

## Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Halvorsen, Christine M., Los Angeles, Cal. Mechanical music-chart.....	708,139	Sept. 2	263	63	100	2036
Ham, Albert W., Lansingburg, N. Y. Trolley-tender.....	691,263	Jan. 14	1663	378 379	98	363
Ham, Albert W., Lansingburg, N. Y. Trolley-tender.....	691,264	Jan. 14	1664	379	98	363
Ham, Albert W., Lansingburg, N. Y. Trolley-catcher.....	700,763	May 27	3241	743	99	1893
Ham, Elijah B., and J. W. Shipley, Jennings, Okla. Ter. Cotton-cleaner.....	712,298	Oct. 28	3652	797	101	802
Ham, Herbert H., New York, N. Y. Cork-extractor.....	702,001	June 10	1293	295	99	2391
Hamann, Carl H. O., Bergedorf, near Hamburg, Germany. Differential gearing.....	702,793	June 17	2762	635	99	2715
Hamann, Christel, Friedenau-Berlin, assignor to E. Schuster, Berlin, Germany. Calculating-machine.....	705,838	July 29	4855	1054	100	1043
Hamann, Christian, assignor to P. Haack, Berlin, Germany. Calculating-machine.....	703,785	July 1	753	166 167	100	151
Hambay, James T., New York, N. Y. Electric block system for railway-trains.....	707,226	Aug. 19	2345	525 526	100	1633
Hamberger, George, and G. A. Stelzer, Berne, Switzerland. Life-preserver.....	692,278	Feb. 4	115	27	98	822
Hamblin, Stephen M. (See Stafford and Hamblin.)						
Hamblin, Stephen M., Central Falls, R. I., assignor to H. W. Smith, Worcester, Mass. Electrical weft-indicator mechanism for looms.....	694,961	Mar. 11	1204	263	98	1984
Hambly, Margaret, et al. (See Vernon, Charles W., assignor.)						
Hambly, Mathew C. F., et al. (See Vernon, Charles W., assignor.)						
Hamburger, Moritz, and A. J. Birkholz, Budapest, Austria-Hungary. Combined week-note and day block-calendar.....	696,098	Mar. 25	3306	745	98	2452
Hamel, Henry P., assignor of one-half to P. C. Riebe, Chicago, Ill. Printer's quoin.....	715,790	Dec. 16	2180	487	101	2320
Hamel, Joseph L., Grafton, N. D. Door closing and holding device.....	698,939	Apr. 29	4854	1071	99	1097
Hamel, Norbert D., West Gardner, Mass. Combined bevel-protractor, square, and pitch-board.....	700,326	May 20	2385	544 545	99	1697
Hamelle, Henry, Paris, France. Lubricating apparatus.....	691,905	Jan. 28	2913	657	98	658
Hamer, Frank G., Cincinnati, Ohio. Gas-furnace.....	705,077	July 22	3271	709	100	712
Hamer, John, assignor of one-half to R. E. Erdman, Buffalo, N. Y. Fire-alarm signaling apparatus.....	712,525	Nov. 4	116	29	101	922
Hamer, John C., Radcliffe, England. Apparatus for dyeing yarn.....	702,002	June 10	1293	295	99	2391
Hammersly, William H., Harrisburg, Pa. Photographic-film holder.....	715,372	Dec. 9	1374	296	101	2136
Hamill, Robert. (See Wilson, David Y., assignor.)						
Hamill, Robert H., Salmo, Canada. Chuck for rock-drills.....	695,388	Mar. 11	1979	443	98	2145
Hamilton, Alexander S., Needham, Mass. Extracting oil from fish-livers.....	711,307	Oct. 14	1764	382	101	382
Hamilton, Carl B. (See Woodford, Samuel B., assignor.)						
Hamilton, Charles A., Coventry, England. Carbureting device for internal-combustion motors.....	699,309	May 6	340	79	99	1243
Hamilton, Charles E. (See Casteel and Fail, assignors.)						
Hamilton, Clarence J., assignor to C. J. Hamilton & Son, Plymouth, Mich. Sight for firearms.....	696,962	Apr. 8	1122	249	99	258
Hamilton, Clarence J., assignor to C. J. Hamilton & Son, Plymouth, Mich. Gun-barrel.....	704,962	July 15	3047	654	100	651
Hamilton, Clarence S., Salem, Oreg. Awning.....	711,850	Oct. 21	2786	617	101	611
Hamilton, Clayton M., assignor to W. H. Davis, Boston, Mass. Folding bed.....	710,268	Sept. 30	4405	992 993	100	2951
Hamilton, Daniel, et al. (See McKone, William, assignor.)						
Hamilton, Edward D., Vancouver, Wash. Washing-machine.....	700,194	May 20	2104	481 482	99	1641
Hamilton, Emery M., New York, N. Y. Piano-action.....	693,131	Feb. 11	1701	372	98	1174
Hamilton-Foster Fog Signal Company. (See Hope-Jones, Robert, assignor.)						
Hamilton, Frank D. (See Cole and Hamilton.)						
Hamilton, Frederick A. E., Beverly, assignor to H. Hunt, Boston, Mass. Hinge-joint for connecting rod-sections.....	702,204	June 10	1662	373	99	2467
Hamilton, George F., Council Bluffs, Iowa. Door-securer.....	704,634	July 15	2362	513	100	509
Hamilton, George W., Chicago, Ill. Glazier's tool.....	693,518	Feb. 18	2462	540	98	1353
Hamilton, Henry A., and F. H. Crawford, Emlenton, Pa. Overshoe.....	708,547	Sept. 9	983	222	100	2192
Hamilton, Isaiah E. (See Benton, George P., assignor.)						
Hamilton, James. (See Eppers and Hamilton.)						
Hamilton, James, Glasgow, Scotland. Means for housing propellers of ships.....	707,411	Aug. 19	2690	607 608	100	1704
Hamilton, John. (See Fawcett, James F., assignor.)						
Hamilton, John A., Homestead, Pa. Fountain-pen attachment.....	716,224	Dec. 16	3065	669	101	2508
Hamilton, John F., South Framingham, Mass. Guide for straw-braid-sewing machines.....	692,279	Feb. 4	116	27	98	822
Hamilton, Jonathan R., Sioux Falls, S. D. Dilator.....	705,346	July 22	3897	843	100	837
Hamilton, Joseph, assignor to James Dunlap Carpet Company, Philadelphia, Pa. Yarn-printing machine.....	699,948	May 13	1604	367	99	1519
Hamilton, Joseph B., Springfield, Mass. Life-preserver.....	715,261	Dec. 9	1166	249	101	2093
Hamilton, Paul H., assignor of one-half to J. Goeppinger, Youngstown, Ohio. Fluid-pressure regulator.....	702,872	June 17	2906	672	99	2745
Hamilton, Robert, Commerce, Tex. Window attachment.....	703,252	June 24	3643	837	99	2909
Hamilton, Robert, Commerce, Tex. Shears.....	703,253	June 24	3644	837	99	2909
Hamilton, Robert A., Brooklyn, N. Y. Thread-cutting appliance.....	703,193	June 24	3541	814	99	2887
Hamilton & Son, C. J. (See Hamilton, Clarence J., assignor.)						
Hamilton, Supplina, Endicott, Wash. Swinging gate.....	705,401	July 22	3987	863	100	856
Hamilton, Thomas C., Bokes Creek, Ohio. Latch.....	698,940	Apr. 29	4854	1071	99	1098
Hamilton, William F., Ventura, Cal. Nut-wrench.....	695,047	Mar. 11	1370	301	98	2019
Hamilton, William J., Carbondale, assignor of two-fifths to T. R. Hughes, Scranton, Pa. Coal-separator.....	703,254	June 24	3645	838	99	2909
Hamlin, Horace, Philadelphia, Pa. Means for securing printing-plates.....	710,970	Oct. 14	1074	237	101	235
Hamlin, R. C. (See Woodmansee, Clay G., assignor.)						
Hamm, Charles. (See Geddes, Charles A., assignor.)						
Hamm, William S., and J. A. Mosher, Chicago, Ill., assignors to Adams & Westlake Company. Acetylene-gas generator.....	705,078	July 22	3273	709	100	712
Hammack, Martin V., assignor of one-half to H. W. Miller, Thalia, Va. Game apparatus.....	697,406	Apr. 8	1909	426	99	425
Hammar, Sigard A. S. (See Meigs and Hammar.)						
Hammer, Alfred E., Branford, Conn. Rammer.....	692,280	Feb. 4	117	27	98	822
Hammer, Jacob. (See Katzke, Albert, assignor.)						
Hammer, John and K. M., Tacoma, Wash. Dress-skirt lifter.....	696,561	Apr. 1	304	72	99	69
Hammer, Kathrina M. (See Hammer, John and K. M.)						
Hammer, Robert E., Philadelphia, Pa. Coaster-brake for vehicles.....	697,337	Apr. 8	1767	396	99	396
Hammer, Willie A., assignor of two-thirds to F. M. Hogancamp, Bardwell, Ky. Combined stump-puller and tree-transplanter.....	700,641	May 20	2962	681	99	1818
Hammerly, Richard, New York, N. Y. Fire-escape.....	705,580	July 29	4390	952	100	949
Hammersmith, Perry C., assignor of one-half to F. S. Wahl, Buffalo, N. Y. Dental filling-tool.....	712,526	Nov. 4	119	29	101	923
Hammerstein, Moritz, assignor to M. Blau, Berlin, Germany. Candle-holder.....	711,624	Oct. 21	2359	517	101	520