

Appendix table 6-10

U.S. patents granted, by residence of inventor/type of ownership: Pre-1988 and 1988–2001

Country/economy	Total	Pre-1988	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
All.....	3,247,452	1,642,070	77,924	95,537	90,365	96,512	97,444	98,342	101,676	101,419	109,645	111,983	147,518	153,485	157,495	166,037
U.S. origin.....	1,957,663	1,091,442	40,497	50,185	47,391	51,178	52,253	53,231	56,066	55,739	61,104	61,707	80,289	83,905	85,070	87,606
Foreign origin	1,289,789	550,628	37,427	45,352	42,974	45,334	45,191	45,111	45,610	45,680	48,541	50,276	67,229	69,580	72,425	78,431
Japan.....	485,959	148,022	16,158	20,168	19,525	21,025	21,925	22,293	22,384	21,764	23,053	23,179	30,840	31,104	31,296	33,223
Germany.....	242,588	130,307	7,352	8,351	7,614	7,680	7,309	6,893	6,731	6,600	6,818	7,008	9,095	9,337	10,234	11,259
Taiwan.....	30,017	1,293	457	591	732	906	1,001	1,189	1,443	1,620	1,897	2,057	3,100	3,693	4,667	5,371
France.....	93,259	48,924	2,661	3,140	2,866	3,030	3,029	2,909	2,779	2,821	2,788	2,958	3,674	3,820	3,819	4,041
United Kingdom.....	105,645	65,151	2,579	3,095	2,789	2,800	2,425	2,295	2,234	2,478	2,453	2,678	3,464	3,572	3,667	3,965
Canada.....	60,896	27,696	1,489	1,959	1,859	2,037	1,964	1,944	2,008	2,104	2,232	2,379	2,974	3,226	3,419	3,606
South Korea.....	21,707	343	97	159	225	405	538	779	943	1,161	1,493	1,891	3,259	3,562	3,314	3,538
Sweden.....	31,604	18,067	777	837	768	716	626	636	706	806	854	867	1,225	1,401	1,577	1,741
Italy.....	35,855	17,227	1,076	1,297	1,259	1,209	1,271	1,285	1,215	1,078	1,200	1,239	1,584	1,492	1,714	1,709
Switzerland.....	46,056	28,778	1,245	1,363	1,284	1,335	1,197	1,127	1,169	1,056	1,112	1,090	1,279	1,279	1,322	1,420
Netherlands.....	29,262	15,486	806	1,061	960	992	855	800	852	799	797	808	1,226	1,247	1,241	1,332
Israel.....	9,131	2,314	238	325	299	304	335	314	350	384	484	534	754	743	783	970
Australia.....	12,965	5,485	416	501	432	463	409	378	467	459	471	478	720	707	704	875
Finland.....	8,334	2,423	232	230	304	331	361	293	312	358	444	452	595	649	618	732
Belgium.....	12,384	5,906	302	359	313	324	325	350	352	397	488	515	693	648	694	718
Austria.....	11,354	5,856	337	402	393	359	371	312	289	337	362	376	387	479	505	589
Denmark.....	7,394	3,490	151	221	158	210	193	197	207	199	241	333	392	487	436	479
Singapore.....	1,261	76	6	18	12	15	32	38	51	53	88	94	120	144	218	296
Spain.....	4,140	1,677	126	131	130	153	133	158	141	148	157	177	248	222	270	269
Norway.....	4,106	1,939	121	126	112	111	108	117	126	130	139	142	198	224	248	265
Hong Kong.....	1,745	391	41	48	52	50	60	60	57	86	88	81	160	155	179	237
Russian Federation.....	1,153	NA	NA	NA	NA	NA	NA	3	38	98	116	111	189	181	183	234
China.....	1,125	141	47	52	47	50	41	53	48	62	46	62	72	90	119	195
India.....	1,079	301	14	14	23	22	24	30	27	37	35	47	85	112	131	177
Ireland.....	1,446	435	43	65	54	56	55	53	50	50	78	73	74	94	123	143
New Zealand.....	1,702	737	55	58	51	41	44	39	37	44	52	85	114	114	107	124
South Africa.....	3,282	1,744	103	134	114	105	97	93	101	123	111	101	115	110	111	120
Brazil.....	1,373	487	29	36	41	62	40	57	60	63	63	62	74	91	98	110
Mexico.....	1,988	1,302	44	39	32	29	39	45	44	40	39	45	57	76	76	81
Hungary.....	2,495	1,596	94	129	93	85	88	61	46	50	43	25	50	39	36	60
Argentina.....	955	522	16	20	17	16	20	24	32	31	30	35	43	44	54	51
Luxembourg.....	722	365	29	29	17	27	26	28	22	24	18	22	20	22	40	33
Venezuela.....	583	221	20	23	20	25	22	31	23	29	25	25	27	39	27	26
Poland.....	715	550	8	14	17	8	5	8	8	8	15	11	15	19	13	16
Czechoslovakia.....	2,137	1,893	33	34	39	27	17	13	19	15	8	9	9	5	9	7
Soviet Union.....	6,993	6,158	96	161	174	178	66	65	53	12	16	4	6	3	1	0
Others (128).....	6,379	3,325	129	162	149	148	140	141	186	156	187	223	292	350	372	419
Ownership																
U.S. corporations.....	1,525,517	830,372	31,437	38,664	36,094	39,133	40,308	41,825	44,036	44,035	48,741	50,220	66,052	69,390	70,884	74,326
U.S. Government.....	50,208	36,052	733	880	983	1,183	1,161	1,167	1,258	1,028	923	944	1,027	983	929	957
U.S. individuals.....	456,650	265,947	10,122	13,028	12,542	13,207	12,751	12,281	12,805	12,885	13,729	12,914	16,407	16,698	16,129	15,205
Foreign corporations.....	1,045,592	415,526	30,960	37,506	35,548	37,593	38,239	38,401	38,788	38,688	41,477	42,907	57,667	60,168	63,182	68,942
Foreign government.....	10,784	6,411	453	441	423	472	463	434	296	245	259	273	256	162	104	92
Foreign individuals.....	158,701	87,762	4,219	5,018	4,775	4,924	4,522	4,234	4,493	4,538	4,516	4,725	6,109	6,084	6,267	6,515

NA not available

SOURCE: U.S. Patent and Trademark Office, Information Products Division, Technology Assessment and Forecast Branch, special tabulations (Washington, DC, December 2002).