









eccentric guide, C, and projecting plate, D, substantially as and for the purpose described.
77,384.—FLOOD GATE.—H. A. Kephart, Fletcher, Ohio.
I claim the hinged posts, A, in combination with the sliding gate, B, C, and the valve, D, in the manner and for the purposes set forth.

Also, the suspending hook, T, arranged and operating substantially as herein specified.
77,408.—REFLECTOR.—William G. Schmidlin and Jeremiah W. Driscoll, New York, N. Y.
We claim the concave dome reflectors, introduced in the sections or sides of the conical polygonal reflector, as and for the purposes set forth.

layers of iron and steel welded together, the steellayer or layers of each laminated plate being hardened, substantially as shown and described.
Also, the formation of the joints at the corners of the safe and at the edges of the door, so that the bottom of each section of joint is covered by steel, substantially as shown and described.

REISSUES.

2,922.—PATTERN FOR CUTTING BOOTS.—Elias Shopbell, Ashland, Ohio.
I claim, 1st, The plate, A, in combination with the pairs of plates, B, B', C, C', and D, D', or their equivalents, with their respective slots and angles, producing the simultaneous movement of the several pairs of plates, and the consequent unequal enlargement and contraction of the pattern for boot fronts, substantially as herein set forth.

PENDING APPLICATIONS FOR REISSUES.

Application has been made to the Commissioner of Patents for the Reissue of the following Patents, with new claims as subjoined. Parties who desire to oppose the grant of any of these reissues should immediately address MUNY & Co., 37 Park Row, N. Y.

63,378.—BROADCAST SOWERS.—F. G. and E. A. Floyd, Macomb, Ill.
I claim, 1st, The frame, A, constructed as described, shaft, B, disc, C, when arranged in relation to each other as and for the purpose set forth.
2d, The disk, C, with projection, c, in combination with shaft, B, the former being attached to the latter in the manner described.

49,203.—MACHINE FOR REFITTING STOP VALVES.—Charles S. and Charles P. Hall, Brooklyn, N. Y.
I claim, 1st, The cone nut, B, either provided with or not, an internal yielding center, c, and arranged in suitable bearings, a, in combination with the adjustable center, C, constructed and operating substantially as and for the purpose set forth.

74,582.—DEVICE TO PREVENT HOGS FROM ROOTING.—Geo. O. and Wm. L. Nixon, Sandyville, Ohio.
I claim the within described device consisting of the plate, A, arms, C, C', with holes, D, D', and wires, the several parts being arranged and used substantially in the manner and for the purpose herein specified.

64,231.—SKIRT HOOPS.—E. Wooster & Co. and F. Hull & Co.
I claim the invention of John E. Lattin, Birmingham, Conn., dated April 30, 1867. Application for reissue received and filed April 13, 1868.

68,239.—STEAM DRYING APPARATUS.—William Ryner, Philadelphia, Pa., and John C. Hopewell, Flemington, N. J.
I claim the invention of John E. Lattin, Birmingham, Conn., dated April 30, 1867. Application for reissue received and filed April 14, 1868.

EXTENSION NOTICES.

Polly Hunt, of Jersey City, N. J., administratrix, and George W. Hunt, of Newburgh, N. Y., administrator of the estate of Walter Hunt, deceased, having petitioned for the extension of a patent granted to the said Walter Hunt the 25th day of July, 1854, and reissued in four divisions of the dates and numbers respectively as follows: Nov. 29, 1864, numbered 1,828; Feb. 7, 1865, numbered 1,867; April 4, 1865, numbered 1,926; April 4, 1865, numbered 1,927; said last number (1,927) being again reissued in two divisions the 10th day of July, 1866, and numbered respectively 2,306 and 2,307. For an improvement in shirt collars, for seven years from the expiration of said patent, which takes place on the 25th day of July, 1868, it is ordered that the said petition be heard at the Patent Office on Monday, the 6th day of July next.

Horace Woodman, of Biddeford, Me., having petitioned for the extension of a patent granted to him the 1st day of August, 1854, and reissued the 8th day of December, 1857, for an improvement in cleaning top cards of carding machines, for seven years from the expiration of said patent, which takes place on the 1st day of August, 1868, it is ordered that the said petition be heard at the Patent Office on Monday, the 13th day of July next.

Hymen L. Lipman, of Philadelphia, Pa., having petitioned for the extension of a patent granted to him the 25th day of July, 1854, for an improvement in eyelet machines, for seven years from the expiration of said patent, which takes place on the 25th day of July, 1868, it is ordered that the said petition be heard at the Patent Office on Monday, the 6th day of July next.

Charles A. Wakefield, of Pittsfield, Mass., having petitioned for the extension of a patent granted to him the 25th day of July, 1854, for an improvement in seed planters, for seven years from the expiration of said patent which takes place on the 25th day of July, 1868, it is ordered that the said petition be heard at the Patent Office on Monday the 6th day of July next.

Griffith Lichtenhaler, of Limestoneville, Pa., having petitioned for the extension of a patent granted to him the 25th day of July, 1854, for an improvement in cultivators, for seven years from the expiration of said patent, which takes place on the 25th day of July, 1868, it is ordered that the said petition be heard at the Patent Office on Monday, the 6th day of July next.

Edward W. Brown, formerly of Fall River, Mass., having petitioned for the extension of a patent granted to him the 25th day of July, 1854, and reissued the 14th day of March, 1865, for an improvement in looms, for seven years from the expiration of said patent, which takes place on the 25th day of July, 1868, it is ordered that the said petition be heard at the Patent Office on Monday, the 6th day of July next.

NEW PUBLICATIONS.

THE RAILROADS OF THE UNITED STATES. By Henry M. Flint. John E. Potter & Co., publishers, 614 and 617 Sanson street, Philadelphia.
The work bearing this title is devoted to a compilation of statistics respecting the railways of our country, giving also a history of the leading roads, with statements of their progress and present condition, and showing their wonderful power in developing the resources of the country. The work abounds in interesting facts and figures, and will prove of great service not only to railroad men but to all others requiring a convenient book of reference. The concluding chapters are devoted to a brief but comprehensive synopsis of the railroad laws of the United States.