

Appendix table 5-62

U.S. utility patent awards, by selected characteristics of patent owner: 1997–2012

Characteristic	1997–2012	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Patents granted	2,734,378	111,982	147,509	153,481	157,489	166,033	167,327	169,020	164,290	143,805	173,771	157,282	157,772	167,349	219,612	224,504	253,152
Patents granted to U.S. owners	1,446,088	64,353	83,842	87,501	88,427	91,038	89,677	90,223	86,475	76,620	92,029	81,568	80,049	84,860	111,306	112,359	125,761
Patents granted to U.S. nongovernment owners	1,241,259	51,119	67,223	70,671	72,229	75,787	75,361	76,545	74,173	66,183	80,141	71,628	70,877	75,859	99,124	100,990	113,349
Patents granted to U.S. universities	57,003	2,652	3,434	3,654	3,426	3,554	3,560	3,510	3,271	2,928	3,537	3,198	3,001	3,267	4,550	4,389	5,072
Top 200 R&D institutions in 2012	55,628	2,591	3,394	3,593	3,366	3,502	3,461	3,417	3,188	2,868	3,451	3,124	2,956	3,202	4,416	4,224	4,875
U. of California	6,425	312	421	470	462	443	467	466	449	410	443	371	256	275	396	370	414
MIT/Massachusetts Institute of Technology	2,414	109	148	155	121	142	152	135	139	146	143	145	138	141	190	173	237
U. of Texas	1,839	93	115	116	101	101	109	110	115	101	118	100	90	117	141	138	174
Stanford U.	1,830	69	84	92	111	91	112	87	84	96	106	95	131	123	174	174	201
California Institute of Technology	1,828	50	95	103	108	128	117	144	136	112	123	117	106	94	138	113	144
U. of Wisconsin	1,585	64	85	89	70	76	82	89	74	79	106	99	92	123	145	150	162
Johns Hopkins U.	1,342	61	86	110	89	87	97	81	101	80	99	69	71	62	85	77	87
U. of North Carolina	1,226	81	66	85	73	81	69	87	78	84	74	75	68	56	81	75	93
U. of Michigan	1,195	58	55	58	75	59	57	75	76	86	81	68	80	69	86	93	119
Cornell U.	977	53	73	70	53	72	40	64	45	46	65	55	57	61	84	72	67
Columbia U.	973	38	59	59	59	63	47	65	53	60	57	58	56	50	85	81	83
U. of Florida	954	51	60	55	68	59	47	64	45	71	83	63	47	57	49	60	75
U. of Pennsylvania	869	60	80	64	38	55	49	32	35	47	49	43	48	40	79	63	87
U. of Washington	822	45	60	54	63	52	44	36	33	33	44	43	47	55	84	52	77
U. of Illinois	821	19	20	34	29	36	34	44	63	37	51	47	51	70	94	99	93
Georgia Institute of Technology	810	20	28	38	42	40	49	47	37	45	55	55	48	47	82	90	87
State U. of New York	782	48	54	59	65	42	55	38	39	32	46	29	45	58	67	45	60
Harvard U.	764	38	64	49	44	42	52	45	45	31	43	47	52	38	50	63	61
U. of Minnesota	686	36	48	55	48	42	42	43	46	42	39	40	36	39	42	46	42
Michigan State U.	682	42	61	54	44	41	53	51	30	27	36	38	48	43	43	39	32
U. of Maryland System	680	20	30	41	29	43	34	48	38	32	47	41	43	41	61	62	70
Duke U.	671	27	38	42	47	59	43	47	29	27	52	35	36	38	52	49	50
U. of Southern California	660	21	20	16	21	33	36	32	38	36	41	40	42	52	68	65	99
New York U.	650	28	30	32	29	39	29	31	28	22	42	55	32	39	77	74	63
Pennsylvania State U.	637	21	27	45	40	63	58	56	45	34	34	31	34	33	47	31	38
U. of Chicago	636	50	57	53	61	63	55	47	53	30	49	29	16	19	18	20	16
Scripps Research Institute	620	28	62	46	38	60	36	32	23	31	42	35	46	36	35	33	37
U. of Utah	595	35	41	37	25	46	30	24	26	20	23	33	29	33	54	48	91
North Carolina State U.	566	27	28	25	28	32	39	49	44	41	35	34	36	28	36	41	43
U. of South Florida	562	14	19	20	20	16	19	12	30	18	32	28	34	38	89	89	84
Northwestern U.	557	28	39	26	20	35	30	21	20	18	20	24	30	39	63	71	73
U. of Central Florida	548	14	12	15	11	21	16	26	30	24	32	34	41	57	65	71	79
U. of Massachusetts	526	17	29	59	28	24	18	21	21	13	21	21	28	45	62	56	63
U. of Pittsburgh	521	18	35	41	40	45	22	30	29	19	28	24	33	28	39	37	53

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Characteristic	1997–2012	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Princeton U.	507	18	29	30	30	47	38	32	24	35	28	31	34	29	34	41	27
Arizona State Board of Regents	496	24	18	24	23	24	28	26	35	25	38	34	33	28	31	45	60
Purdue U.	492	25	22	23	13	18	24	25	26	27	29	34	22	47	56	47	54
Washington U.	471	25	45	60	40	42	32	26	22	20	22	20	16	17	23	32	29
Yale U.	457	23	38	32	32	34	30	31	21	31	21	21	10	28	38	38	29
Ohio State U.	452	28	24	25	26	21	21	23	33	31	31	22	17	27	36	42	45
Iowa State U.	448	37	54	46	35	29	21	29	25	14	24	28	12	32	25	20	17
U. of Iowa	438	15	27	34	20	41	25	31	20	19	33	27	24	25	34	27	36
Rutgers U.	437	23	28	35	33	22	43	28	22	18	34	24	26	20	23	25	33
U. of Alabama	436	21	36	44	28	34	30	47	43	20	20	20	11	20	15	24	23
Texas A&M U.	427	22	26	25	21	27	37	22	30	25	28	30	20	19	30	22	43
U. of Kentucky	398	16	23	32	28	23	35	29	17	22	25	16	20	23	33	24	32
U. of Colorado	387	23	31	29	20	23	21	25	17	14	27	18	24	22	31	31	31
Rockefeller U.	372	23	37	36	43	28	34	15	20	11	24	7	22	19	14	22	17
U. of Arkansas	356	8	10	31	20	30	19	29	17	19	27	22	18	18	26	27	35
Carnegie Mellon U.	344	9	26	27	33	13	19	25	25	9	30	16	14	11	27	21	39
Vanderbilt U.	350	15	17	20	23	27	22	23	22	16	22	17	17	20	21	32	36
Louisiana State U.	342	21	35	17	22	36	27	25	16	18	20	18	22	14	14	17	20
Emory U.	331	14	36	28	25	21	31	23	18	17	20	15	17	15	25	14	12
Virginia Polytechnic Institute and State U.	330	20	23	27	21	13	19	17	20	13	26	30	16	28	27	16	14
U. of Rochester	312	8	19	7	15	16	20	19	15	18	28	20	22	28	23	24	30
U. of Nebraska	311	24	26	25	28	18	25	20	20	14	20	16	18	8	19	11	19
U. of Missouri	306	19	13	17	6	16	14	19	21	9	22	19	13	19	30	30	39
U. of Connecticut	303	13	11	19	14	9	14	17	11	19	32	23	23	19	26	24	29
U. of New Mexico	301	16	16	17	23	17	21	18	16	15	10	11	15	16	20	32	38
Case Western Reserve U.	298	12	15	29	20	21	26	15	12	11	14	7	10	19	22	30	35
U. of Virginia	295	15	20	16	16	20	12	24	8	9	11	16	22	14	33	28	31
William Marsh Rice U.	285	2	2	2	2	6	11	6	22	20	32	24	26	24	35	34	37
Baylor C. of Medicine	277	20	31	23	28	17	18	17	19	9	19	16	18	8	16	10	8
U. of Tennessee	276	15	10	15	21	24	35	10	9	8	16	15	12	15	29	23	19
Thomas Jefferson U.	275	26	30	30	27	39	30	22	13	10	6	9	4	7	14	3	5
Florida State U.	271	7	14	9	14	7	21	18	15	17	17	17	8	14	36	24	33
U. of Georgia	269	11	23	12	20	22	23	16	9	15	6	9	10	18	22	21	32
Boston U.	267	24	19	20	21	20	15	16	10	10	10	15	14	12	21	13	27
U. of Oklahoma	257	17	10	16	19	20	9	13	4	6	22	23	12	19	32	21	14
Oregon Health Sciences U.	239	13	20	17	23	16	15	9	13	8	10	12	17	15	11	19	21
Rensselaer Polytechnic Institute	213	6	4	5	9	8	6	15	15	14	19	27	13	18	25	12	17
Yeshiva U.	211	8	14	10	17	18	15	13	19	10	16	7	10	7	19	13	15
Indiana U.	210	16	23	12	17	20	18	20	8	14	9	9	6	2	14	13	9
Tufts U.	207	5	12	8	10	14	14	11	14	13	17	9	7	14	14	17	28
Dartmouth C.	203	2	12	10	11	8	9	10	11	7	18	16	10	11	18	22	28

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U. of Medicine & Dentistry NJ	196	9	17	11	7	15	7	15	11	5	20	12	9	10	15	18	15
Brown U.	195	10	17	20	15	22	9	16	13	14	10	11	10	9	9	6	4
Wayne State U.	189	10	14	18	14	15	12	8	10	11	13	9	6	11	7	13	18
Clemson U.	186	9	8	2	4	7	21	17	11	13	13	10	8	7	33	7	16
Mt. Sinai School of Medicine of CUNY	180	13	17	14	8	10	8	24	5	9	7	4	13	11	12	14	11
NJIT/New Jersey Institute of Technology	178	6	6	8	9	4	6	5	7	0	8	7	11	14	20	30	37
U. of Cincinnati	177	10	6	8	17	17	14	9	9	10	11	8	8	5	16	18	11
Auburn U.	176	7	6	10	9	9	8	7	11	14	10	17	10	16	17	11	14
Drexel U.	171	7	6	5	4	7	12	5	7	4	5	8	10	15	25	22	29
U. of Akron	166	5	10	12	11	13	11	11	15	8	8	7	7	6	11	11	20
Wake Forest U.	164	9	9	9	12	12	8	9	13	3	10	10	6	5	16	11	22
Georgetown U.	163	8	11	8	14	8	10	13	12	3	11	10	9	9	10	12	15
U. of Delaware	151	4	6	2	5	5	9	7	10	7	5	10	14	17	20	14	16
U. of Kansas	151	3	7	16	5	9	21	9	11	5	3	5	5	15	10	3	24
Washington State U.	147	6	8	12	15	15	8	8	8	8	6	4	11	4	10	13	11
U. of Houston	140	4	5	5	11	10	6	13	3	7	3	6	8	12	14	14	19
Virginia Commonwealth U.	140	8	6	18	21	11	10	12	4	2	6	8	5	5	10	6	8
Oregon State U.	137	8	10	5	4	8	9	9	11	7	9	9	7	6	7	13	15
Northeastern U.	128	13	12	9	15	9	5	3	10	9	5	4	3	3	9	7	12
Colorado State U.	124	5	11	7	12	6	14	7	5	4	3	5	6	4	9	10	16
City U. of New York	118	5	8	7	5	6	9	8	6	4	5	9	8	4	13	11	10
U. of Hawaii	118	6	8	9	14	8	7	8	9	6	10	7	9	6	5	2	4
Temple U.	113	10	6	5	5	7	9	12	10	6	8	5	3	7	2	7	11
U. of Miami	112	15	5	4	4	4	7	10	4	4	3	8	4	5	8	3	24
Cold Spring Harbor Laboratory	111	6	7	21	13	8	7	10	2	5	1	4	4	4	3	7	9
George Mason U.	110	0	1	2	0	0	4	4	3	3	5	8	6	8	30	20	16
Nevada System of Higher Education	109	2	0	4	3	4	3	9	8	2	5	8	5	11	10	20	15
Kansas State U.	104	5	7	12	8	10	10	7	9	2	3	4	3	4	11	4	5
U. South Carolina	102	4	1	4	1	6	4	8	7	3	8	4	4	4	5	14	25
U. of Vermont	98	5	2	8	2	5	10	6	3	5	5	7	8	7	11	8	6
Tulane U.	96	6	9	6	7	9	8	7	2	0	4	6	9	4	7	6	6
U. of Rhode Island	94	2	6	4	6	7	4	6	11	5	4	2	5	4	6	12	10
St. Louis U.	90	2	4	12	4	7	8	4	4	6	4	2	1	5	9	9	9
U. of Wyoming	90	4	7	5	0	3	6	4	6	4	4	11	2	8	8	9	9
Mississippi State U.	89	4	3	6	5	5	9	5	6	7	8	7	6	3	5	5	5
U. of Toledo	86	9	6	6	8	6	4	3	5	3	4	2	4	2	6	7	11
Utah State U.	86	2	5	5	4	2	2	4	1	5	2	5	7	12	11	8	11
U. of Dayton	84	2	7	7	5	5	6	2	4	1	5	7	3	4	11	7	8
Ohio U.	83	2	8	5	7	3	3	7	4	3	4	6	2	4	7	11	7
U. of Louisville	81	2	0	2	0	0	1	3	4	3	5	7	6	6	7	18	17

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Characteristic	1997–2012	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
U. of Notre Dame	80	2	4	0	1	3	4	1	2	6	1	7	4	6	8	13	18
Brandeis U.	75	4	9	6	6	1	3	9	4	1	7	3	2	7	4	5	4
Georgia State U.	70	10	5	4	6	3	3	3	2	2	2	6	4	5	4	4	7
Medical C. of Wisconsin	70	4	8	2	4	5	6	5	4	0	1	3	4	5	5	8	6
Oklahoma State U.	70	0	2	5	3	2	5	3	8	7	3	6	4	4	4	4	10
Texas Tech U.	68	4	2	3	3	8	14	4	4	7	5	3	3	2	2	2	2
Syracuse U.	65	9	9	4	3	0	2	1	1	1	3	1	4	4	8	6	9
U. of Southern Mississippi	65	2	2	7	8	7	2	3	4	8	2	2	4	2	6	5	1
Michigan Technological U.	63	0	1	2	3	3	4	2	5	8	5	8	4	4	5	6	3
U. of Mississippi	63	4	1	3	6	3	5	3	3	5	3	4	11	1	4	4	3
George Washington U.	61	3	5	2	7	3	7	3	0	1	2	2	1	7	3	7	8
West Virginia U.	58	2	0	1	0	6	4	12	4	0	2	2	3	7	8	2	5
Montana State U.	53	1	1	5	1	1	1	3	0	1	4	7	8	5	3	6	6
Florida Atlantic U.	52	3	3	1	3	3	1	1	6	3	6	4	4	2	3	5	4
U. of Maine	51	0	0	1	2	2	1	2	5	1	5	2	5	2	10	9	4
Colorado School of Mines	45	3	0	3	1	5	4	0	2	0	2	4	1	2	4	7	7
Boston C.	42	0	1	0	0	0	0	0	1	7	4	5	7	5	6	1	5
Southern Illinois U.	42	0	0	4	2	7	2	4	6	1	2	1	1	2	2	4	4
U. of Oregon	38	2	2	2	2	2	1	0	2	1	2	1	3	7	2	4	5
U. of New Hampshire	33	1	0	0	1	3	3	1	2	3	2	2	2	3	3	4	3
Old Dominion U.	27	1	1	1	3	2	2	2	1	1	0	1	2	1	2	2	5
San Diego State U.	27	2	1	1	2	2	3	3	2	4	0	0	1	2	1	1	2
U. of Montana	27	3	2	3	1	3	0	2	0	4	2	0	1	0	4	2	0
Cleveland State U.	26	1	2	1	1	0	4	2	1	0	3	0	0	1	2	7	1
New Mexico State U.	26	3	2	5	3	2	2	5	3	1	0	0	0	0	0	0	0
Medical U. of South Carolina	25	1	4	4	5	0	2	3	2	2	0	0	1	0	0	1	0
Portland State U.	23	0	0	2	0	0	0	0	0	2	1	3	2	3	2	5	3
Woods Hole Oceanographic Institute	22	2	3	0	1	1	0	1	1	0	2	0	1	3	2	2	3
Rush U.	21	0	0	0	0	0	0	1	0	0	3	0	1	7	3	3	3
North Dakota State U.	19	5	1	4	3	1	0	2	0	0	1	1	0	0	0	0	1
U. of North Dakota	19	0	1	0	0	0	2	0	2	0	1	0	2	5	2	2	2
C. of William and Mary	18	0	0	0	1	0	1	1	2	1	0	4	1	2	2	0	3
Florida A&M U.	14	0	0	0	0	0	1	0	0	0	0	0	0	0	5	2	6
Florida International U.	14	0	0	0	2	2	1	1	1	0	0	0	0	1	2	3	1
Uniformed Services U. of The Health Sciences	12	0	0	0	0	2	3	2	0	0	0	0	3	0	2	0	0
U. of Memphis	12	1	0	1	0	0	0	0	0	0	0	0	0	0	2	5	3
South Dakota State U.	11	2	1	0	1	1	1	0	0	1	0	1	1	0	0	1	1
U. of Alaska	11	2	0	0	1	0	2	0	1	0	0	0	0	0	2	3	0
U. of Louisiana	10	0	0	0	0	0	0	1	0	1	1	0	0	2	1	2	2

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Characteristic	1997–2012	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Wichita State U.	6	0	0	0	0	0	2	0	0	0	0	0	0	0	2	2	0
U. of Idaho	4	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0
Georgia Health Sciences U.	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2

NOTES: Data include institutions affiliated with academic institutions, such as university and alumni organizations, foundations, and university associations. Fewer than 200 institutions are shown because data for certain institutions are for the entire university system and incorporate data from various campuses. Patents assigned to the Naval Postgraduate School and Air Force Academy are not shown here. The top 200 R&D institutions are ranked by the sum of their patents from 1997 through 2012. Unlike some previous versions of this table, data include all assignees on a patent and not just the first assignee; therefore, patent counts in this table are slightly higher than reported in some previous years. Patents are credited on a whole-count basis (i.e., each assignee is credited one count) so the sum of the individual institution counts may be greater than the top 200 total due to double counting of co-assigned patents.

SOURCES: National Science Foundation, National Center for Science and Engineering Statistics, and The Patent Board™, special tabulations (2013) from U.S. Patent and Trademark Office (USPTO), Patent Grant Bibliographic Data.

Science and Engineering Indicators 2014