinjiang Production and Construction Corp)	1157	199	852	106
Yunnan	14230	2259	10085	1886					

Table 4 Volume of Foreign Granted Patent Applications (1985–2017)

Countries or Regions	Accumulative Total	1985–2010	2011	2012	2013	2014	2015	2016	2017
Total	1105420	512887	76652	91912	84587	93285	121215	124882	115606
Andorra	8	4	0	0	1	2	1	0	0
United Arab Emirates	208	119	4	10	12	29	19	15	33
Albania	2	0	0	0	0	0	0	0	2
Afghanistan	10	7	2	0	1	0	0	0	0
Antigua and Barbuda	7	5	0	0	1	1	0	0	0
Anguilla Islands	2	0	0	1	1	0	0	0	0
Armenia	5	2	0	0	0	1	0	2	0
Netherlands Antilles	221	173	11	10	10	4	9	4	3
Angola	1	0	0	0	0	1	0	0	0
Argentina	66	29	4	5	7	4	9	8	5
American Samoa	2	0	0	0	0	1	1	0	0
Austria	5493	2145	342	381	412	572	786	855	920
Australia	7906	4206	481	670	584	517	766	682	639
Azerbaijan	2	0	1	0	0	0	1	0	1
Barbados	637	98	39	67	64	85	128	156	146
Bangladesh	4	2	0	0	0	2	0	0	0
Belgium	5085	1974	395	537	494	445	612	628	587
Bulgaria	63	36	2	4	2	6	5	8	4
Bahrain	1	1	0	0	0	0	0	0	0
Benin	1	0	0	1	0	0	0	0	0
Bermuda Islands	612	165	83	112	91	74	50	37	52
Brunei Darussalam	86	47	10	8	3	6	11	1	3
Brazil	1191	478	77	114	99	148	156	119	102
Bahamas	193	107	10	9	11	17	22	17	6
Belarus	14	14	0	0	0	0	0	0	0
Belize	65	22	4	2	14	8	12	3	8
Canada	8472	3720	677	812	721	760	874	908	830
Democratic Republic of the Congo	13	0	0	0	0	0	6	7	0
Central African Republic	2	2	0	0	0	0	0	0	0
Switzerland	31272	14221	2041	2539	2293	2820	3424	3934	3317
Cook Islands	20	12	6	0	1	1	0	0	1
Chile	76	21	4	2	9	14	15	11	10

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Countries or Regions	Accumulative Total	1985-2010	2011	2012	2013	2014	2015	2016	2017
Cameroon	1	0	0	1	0	0	0	0	0
Colombia	41	20	3	1	7	4	4	2	8
Costa Rica	2	1	0	0	0	1	0	0	1
Czechoslovakia	32	32	0	0	0	0	0	0	0
Cuba	103	55	5	11	12	9	7	4	3
Kuġaċao	1	0	0	0	0	0	1	0	0
Cyprus	205	66	32	27	12	21	13	34	25
Czech Republic	958	426	59	110	80	70	124	89	127
Germany	104935	43295	7098	8702	8623	9440	13192	14585	13405
Denmark	7101	3107	468	574	629	698	821	804	722
Dominican Republic	7	3	0	1	0	2	1	0	5
Algeria	4	1	0	0	0	2	1	0	2
Ecuador	9	1	1	3	1	1	2	0	0
Estonia	41	10	2	3	2	8	10	6	4
Egypt	35	9	6	14	1	2	0	3	2
Spain	3885	1849	307	288	279	370	414	378	381
Ethiopia	2	0	0	0	0	1	1	0	0
Finland	10654	5374	679	939	790	809	1027	1036	952
Fiji	9	9	0	0	0	0	0	0	0
Falklands Islands (Malvinas Islands)	1	1	0	0	0	0	0	0	0
France	41952	19663	2528	3345	3475	3556	4441	4944	4185
Gabon	2	2	0	0	0	0	0	0	0
United Kingdom	20728	10369	1271	1571	1520	1584	2191	2222	2110
Georgia	9	4	0	0	0	1	0	4	1
Gibraltar	25	10	1	0	3	3	5	3	4
Greece	181	76	16	15	6	16	30	22	17
Guatemala	6	0	0	0	0	0	1	5	0
Honduras	1	1	0	0	0	0	0	0	0
Croatia	68	56	3	4	2	0	0	3	0
Haiti	1	1	0	0	0	0	0	0	0
Hungary	442	290	23	24	33	23	25	24	22
Indonesia	182	120	17	12	12	6	8	7	12
Ireland	1319	413	100	134	120	157	191	204	211
Israel	3423	1165	228	345	352	361	453	519	503

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Countries or Regions	Accumulative Total	1985-2010	2011	2012	2013	2014	2015	2016	2017
India	1622	673	86	113	118	157	241	234	162
Iraq	7	1	0	1	1	1	1	2	0
Iran	31	4	3	1	0	2	14	7	22
Iceland	136	43	15	16	19	20	10	13	14
Italy	18466	8879	1342	1542	1463	1538	1769	1933	1843
Jersey Island	5	4	0	1	0	0	0	0	0
Jordan	19	8	0	3	0	0	3	5	1
Japan	424834	211003	30637	35403	29830	33955	43435	40571	36224
Kenya	2	0	1	0	0	1	0	0	0
Kyrgyzstan	4	2	0	1	0	0	0	1	0
Saint Kitts and Nevis	2	0	0	0	1	1	0	0	0
DPR Korea	15	6	3	1	2	0	1	2	0
Republic of Korea	89144	42636	6631	6941	6031	6812	9421	10672	11107
Kuwait	9	8	0	0	0	0	0	1	1
Cayman Islands	3113	459	223	223	247	268	724	969	889
Kazakhstan	22	10	2	7	1	1	1	0	1
Lebanon	19	6	2	2	3	0	4	2	3
Liechtenstein	1347	788	88	79	58	56	125	153	135
Sri Lanka	33	28	1	0	0	1	3	0	0
Liberia	3	3	0	0	0	0	0	0	0
Lesotho	1	1	0	0	0	0	0	0	0
Lithuania	13	2	0	3	0	6	1	1	0
Luxembourg	1521	471	62	175	144	178	233	258	221
Latvia	41	10	7	5	6	4	7	2	2
Morocco	53	8	4	1	4	0	35	1	0
Monaco	94	67	4	5	4	5	5	4	4
Republic of Moldova	2	0	0	0	0	1	1	0	0
Madagascar	2	2	0	0	0	0	0	0	0
Marshall Islands	6	0	1	1	0	0	3	1	2
Mali	17	1	1	2	0	1	5	7	5
Myanmar	5	0	0	0	0	0	4	0	1
Mongolia	8	5	0	0	1	1	0	1	0
Malta	103	13	7	11	16	14	9	33	24
Mauritius	137	77	8	20	5	6	10	11	5

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Countries or Regions	Accumulative Total	1985–2010	2011	2012	2013	2014	2015	2016	2017
Maldives	1	1	0	0	0	0	0	0	0
Mexico	437	110	31	49	46	53	110	38	36
Malaysia	1082	533	76	96	63	95	127	92	68
Namibia	1	1	0	0	0	0	0	0	1
Nigeria	14	5	0	0	1	4	3	1	2
Netherlands	30319	15603	2228	2440	2187	2304	2658	2899	2632
Norway	2214	1076	146	177	173	185	238	219	205
Nepal	3	0	0	2	1	0	0	0	0
New Zealand	1056	466	61	79	92	88	131	139	153
Oman	1	1	0	0	0	0	0	0	1
Panama	276	191	19	26	19	6	7	8	4
Peru	5	1	0	0	2	1	1	0	0
Papua New Guinea	2	0	0	0	0	0	1	1	0
Philippines	90	44	5	1	0	9	13	18	12
Pakistan	17	6	0	0	0	3	4	4	4
Poland	389	126	36	43	28	46	44	66	57
Puerto Rico	7	2	0	1	1	0	3	0	4
Portugal	180	61	17	19	15	12	32	24	17
Paraguay	1	1	0	0	0	0	0	0	2
Qatar	8	0	0	0	1	2	2	3	7
Romania	23	11	1	5	2	0	2	2	0
Serbia	7	1	1	0	2	0	1	2	1
Russian Federation	1358	615	86	113	97	144	153	150	145
Saudi Arabia	690	348	19	26	34	27	59	177	191
Seychelles	128	17	2	7	9	21	36	36	11
Sweden	17836	8348	1250	1689	1465	1494	1777	1813	1860
Singapore	3919	1432	306	403	334	370	489	585	851
Slovenia	213	83	18	18	14	25	31	24	33
Slovakia	80	36	5	8	3	4	9	15	10
San Marino	10	8	0	0	2	0	0	0	0
Senegal	1	1	0	0	0	0	0	0	0
Salvador	2	1	0	0	0	1	0	0	0
Syria	5	3	0	0	0	1	1	0	0

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Countries or Regions	Accumulative Total	1985-2010	2011	2012	2013	2014	2015	2016	2017
Swaziland	1	1	0	0	0	0	0	0	0
Turks and Caicos Islands	1	0	0	0	1	0	0	0	0
Thailand	500	357	17	16	20	26	27	37	55
Tunesia	3	3	0	0	0	0	0	0	3
Turkey	866	318	62	75	81	85	112	133	64
Trinidad and Tobago	5	1	0	3	0	0	0	1	0
Tanzania	2	0	0	0	0	2	0	0	0
Ukraine	92	38	2	4	8	16	12	12	15
Uganda	2	2	0	0	0	0	0	0	0
United States	240406	102059	15822	20160	20666	22040	28842	30817	28776
Uruguay	14	8	0	2	0	3	0	1	1
Uzbekistan	6	3	0	1	0	0	2	0	0
Saint Vencent and the Grenadines	9	1	0	2	1	3	1	1	0
Venezuela	48	33	2	2	1	5	4	1	2
Virgin Islands	3068	1189	207	366	362	417	241	286	215
Viet Nam	60	6	4	12	15	2	6	15	40
Vanuatu	5	4	1	0	0	0	0	0	0
Samoa	189	70	10	18	22	31	21	17	15
Yemen	6	3	1	0	0	0	0	2	3
Yugoslavia	24	22	1	0	0	1	0	0	0
South Africa	789	376	48	84	75	67	79	60	72
Zambia	1	0	0	0	0	0	1	0	0
Zimbabwe	4	4	0	0	0	0	0	0	0
Jamaica	2	0	0	0	0	0	0	2	1
Bosnia and Herzegovina	1	0	0	0	0	0	0	1	0
Cote D'Ivoire	1	0	0	0	0	0	0	1	0
Macedonie	1	0	0	0	0	0	0	1	0
Chad	1	0	0	0	0	0	0	1	0

Table 5 Numbers of Valid Domestic Patents (by the end of 2017)

Regions	Total	Invention	Utility Model	Design	Regions	Total	Invention	Utility Model	Design
Accumulative Total (National)	6324215	1413911	3563389	1346915	Tibet	1474	539	552	383
Beijing	494941	205320	231317	58304	Shaanxi	119892	33752	61741	24399
Tianjin	144706	28601	103717	12388	Gansu	28222	6045	18066	4111
Hebei	128291	21499	80716	26076	Qinghai	5107	1182	3072	853
Shanxi	44848	11675	28663	4510	Ningxia	10288	2216	7361	711
Inner Mongolia	23846	4505	15592	3749	Xinjiang	28064	4458	18792	4814
Liaoning	113693	33270	69555	10868	Taiwan, China	103219	53136	41619	8464
Jilin	39892	11585	23286	5021	Hong Kong SAR	16426	4831	4025	7570
Heilongjiang	65756	20007	39270	6479	Macao SAR	563	98	142	323
Shanghai	329442	100433	182459	46550	(Shenyang)	39859	13387	22599	3873
Jiangsu	809379	179963	473244	156172	(Dalian)	32846	11371	18950	2525
Zhejiang	785190	109952	437039	238199	(Changchun)	28059	8844	16193	3022
Anhui	212785	47734	139040	26011	(Harbin)	44077	16537	23967	3573
Fujian	226325	31006	134193	61126	(Nanjing)	120100	41515	65106	13479
Jiangxi	94531	8936	54462	31133	(Hangzhou)	174053	43917	92085	38051
Shandong	351351	74590	227491	49270	(Ningbo)	155511	20731	78524	56256
Henan	174998	28615	115789	30594	(Xiamen)	57905	9414	34420	14071
Hubei	169585	40410	108329	20846	(Jinan)	63368	18246	38608	6514
Hunan	142224	34774	79679	27771	(Qingdao)	83360	21805	49790	11765
Guangdong	1165677	208502	574463	382712	(Wuhan)	99004	30962	58532	9510
Guangxi	54582	18157	26744	9681	(Guangzhou)	202389	39492	101938	60959
Hainan	8442	2344	4545	1553	(Shenzhen)	373048	106926	170444	95678
Chongqing	121604	22306	77986	21312	(Chengdu)	134168	30540	72075	31553
Sichuan	215601	44511	120675	50415	(Xi'an)	92972	30189	46813	15970
Guizhou	43048	8408	27291	7349	(Xinjiang Production and Construction Corp)	3627	714	2661	252
Yunnan	50223	10551	32474	7198					

Table 6 Numbers of Valid Foreign Patents (by the end of 2017)

Countries/ Regions	Total	Invention	Utility Model	Design	Countries/ Regions	Total	Invention	Utility Model	Design
Total	823393	671456	39798	112139	Canada	6147	4990	234	923
Andorra	7	5	1	1	Democratic Republic of the Congo	13	0	0	13
United Arab Emirates	109	49	13	47	Switzerland	23696	17977	1249	4470
Afghanistan	0	0	0	0	Cook Islands	14	3	1	10
Antigua and Barbuda	6	4	0	2	Chile	67	64	2	1
Anguilla Islands	3	2	1	0	Cameroon	1	1	0	0
Albania	2	0	1	1	Colombia	27	16	2	9
Armenia	3	2	0	1	Costa Rica	2	1	0	1
Netherlands Antilles	42	42	0	0	Cuba	74	74	0	0
Angola	1	0	0	1	Kułaçao	1	1	0	0
Argentina	41	30	4	7	Cyprus	131	85	14	32
American Samoa	4	1	2	1	Czech Republic	590	135	46	409
Austria	4729	4060	221	448	Germany	85058	69505	4049	11504
Australia	4290	2810	268	1212	Denmark	5218	4064	169	985
Azerbaijan	2	1	1	0	Dominican Republic	6	1	1	4
Bosnia and Herzegovina	2	1	0	1	Algeria	5	2	1	2
Barbados	797	649	11	137	Ecuador	6	2	0	4
Bangladesh	1	0	0	1	Estonia	26	13	1	12
Belgium	4115	3572	118	425	Egypt	13	5	2	6
Bulgaria	35	23	3	9	Spain	2327	1367	118	842
Bahrain	2	2	0	0	Ethiopia	2	0	1	1
Benin	0	0	0	0	Finland	7746	6499	381	866
Bermuda Islands	454	312	60	82	France	30804	24784	1404	4616
Brunei Darussalam	16	9	7	0	United Kingdom	13829	9904	602	3323
Brazil	764	457	69	238	Georgia	3	1	1	1
Bahamas	102	91	1	10	Gibraltar	27	23	1	3
Belize	50	5	36	9	Greece	131	83	1	47
					Guatemala	0	0	0	0

Continued

Countries/ Regions	Total	Invention	Utility Model	Design	Countries/ Regions	Total	Invention	Utility Model	Design
Croatia	10	8	1	1	Luxembourg	1708	1258	88	362
Hungary	165	148	8	9	Latvia	19	15	1	3
Indonesia	67	20	7	40	Morocco	45	8	0	37
Ireland	1470	1355	32	83	Monaco	35	28	2	5
Israel	2766	2169	197	400	Republic of Moldova	1	0	0	1
Isle of Man	1	1	0	0	Montenegro	1	0	0	1
India	1105	932	41	132	Madagascar	0	0	0	0
Iraq	6	0	4	2	Marshall Islands	5	4	1	0
Iran	41	2	9	30	Mali	17	2	5	10
Iceland	85	83	1	1	Myanmar	16	2	9	5
Italy	12249	8228	540	3481	Mongolia	1	1	0	0
Jersey Island	3	3	0	0	Malta	138	120	9	9
Jordan	9	4	0	5	Mauritius	114	104	2	8
Japan	302116	255429	14433	32254	Mexico	421	310	7	104
Kenya	0	0	0	0	Malaysia	662	270	126	266
Kyrgyzstan	1	1	0	0	Namibia	1	1	0	0
Saint Kitts and Nevis	1	1	0	0	Nigeria	6	0	0	6
DPR Korea	5	3	2	0	Netherlands	20203	17567	429	2207
Republic of Korea	68991	52355	2421	14215	Norway	1461	1267	24	170
Kuwait	5	2	0	3	Nepal	0	0	0	0
Cayman Islands	5392	3793	253	1346	New Zealand	793	497	51	245
Kazakhstan	11	9	2	0	Oman	1	1	0	0
Lebanon	11	3	2	6	Panama	135	103	4	28
Saint Lucia	1	1	0	0	Peru	4	2	2	0
Liechtenstein	773	558	9	206	Papua New Guinea	2	0	0	2
Sri Lanka	4	3	0	1	Philippines	93	64	11	18
Lithuania	6	2	2	2	Pakistan	11	1	3	7

Continued

Countries/ Regions	Total	Invention	Utility Model	Design	Countries/ Regions	Total	Invention	Utility Model	Design
Poland	314	185	14	115	Turkey	588	330	34	224
Puerto Rico	10	6	1	3	Trinidad and Tobago	4	3	0	1
Portugal	119	85	1	33	Tanzania	0	0	0	0
Paraguay	2	0	0	2	Ukraine	57	30	9	18
Qatar	16	12	0	4	United States	186843	155771	9820	21252
Romania	5	4	1	0	Uruguay	7	7	0	0
Serbia	6	6	0	0	Uzbekistan	3	3	0	0
Russian Federation	723	481	116	126	Saint Vencent and the Grenadines	1	1	0	0
Saudi Arabia	558	411	6	141	Venezuela	6	4	0	2
Seychelles	137	53	43	41	Virgin Islands	1962	972	343	647
Sweden	13341	10952	342	2047	Viet Nam	71	12	1	58
Singapore	4587	2804	1093	690	Samoa	315	196	94	25
Slovenia	151	119	0	32	Yemen	3	0	0	3
Slovakia	47	26	1	20	Yugoslavia	2	2	0	0
San Marino	0	0	0	0	South Africa	511	429	17	65
Salvador	2	2	0	0	Zambia	1	0	1	0
Syria	1	0	0	1	Jamaica	2	2	0	0
Turks and Caicos Islands	0	0	0	0	Cote D'ivoire	1	0	0	1
Thailand	263	78	25	160	Macedonie	1	1	0	0
Tunesia	4	4	0	0	Chad	1	0	1	0