

by the interlocking of the movable warps between the center warps, thereby causing the web threads to be pressed tightly upon the center warp.

9,653.—WEAVING CORDED FABRICS.—Wm. Smith, New York City. Dated April 5, 1867. Extended April 5, 1867. Reissue No. 2,656 dated June 18, 1867. Application for reissue received and filed Sept. 10, 1867. Division C.

I claim the head or its equivalent for supporting the stationary central warps, in combination with mechanism substantially as set forth, for performing the weaving.

64,761.—EYELETING MACHINE.—Wm. N. Ely, Stratford, Ct., assignee by mesne assignments of Luther Hall, Boston, Mass. Dated May 14, 1867. Application for reissue received and filed Sept. 9, 1867. Division A.

1st, I claim a movable head or carrier, in combination with the punch and set, or either of them, constructed, arranged, and operating substantially as described.

2d, A head or carrier so constructed and operated as to allow the punch and set to be alternately depressed by the same lever, substantially as described.

3d, So constructing the mechanism that the punching table and setting bed shall reciprocate laterally and alternately occupy the same place, substantially as and for the purposes described.

4th, The reciprocating punching bed in combination with a stationary work supporting table, when constructed and arranged so as to be moved to and from the punch, and under the material, substantially as described.

5th, Adjusting the length of the set or punch, or both, substantially as described.

6th, The striking lever, so constructed and arranged as to cause the set to pick up the eyelet while the punch is making the hole for its reception, substantially as described.

7th, The setting die, so constructed and operating as to pick up the eyelets from the chute, and present them to the place of insertion, substantially as described.

8th, The reciprocating solid and solid-pointed setting bed, constructed, arranged, and operated automatically, substantially as described.

9th, Feeding the material forward by means of the setting bed or holding point, substantially as described.

10th, Providing the set with spring pistons, substantially as described.

11th, The hopper for holding the eyelets, in combination with actuating devices, and the adjustable chute with its enlarged receptacle or dish, constructed and arranged substantially as described.

12th, The combination of parts by which the setting bed and the feeding point are operated and controlled substantially as described.

64,761.—EYELETING MACHINE.—Wm. N. Ely, Stratford, Ct., assignee by mesne assignments of Luther Hall, Boston, Mass. Dated May 14, 1867. Application for reissue received and filed Sept. 9, 1867. Division B.

1st, I claim a feeding instrument which engages with the work, feeds forward, and disengages, in combination with a punch or set, or both, substantially as described.

2d, A presser foot for holding the work to the table, in combination with a punch or set, or both, substantially as described.

3d, The spring presser foot, in combination with the feeding mechanism, arranged and operating with an eyeletting mechanism substantially as described.

4th, An adjustable work feeding mechanism, in combination with the mechanism for punching and eyeletting, substantially as described.

5th, Punching the holes, supplying, inserting, and setting the eyelets, spacing the distances, holding and feeding forward the work automatically, substantially as described.

64,761.—EYELETING MACHINE.—Wm. N. Ely, Stratford, Ct., assignee by mesne assignments of Luther Hall, Boston, Mass. Dated May 14, 1867. Application for reissue received and filed Sept. 9, 1867. Division C.

1st, I claim a hopper for holding the eyelets, constructed with lateral openings for the same, substantially as described.

2d, A chute for receiving the eyelets from the hopper and delivering them to the setting mechanism, substantially as described.

3d, Making the chute adjustable to eyelets of different sizes, substantially as described.

4th, The hopper and chute in combination with the set, when constructed and arranged substantially as described.

5th, Constructing the set so as to adapt it to eyelets of different sizes, substantially as described.

64,761.—EYELETING MACHINE.—Wm. N. Ely, Stratford, Ct., assignee by mesne assignments of Luther Hall, Boston, Mass. Dated May 14, 1867. Application for reissue received and filed Sept. 9, 1867. Division D.

1st, I claim the combination of carrier, D, with punch, E, and set, F, or either of them, constructed, arranged, and operating substantially as described.

2d, The combination of carrier, D, with both punch, E, and set, F, or either of them, lever, K, and cam, L, constructed, arranged, and operating substantially as described.

3d, The combination of carrier, D, with both punch, E, and set, F, or either of them, lever, K, and cam, L, constructed, arranged, and operating substantially as described.

4th, The combination of carrier, D, set, F, and setting bed, S, substantially as described.

5th, The combination of carrier, D, punch, E, and sliding plate, Q, substantially as described.

6th, The combination of carrier, D, punch, E, set, F, sliding plate, Q, and bed, S, substantially as described.

7th, The carrier, D, constructed, arranged, and operated substantially as described.

8th, The lever, K, constructed and operating substantially as described.

9th, The set, F, constructed substantially as described.

10th, The combination of levers, V and T, and pin, S, substantially as and for the purposes described.

11th, The combination of plates, Q and R, arranged and operated substantially as described.

12th, The combination of levers, V and T, pin, S, and screw, W, substantially as and for the purpose described.

13th, The combination of set, F, pins, a and b, and spring, d, substantially as described.

14th, The combination of lever, T, block, U, lever, V, and eccentric wheel, W, constructed, arranged and operating substantially as described.

15th, The combination of hopper, B, agitator, e, and chute, A, constructed and arranged substantially as described.

16th, The combination of hopper, B, chute, A, groove, g, hole, h, and bottom, S, substantially as described.

17th, The combination of hopper, B, chute, A, dish, h, and set, F, substantially as described.

18th, The combination of sliding plates, Q and R, or either of them, with stationary table, A substantially as and for the purposes described.

19th, The combination of presser foot, N, spring, Q, with both punch, E, and set, F, or either of them, and table, A, substantially as described.

20th, The combination of presser foot, N, and pin, S, arranged and operating substantially as described.

66,131.—FRAME FOR STRETCHING WET LEATHER.—Ichabod W. Dawson, Newark, N. J. Dated June 25, 1867. Application for reissue received and filed Sept. 11, 1867. Division A.

1st, I claim the combination of means for supporting the center of the hide, with means for stretching the same breadthwise over the said support, substantially as described.

2d, The combination of means for supporting the center of the hide with means for stretching the same breadthwise and lengthwise over the said support, substantially as described.

66,131.—FRAME FOR STRETCHING WET LEATHER.—Ichabod W. Dawson, Newark, N. J. Dated June 25, 1867. Application for reissue received and filed Sept. 11, 1867. Division B.

I claim the process substantially as herein described of stretching leather or hides.

NOTE.—The above claims for Reissue are now pending before the Patent Office and will not be officially passed upon until the expiration of 30 days from the date of filing the application. All persons who desire to oppose the grant of any of these claims should make immediate application to Munn & Co., Solicitors of Patents, 37 Park Row, N. Y.

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2,324.—BLOWER FOR FURNACES, ETC.—Benj. F. Sturtevant, West Roxbury, Mass. Aug. 13, 1867.

2,090.—BRUSH.—Henry Rosenthal, New York City. July 16, 1867.

2,237.—METHOD OF AND APPARATUS FOR CLARIFYING SUGAR, ETC.—Benjamin Lawrence and Phineas Lawrence, New York City. Aug. 2, 1867.

2,251.—HARROW.—Halsey H. Monroe, Rockland, Me. Aug. 3, 1867.

2,255.—FELTING MACHINE.—James S. Taylor, Danbury, Conn. Aug. 3, 1867.

2,290.—PRINTING PRESS.—Edwin Allen, Norwich, Conn. Aug. 8, 1867.

2,293.—CASE OR BOX FOR HOLDING TWINE OR CORD.—Frederick J. Seymour, New York City. Aug. 9, 1867.

2,295.—KNIFE AND FORK.—Wm. J. Miller, New York City, and Frederick J. Miller, Brooklyn, N. Y. Aug. 9, 1867.

2,296.—MACHINERY FOR THE MANUFACTURE OF CUT NAILS.—John H. Geary, Fairhaven, Mass. Aug. 9, 1867.

2,298.—PROCESS FOR REMOVING SULPHUR, PHOSPHORUS, AND OTHER IMPURITIES FROM IRON, STEEL, AND OTHER METALS.—John F. Bennett, Philadelphia, Pa. Aug. 12, 1867.

2,245.—MACHINE FOR CLEANING BARRELS OR CASES.—Jonathan Peacock, Rockford, Ill.—Aug. 15, 1867.

2,276.—EYELET AND PAPER FASTENER COMBINED.—Edward Boynton, New York City. Aug. 7, 1867.

2,219.—CENTRIFUGAL APPARATUS FOR WASHING SUGAR.—George E. Evans, Boston, Mass. Aug. 13, 1867.

2,235.—FASTENING FOR SECURING BAYONETS OF FIRE-ARMS.—Paul A. Oliver, New York City. Aug. 14, 1867.

2,253.—COTTON BALE TRE.—John W. Hedenberg, Chicago, Ill. Aug. 14, 1867.

2,268.—CONSTRUCTION OF MOLDS FOR CASTING ALUMINUM PLATES FOR ARTIFICIAL TEETH, ALSO METHOD OF CASTING SAID PLATES, SECURING THE TEETH THEREIN, ETC.—James B. Bean, Baltimore, Md. Aug. 17, 1867.

2,220.—MANUFACTURE OF IRON AND STEEL, AND APPARATUS EMPLOYED THEREIN.—Virgil W. Blanchard, Bridport, Vt. Aug. 23, 1867.

2,221.—CONSTRUCTION OF CONCUSSION FUSES FOR THE EXPLOSION OF PROJECTILES.—Edward A. Dana, Brookline, Mass. Aug. 23, 1867.

EXTENSION NOTICES.

Mathew Stewart, of Philadelphia, Pa., having petitioned for the extension of a patent granted to him the 3d day of January, 1854, for an improvement in floor plates of malt kilns, for seven years from the expiration of said patent, which takes place on the 3d day of January, 1868, it is ordered that the said petition be heard at the Patent Office on Monday, the 16th day of December, 1867.

R. P. Walker, of New York City, having petitioned for the extension of a patent granted to him the 20th day of December, 1853, for an improvement in machine for hulling and scouring coffee, for seven years from the expiration of said patent, which takes place on the 20th day of December, 1867, it is ordered that the said petition be heard at the Patent Office on Monday, the 2d day of December next.

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