

11th. In combination with the parts last above claimed, I claim the double face plate, F, in the manner and for the purpose described.

12th. I claim the springs, C, bed, B, plate, F, and rods, 9, when combined and arranged as and for the purpose set forth.

13th. I claim the combination of all the operative parts specified, arranged to operate substantially as and for the purposes or purposes shown and described.

68,816.—LOCK AND ALARM ATTACHMENT FOR MONEY DRAWERS.—J. H. Weaver, Columbus, Ohio.

I claim, 1st, the lock, consisting of the spring, b, lever, d, string, f and k, and handle, i, all made and operating substantially as herein shown and described.

2d. The combination of the lock, when made as herein shown and described with the bell, c, or other alarm, substantially as set forth.

3d. The swinging lid, l, and catches, n and o, in combination with the aforesaid lock, and made and operating substantially as herein shown and described.

68,817.—WASHING MACHINE.—M. D. Webber, Woodbury, Vt.

I claim the combination of the lever, D, connecting bars, E, and pivoted beaters, F, with each other and with the box or tub, A, substantially as herein shown and described and for the purposes set forth.

68,818.—SPRING BED BOTTOM.—Dexter P. Webster, Upper Merion, N. H., and Hermon W. Ladd, Philadelphia, Pa.

We claim, 1st, the hooks, C, separate and independent, provided with flaring mouths, in combination with the coils of the springs, substantially as and for the purpose described.

2d. The springs with an auxiliary fastening formed by turning up one end of the spring so as to pierce the slat, when otherwise secured by the single wire clamp, a, substantially as described.

3d. The mode of packing by interlocking the springs and slats as herein represented and described.

68,819.—MACHINES FOR MAKING LEAD PENCILS.—Edward Weisenborn, Hudson City, N. J., assignor to American Lead Pencil Company, New York City.

I claim, 1st, the sliding bars, D, carrying the pivoted catches, E, arranged in relation with the frame guides, C, and cutters, substantially as herein set forth for the purpose specified.

2d. The sliding bars, D, pivoted cutters, E, and levers, F, combined with suitable cams, H, and spring retractors, I, operating substantially as herein set forth for the purpose specified.

3d. The arrangement of the two cutter heads, N and T, and their blank supporting beds, with reference to each other and to the feeding devices, so that one cutter shall first groove the whole length of one side of the blank, and then the other, the whole length of the other side to separate it into pencils as described.

4th. The cutters, C, constructed with a flat portion, a2, and curved or semi-circular portion, b2, and applied to the cutter head, substantially as herein set forth for the purpose specified.

68,820.—WHEELS AND AXLE CONNECTION.—John F. Welch, Hingham, Mass.

I claim the device described for locking a carriage wheel to its axle, consisting of the plate, i, with its screw, j, the nut, b, and the jaw bars, a, a, combined together, and operating in connection with the ring, e, applied to the axle, substantially as shown and explained.

68,821.—EVAPORATING PAN.—N. Willey, South Windsor, Ct.

I claim an evaporating pan, whose transverse partitions, formed from its bottom, meet at an angle at their bottom, substantially as described.

I claim, in combination with a bottom so constructed, the inclined sides as and for the purpose described.

I claim the combination of such a bottom and inclined sides, with side troughs, substantially as set forth.

68,822.—OVER SOLE FOR BOOTS AND SHOES.—Edmund W. Woodruff (assignor to himself and B. H. Camp), Washington, D. C.

I claim making the rear end of an over sole of elastic rubber, to which is attached a spring clasp, operating substantially in the manner and for the purposes specified.

68,823.—STAND FOR SUPPORTING WAGON AND OTHER WHEELS WHEN BEING PAINTED.—John N. Woodward (assignor to himself and Walter Scott), Aurora, Ill.

I claim the adjustable plate, C, supporting the spindle, D, in combination with the stand, A, and for retaining the spindle, in any required position, substantially in the manner and for the purpose set forth.

I claim the adjustable plate, C, supporting the spindle, D, in combination with the revolving standard, B, plate, A, and wheel, F, for retaining the spindle and wheel placed thereon in any required position, substantially in the manner and for the purpose set forth.

68,824.—HORSE SHOE NAIL MACHINE.—C. D. Wrightington, Fairhaven, B. Rider, Chelsea, Mass.

I claim a machine for forming the four hammers, D, D', attached to or forming a part of the pistons of steam cylinders, with the gears, E, arranged substantially as described, whereby the forward motion of the two opposing hammers, D, D', actuated by the direct action of the steam, will operate to retract the opposing hammers, D', D', substantially as described.

2d. I claim the arrangement of the hammers, D, D', on the inclined sides of the bed plate, A, as and for the purpose described.

68,825.—THRASHING MACHINE.—Benjamin Yeakel, Allentown, Pa.

I claim the detaining apparatus, consisting of the boards e and f, when the same are arranged and operating substantially as and for the purposes herein shown and described.

2d. The springs, c, on the frame, B, in combination with the bars, a, and shaking table, F, all made and operating substantially as herein shown and described.

68,826.—HANGER FOR SHAFTING.—James Yocom, Jr., Philadelphia, Pa.

I claim a hanger which is constructed of cast metal with wrought metal screw tapped nuts, for receiving the adjusting screws, the cast metal being made to surround the wrought nuts, substantially as described.

68,827.—DRILL.—E. S. Young, Worcester, Mass., and A. Whipple, Whitinsville, Mass., assignors to Edward S. Young, Worcester, Mass.

We claim the combination as well as the arrangement of the slider, G, the cylindrical tubular shaft, H, and the clamp screws, c, d, with the cylindrical standard, A, the head, I, and the drill driving and feeding mechanism substantially as described, the standard, A, being provided with the screw, a', the jaws, B, C, and their operative mechanism, or their equivalent.

68,828.—MECHANISM FOR SEWING OVAL SEAMS.—Agur Judson, Newark, N. J.

1st. I claim the combination with devices for stitching oval or elliptical forms of an apparatus for cutting the material into similar forms.

2d. The frame or bed piece, A, with its adjustable devices for describing ovals or ellipses when so applied to a sewing machine table that it may present the fabric either to the needle or to the cutters.

3d. The revolving plate, r, constructed and operating substantially as described.

4th. The radially slotted disk, s, applied and operating as and for the purpose set forth.

5th. The combination of plate, r, and slotted disk, s, for joint action, substantially as set forth.

6th. The combination of the adjustable slide, V, with the disk, s, as and for the purpose set forth.

7th. The plate, B, provided with sockets for the reception of cork or other substance, for the purpose set forth.

8th. The combination of plate, B, constructed as described, with the top plate, piece, D, as and for the purpose set forth.

9th. The combination with frame, A, of a scale for indicating the size of the oval to be described.

10th. The combination with such frame of a scale for indicating the change in the form of the oval to be described.

REISSUES.

2,762.—KNIFE SHARPENER.—James Meyer, Jr., New York City. Patented May 14, 1867.

1st. I claim the cutting plates, E, E', provided with longitudinal rounded edges, and connected together by a sliding joint, substantially in the manner as and for the purpose set forth.

2d. The combination of the handle, A, with the two pairs of cutters, E, E', F, F', the clamp at one end of the handle, and the recesses in the same to receive the cutters with or without the strap, C, substantially as and for the purpose specified.

3d. The cutters, E, E', when placed in the same plane, and connected together by means of the sliding joint, or its equivalent, substantially as described, for the purpose specified.

2,763.—PUMP PISTON.—David S. Wood, Delaware, Wis. Patented July 10, 1866.

I claim the expansible loose packing, D, arranged on a piston which is provided with a channel wider and deeper than the packing for the reception of the same, substantially as and for the purpose herein shown and described.

2,764.—GATE.—Elijah Kemper, Thorn Township, Ohio. Patented June 24, 1862.

I claim a gate arranged so as to have both a sliding and swinging movement to open and close it, substantially as and for the purpose herein specified.

I also claim a gate so arranged that it may slide until it is supported centrally and then swing, substantially as herein set forth.

I also claim, in combination with a sliding and swinging gate, a guide or guides, which shall serve both to direct the sliding of the gate and to support it, and allow its swinging, substantially as herein specified.

I also claim the combination of a sliding latch with a sliding and swinging gate substantially as and for the purpose herein set forth.

DESIGNS.

2,775.—TRADE MARK.—Peter Behr, St. Louis, Mo.

2,776, 2,777, 2,778.—CLOCK CASE.—John H. Bellamy, Charlestown, Mass. Three patents.

2,779.—SPOON HANDLE.—James Bingham, Jr., Philadelphia, Pa.

2,780.—SPOON HANDLE.—Alonzo Hebbard, (assignor to Edward Corning and J. W. Dominick), New York City.

2,781.—PARLOR STOVE.—Jasper Van Wormer and Michael McGarvey, Albany, N. Y.

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 MUNN & Co., 37 Park Row, N. Y.

64,659.—FIRE-PROOF CEILING AND ROOF.—Joseph Gilbert, Philadelphia, Pa. Dated May 14, 1867. Application for reissue received and filed Aug. 30, 1867.

I claim, 1st, A ceiling composed of girders, corrugated plates, and socket bearers adapted to the said plates, and supported by the girders, all substantially as described.

2d. In combination with the above, I claim the bricks or blocks, X X, applied substantially in the manner and for the purpose described.

737.—HAND TRUCK.—P. H. Humes, Watson's Salt Creek, Ill., assignee of W. C. Rentgen, Keokuk, Iowa. Dated March 19, 1861. Application for reissue received and filed Sept. 2, 1867.

I claim the curved parts or ends, a, of the truck, with or without the auxiliary wheels, b, b, in combination with the curved adjustable holding and hop bar, D, one or more, substantially as and for the purpose set forth.

53,534.—CLEANSING ANIMAL CHARCOAL.—Philo S. Shelton, President of the Union Sugar Refining Company (assignee of Gustav

A. Jasper), Charlestown, Mass. Dated March 27, 1866. Application for reissue received and filed Aug. 30, 1867.

I claim as the invention of the said Jasper the new or improved process, substantially as heretofore described, for treating charcoal either after or before its use in a filter for the cleansing of a saccharine or other liquid, the same consisting in boiling the charcoal in an acid solution and washing it, the acid being essentially as specified.

I also claim as the invention of the said Jasper for removal from the charcoal of the gummy and other matter except the lime or alkaline matter, the treatment or process of treating the charcoal without the use of acid, the same consisting in boiling the charcoal in water, or so boiling it and washing it, the charcoal being subsequently dried as set forth.

15,738.—MACHINE FOR CUTTING PAPER.—Hervey Law, Chatham, N. J. Dated Sept. 16, 1856. Reissue No. 2,670, dated July 9, 1867. Application for reissue received and filed Sept. 2, 1867.

I claim the combination of the rising and falling platform, C, and clamp frame, E, operating to clamp the paper or book as the platform rises, and to unclamp the same as the platform descends, by means of single or double cams or loggins, F, F, having cranks, G, G, connected with them, the pintles of which work in curved grooves or otherwise, actuated by any well known mechanical device, substantially as and for the purpose herein shown and described.

9,939.—SOCKET FOR AUGER HANDLES AND BRACES.—L. J. Gunn and C. H. Amidon, Greenfield, Mass. Assignees of A. H. McKinley, Hingham, Ohio. Dated Aug. 16, 1853. Application for reissue received and filed Sept. 2, 1867.

We claim as the invention of said McKinley, 1st, The employment in combination with the socket which holds the tool, of a movable cap or locking device which projects inwardly over the socket, and when the tool is inserted is made to close over the shoulders of the shank to retain it within the socket, and recede from said shoulders to enable the tool to be removed, substantially as described.

2d. Connecting that part of the cap or locking device that projects inwardly over the shoulders of the shank with the socket by means of a sleeve which surrounds the socket and is so secured thereto as to permit it to turn upon the socket to fasten and release the tool, and prevent the said locking device from being drawn from the socket, substantially as described.

3d. The arrangement of the handle, substantially as described, with the auger handle or brace by which the tool is operated, substantially as described.

54,431.—HORSE HAY FORK.—Ariel B. Sprout, Picture Rocks, Pa. Dated May 1, 1866. Application for reissue received and filed Aug. 23, 1867.

I claim, 1st, Combining in one machine a hay elevator and hay cutter which will cut its way into the hay, and jut or turn out any part of said elevator or cutter for the purpose of catching, lifting, or elevating the hay, and then releasing the hold of said jutting or turned-out part, for the purpose of discharging the hay and releasing the elevator and cutter.

2d. The bars, A and B, when pivoted at e, and used in combination with the levers, n and w, constructed, arranged, and operating substantially as herein described and for the purpose set forth.

9,387.—MODE OF THROWING SHUTTLES IN LOOMS.—Stephen C. Mendenhall, Richmond, Ind. Dated Nov. 9, 1852. Extended Nov. 9, 1866. Application for reissue received and filed Sept. 4, 1867.

I claim, 1st, The combination of the picker spring, k, pickers, i, i, inclined cams, j, j, triggers, f, f, cords, h, h, treadles, l, l, and batten or lay, B, so that the forward motion of the batten shall release the pickers, and the backward motion of the batten shall release them alternately, by means of the cords and treadles, and thus drive the shuttle back and forth through the warp, substantially as and for the purpose set forth.

2d. I claim the picker spring, k, in combination with the pickers, i, i.

3d. I claim the pickers, i, i, in combination with the inclined cams, j, j.

4th. I claim the pickers, i, i, inclined cams, j, j, in combination with the triggers, f, f.

5th. I claim the pickers, i, i, in combination with the triggers, f, f.

6th. I claim the combination of the triggers, f, f, cords, h, h, and treadles, l, l, l, l.

7th. I claim the spring triggers, f, f, in combination with the batten, B, which are used for retaining the pickers, i, i.

8th. I claim alternately releasing the pickers, i, i, when the same is effected by the regular successive depression of the treadles, l, l, l, l.

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.

Inventions Patented in England by Americans.

[Condensed from the "Journal of the Commissioners of Patents."]

PROVISIONAL PROTECTION FOR SIX MONTHS.

2,098.—CARTRIDGE POUCHES OR CARRIERS.—Clarence Blake, Boston, Mass. July 17, 1867.

2,196.—APPARATUS FOR BURNING PETROLEUM AND OTHER HYDROCARBON LIQUIDS FOR THE PRODUCTION OF HEAT AND LIGHT.—Simon Stevens, New York City.

2,213.—PROCESSES AND APPARATUS FOR THE MANUFACTURE OF SUGAR, AND FORMING THE SAME INTO CUBES FOR USE.—George Gordon, San Francisco, Cal. July 31, 1867.

2,216.—FIRE-ARM.—Azel S. Lyman, New York City. July 31, 1867.

2,242.—BRAKE FOR COTTON LAPPERS OR SOUTHERNS.—Richard Kitson, Lowell, Mass. Aug. 2, 1867.

2,252.—LOCKET AND MINIATURE CASE.—Wm. H. Halsey, Hoboken, N. J. Aug. 3, 1867.

2,256.—LAMP.—Wm. Porter, Belleville, N. J. Aug. 5, 1867.

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