

section, J', or its equivalent, applied to the press box substantially as described.

33. The application of a self-releasing follower to the mold box table E, substantially as and for the purposes described.

34. Providing for a parallel adjustment of the bar K, by means of screws and pinion-spur wheels, substantially as described.

74,957.—RICE PLANTER.—Elijah Wagoner, Westminster, Md., assignor to himself and G. W. Mathews.

1. Claim 1st, The plow, E, when constructed in the form described, and provided with the incine e, and guards, e' e', substantially as and for the purpose set forth.

2d, Connecting the coverer to the plow by a double joint h, as and for the purpose described.

3d, The coverer H, when constructed in the form described, and provided with the concave-forming and a corrugated under surface, substantially as and for the purpose specified.

4th, The rod G, passing from the plow through the arm F, and provided with a screw and nut, by which inclination of the plow can be adjusted, substantially as specified.

5th, Constructing the seed conductors of the funnel form sections I I I, connected by straps i, substantially as and for the purpose specified.

6th, The combination of the latter N, slide O, and roller K, substantially as and for the purpose indicated.

7th, The markers R R, when attached to the machine, and operating substantially as and for the purposes set forth.

8th, The arrangement herein described of a hoe and trencher outside of each of the supporting wheels.

74,958.—SALINOMETER POT.—Henry Wanklin, United States revenue steamer Wilderness.

1. Claim a salinometer, in which the specific gravity of the water is determined or measured by its pressure on a movable piston, substantially as and for the purpose set forth.

74,959.—FEED WATER HEATER.—George I. Washburn, Worcester, Mass.

1. Claim the combination with the condenser C, arranged between the reservoir and pump of the surface condenser D, fig. 1, situated between the pump and boiler, substantially as described.

2d, The arrangement of the condenser between two pumps or two ends of the same pump, substantially as described.

3d, A steam pump and condensing apparatus, constructed and arranged substantially as herein described.

74,960.—BLANK FOR HOE.—Hervey Waters, Boston, Mass.

1. Claim a blank for shovels, hoes, etc., made substantially as shown and described.

74,961.—BORING FAUCET.—Alfred Weed, Boston, Mass.

1. Claim a tapping faucet having a combined valve and bit, arranged to operate substantially as set forth.

74,962.—SHOE.—Martin Wesson, Springfield, Mass.

1. Claim, as a new article of manufacture, a shoe, the upper whereof is composed of a woven or knit fabric, and having the "quarter" and the "ramp" of such upper, or either of them, formed of a web which is woven or knit of paper width to form the outside and the lining in one piece, whether such web is made tubular or flat, or with the lining attached to the outside by tying or connecting, substantially as set forth.

74,963.—CONCRETE PAVEMENT.—Wells H. White, Troy, O.

1. Claim concrete pavements composed of the materials, and laid hot, and then rolled with a hot roller, substantially as set forth.

74,964.—PREPARING SCHOOL SLATES.—Lawrence Wiegell, Joseph Lehnbeuter, and Charles Fezgers, Cincinnati, Ohio.

1. Claim an artificial slate made with a composition of liquid caoutchouc, asphaltum, and pulverized pumice stone reduced to a thin paste with spirits of turpentine and applied to pasteboard by means of rollers, all substantially as and for the purpose specified.

74,965.—CORN SHELLER.—John R. Wilbur, Chicopee, Mass.

1. Claim, 1st, The Y-shaped ribs, k, in combination with teeth or points, L, on the face of the cylinder, A, and bonnet, B, constructed substantially as described and for the purposes set forth.

2d, The crank, H, and shaft or arm, E, in combination with the hopper, D, constructed as described and for the purposes set forth.

74,966.—CORK PULL.—David Williamson (assignor to James Williamson), New York City.

1. Claim the cork drawer formed with a mortise, containing the sliding and pivoted cross bar, with its catch, and the spring for moving the bar crosswise to the mortise, substantially as specified.

74,967.—CLAY WASHING AND STONE SEPARATING MACHINE.—Elihu Wilzinski, Chicago, Ill.

1. Claim the tank, A, provided with partition, B, beater, M, and sliding gate F, with strainer, G, the whole constructed and operating substantially as and in the manner herein set forth, forming the clay washing and stone separating machine.

74,968.—ATTACHMENT FOR HOT AIR REGISTER.—James D. McBride, Mansfield, Ohio.

1. Claim in combination with an attachment for a hot air register, the water vessels, B and D, arranged in the manner and substantially as herein described.

Also the stand, F, when used for the purpose and in the manner substantially as herein set forth.

Also the combination of the several parts, A B C D E and F, for the purpose and substantially as herein described.

74,969.—RAILROAD CAR STOVE.—A. P. Winslow, Cleveland, O.

1. Claim, 1st, The water chamber or tank, B, and perforated water pipe, D, in combination with a railroad stove, substantially as and for the purpose set forth.

2d, The guards, a, in combination with a stove, substantially as and for the purpose set forth.

REISSUES.

2,874.—LAMP.—Chas. W. Cahoon, Portland, Me. Patented Dec. 3, 1861.

1. Claim, 1st, A lever with chimney fastenings, having that part of it on which the chimney rests extended, so as to form a deflector, substantially as described.

2d, The deflector, broad, flat-shaped, or nearly so, when filling the interior of the chimney, and combined with an air screen and ring with standards, substantially as and for the purpose specified.

3d, The combination of the said deflector with the conical foraminous piece of metal and the cylindrical tubular air screen, for the purpose of forming the air chamber, A, protecting the flame, and admitting the air from below the same, substantially as described.

4th, The combination with the lever for raising the chimney of the deflector, air screen, and foraminous piece of metal, substantially as and for the purposes specified.

5th, The ring surrounding the wick tube, a little above the top of the same, with the standards, s, substantially as and for the purposes specified.

6th, A chimney holder having a projection for manipulating the same, chimney fastenings, a deflector, and a joint, substantially as and for the purpose set forth.

7th, The combination of the ring, f, supports, s, s, and air screen, c, substantially as and for the purpose set forth.

8th, In combination with the burner of a lamp having a glass body, a metallic handle, as herein described.

2,875.—EYELETING MACHINE.—Wm. N. Ely, Stratford, Conn., assignee by mesne assignments of N. Ames and J. E. Gowen. Patented May 14, 1867. Division C.

1. Claim, 1st, A reciprocating heading seat, constructed, arranged and operated substantially as described.

2d, A reciprocating piston or holding pin, in combination with the heading seat, when constructed, arranged, and operated substantially as described.

3d, A spring piston rest, in combination with the reciprocating heading seat and holding pin, arranged and operated substantially as described.

4th, The reciprocating heading seat and piston, in combination with a vertical header, arranged and operated substantially as described.

5th, A reciprocating heading seat, in combination with a header and work supporting table, substantially as described.

6th, A heading seat, header, and work supporting table, in combination with a work feeding device, substantially as described.

2,876.—EYELETING MACHINE.—Wm. N. Ely, Stratford, Conn., assignee by mesne assignments of N. Ames and J. E. Gowen. Patented May 14, 1867. Division B.

1. Claim, 1st, A common receptacle or hopper, adapted and arranged for holding the eyelets when thrown in promiscuously, substantially as described, in order that they may be automatically discharged therefrom and delivered in proper position to the heading mechanism, for the purposes set forth.

2d, Agitating the eyelets so as to present them in proper position to the eyelet feeding mechanism, substantially as described.

3d, A promiscuous eyelet holding hopper, provided with means for delivering the eyelets in proper position, an eyelet feeding mechanism, and an eyelet heading mechanism, when combined and operating substantially as described.

4th, In combination with the above, a work supporting table, substantially as described.

5th, In combination with the element of the third claim and a work supporting table, a work feeding device, for the purposes described.

2,877.—EYELETING MACHINE.—Wm. N. Ely, Stratford, Conn., assignee by mesne assignments of N. Ames and J. E. Gowen. Patented May 14, 1867. Division C.

1. Claim, 1st, A reciprocating punching table, constructed and arranged so as to be alternately removed and replaced, substantially as described.

2d, The reciprocating puncher, in combination with the reciprocating punching table, substantially as described.

3d, The combination of a puncher, a work holding table, and a work feeding device, substantially as described.

4th, The combination of a puncher and gage for the line of holes, substantially as described.

2,878.—EYELETING MACHINE.—Wm. N. Ely, Stratford, Conn., assignee by mesne assignments of N. Ames and J. E. Gowen. Patented May 14, 1867. Division D.

1. Claim, 1st, The combination of a puncher and header with a movable punching table, substantially as described.

2d, The combination of puncher, header, work supporting table, and work feeding device, substantially as described.

3d, An organized eyeletting machine, in which the work is supported and fed along, the holes punched, the eyelets supplied, inserted, and headed down, substantially as described.

2,879.—EYELETING MACHINE.—William N. Ely, Stratford, Conn., assignee by mesne assignments of N. Ames and J. E. Gowen. Patented May 14, 1867. Division E.

1. Claim, 1st, A puncher and header operating reciprocally, when combined, arranged and operating so as to strike alternately on or over the same fixed point, substantially as described.

2d, A reciprocating heading seat in combination with the puncher and header, when arranged and operating at the same fixed point, substantially as described.

3d, A laterally reciprocating punching table in combination with the puncher, header and heading seat, all arranged and operating at the same fixed point, substantially as described.

4th, The reciprocating punching table and heading seat so combined, arranged and operating as to alternately occupy the same place for punching holes and heading eyelets at the same fixed point, substantially as described.

5th, Supplying the eyelets from a common hopper to the heading seat or holding point by a belt and groove, substantially as described.

6th, The work-feeding device, constructed and arranged with an eyeletting machine, substantially as described.

7th, The adjustable gage in combination with the holding table for regulating the line of eyelets, substantially as described.

8th, Punching the holes and furnishing, inserting and heading the eyelets at the same combination of machinery, by means substantially as described.

2,880.—EYELETING MACHINE.—William N. Ely, Stratford, Conn., assignee by mesne assignments of N. Ames and J. E. Gowen. Patented May 14, 1867. Division F.

1. Claim, 1st, The combination of hollow rod, J, and lever, I, arranged and operating substantially as described.

2d, The combination of hollow rod, J, and piston, K, arranged and operating substantially as described.

3d, The combination of hollow rod, J, piston, K, and lever, I, arranged and operating substantially as described.

4th, The combination of rod, J, piston, K, spring, P, and lever, I, arranged and operating substantially as described.

5th, The combination of rod, J, piston, K, lever, I, and header, C, arranged and operating substantially as described.

6th, The combination of hopper, N, with eyelet-feeding mechanism and rods, J, and K, and header, C, substantially as described.

7th, The combination of puncher, B, and sliding plate, U, substantially as described.

8th, The combination of plate, U, and levers, V and I, substantially as described.

9th, The combination of puncher, B, header, C, sliding plate, U, and rods, J and K, substantially as described.

10th, The combination of puncher, B, header, C, plate, U, rods, J and K, hopper, N, belt, R, and groove, X, substantially as described.

11th, The combination of table, U, and pawl, Y, substantially as described with the set, or punch and set, of an eyelet machine.

12th, The combination of hopper, N, with bristles or flexible arms, o, substantially as described.

2,881.—BASE BURNING STOVE.—Dennis G. Littlefield, Albany, N. Y. Dated August 13, 1863. Reissue 1594. Dated December 21, 1863.

1. Claim, 1st, The devices described by means of which the magazine and each of the several sections of which it is composed are held in their proper positions while at the same time the several parts are so adjusted as readily to admit of being separated and reunited at pleasure.

2d, The corresponding notches or shoulders in the iron cylinder and the lining as described, by means of which the lining is held in its place, notwithstanding the greater expansion of the cylinder by heat and without danger to the same.

3d, The magazine, constructed as described, in combination with the furnace separate from it and suspended within a chamber isolated from the chamber surrounding the magazine.

4th, The combination of a magazine contracting in diameter from the middle or other part toward its lower end, with a furnace suspended within a chamber isolated from the chamber surrounding the magazine.

5th, The devices described by means of which I am able to construct what I denominate the upper and lower sections of the burner, each complete in itself separately and so to adjust them as to admit of their being conveniently separated and reunited without injury to either.

6th, The intercommunication to be opened and closed at pleasure between the chamber of a magazine coal burner which surrounds the furnace and that which surrounds the magazine.

2,882.—LAMP.—Wm. N. Ely, Stratford, Conn., assignee by mesne assignments of L. Bailey and R. Thayer. Patented May 4, 1858.

1. Claim, 1st, Suspending the body of the lamp within an outer case, so arranged that the air shall pass within the case and around the lamp body to the flame, substantially as described.

2d, A hollow lamp case, pedestal, and base, constructed and arranged in relation to the lamp body substantially as described.

3d, An annular lamp body in combination with an outer case, substantially as described.

4th, Constructing and arranging the parts so as to deflect the air coming upon outside the lamp body toward the flame, substantially as described.

5th, Supplying air to the flame by means of the channel formed between the body of the lamp and the outside shell or case, substantially as described.

6th, Arranging and using the rod or wire, K, in relation to the flame and hollow pedestal and outer case, substantially as and for the purposes described.

7th, The concavo-convex button constructed and arranged substantially as and for the purpose described.

2,883.—TUMBLER WASHER.—John Solter, Baltimore, Md. Patented Sept. 4, 1866.

1. Claim, 1st, In a tumbler washing machine, operating the valve, e, by pressing the tumbler, in seating it, in the manner as shown and described and for the purpose set forth.

2d, The combination of the lever, K, and valve, e, constructed and operated in the manner substantially as shown and described and for the purpose set forth.

2,884.—HAY KNIFE.—Philo O. Soper, San Francisco, Cal. Patented Jan. 29, 1867.

1. Claim, 1st, The construction of the blade, B, substantially as described.

2d, The bearing of the shank, C, in connection with the angle given to the edge of the blade, B, substantially as and for the purpose specified.

3d, The point, A, substantially as and for the purposes above described.

2,885.—LAST.—Ambrose Taylor, Osawatomie, Kansas. Patented Nov. 5, 1867.

1. Claim, 1st, The spring hook, E, secured by its shank, F, in the block, B, and engaging with the book C, set in the last A, all constructed and arranged to operate as herein set forth, for the purpose specified.

2d, The prevention of lateral or backward movement of the block, B, by having the hook, C, extend upward above the surface of the upper side of the last, and within a recess in the undersurface of the block, B, substantially as shown and described.

DESIGN.

2,940.—CLOCK FRONT.—Amos Wilder and Cyrus W. Strout, Boston, Mass.

NOTE.—FIFTY-SIX patents in the above list were obtained through the Home Office of the Scientific American Patent Agency.—Eds.

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.

59,395.—HAND STAMP.—B. B. Hill, Chicopee, Mass. Dated Nov. 6, 1866. Reissue No. 2,336. Dated Jan. 14, 1868. Application for reissue received and filed Feb. 3, 1868.

1st, I claim, in combination with the type wheel or wheels and inked ribbon of a hand stamp, a series of characters arranged in a circle concentric with the face or periphery of the type wheel and revolving with and always occupying the same relative position to the characters upon the printing face of said type wheel for the purpose of indicating to the operator the figures or characters to be stamped, substantially as described.

2d, I claim the base, G, having the projecting rim, U, and the axis pin, a, and the base plate, P, the whole forming a wheel case or protection for the type wheel, when constructed and arranged substantially as herein described and set forth.

3d, I claim the wheels, KK', arranged upon the same axle with the wheels, I, J, in combination with a hand stamp, arranged and operating substantially as described.

4th, I claim the bracket, H, made on or secured to the case, G, having a step, c, or its equivalent, to enter the lower end of the spindle, and orifice for the screw, e, for attaching and detaching said case to the spindle, E, substantially as and for the purpose described.

5th, I claim the flange, K, in combination with the case, L, for the purpose of easily and quickly attaching the type plate to or detaching it from a hand stamp, when constructed and operating substantially as herein described.

59,388.—MEDICAL VACUUM CHAMBER.—George Hadfield, Cincinnati, Ohio. Dated Nov. 6, 1866. Application for reissue received and filed Feb. 3, 1868.

1. Claim the employment of a hand support or rest, substantially as and for the purposes set forth.

I also claim the sealing cap, F, substantially as and for the purposes set forth.

39,043.—FIRE GRATE.—W. D. Guseman, Morgantown, West Va. Dated June 30, 1863. Application for reissue received and filed Feb. 8, 1868.

1st, I claim the sliding blower or screw in combination with the grate, for the purpose specified.

2d, The damper in combination with the flue, sliding blower or screen and grate, all arranged substantially in the manner as and for the purpose set forth.

54,662.—RAILWAY CAR.—E. H. Ashcroft, Lynn, Mass. Dated May 15, 1856. Application for reissue received and filed Feb. 11, 1868.

I claim a safety car constructed with a water space with one or more showering pipes and a fusible plug apparatus, arranged substantially in manner and so as to operate with respect to the car chamber, as specified.

I also claim, in combination with a water space, substantially as herein set forth, a heating apparatus and circulating pipes, whereby the water shall be caused to circulate substantially upon the principle as herein set forth.

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.

EXTENSION NOTICES.

Thomas A. Steadman, administrator of the estate of Thomas S. Steadman, deceased, of Lyons, Mich., having petitioned for the extension of a patent granted to the said Thomas S. Steadman the 23d day of May, 1854, and reissued in three divisions the 19th day of June, 1860, respectively numbered 985, 986, and 987; No. 985 was again reissued the 5th day of June, 1856, and numbered 2,279, and No. 987 was again reissued the 20th day of June, 1865, and numbered 2,009; for an improvement in clover and grass seed harvesters, for seven years from the expiration of said patent, which takes place on the 23d day of May, 1868, it is ordered that the said petition be heard at the Patent Office on Monday, the 4th day of May next.

Frederic Howes, of Boston, Mass., having petitioned for the extension of a patent granted to him the 30th day of June, 1854, for an improvement in extra yard to topsails, for seven years from the expiration of said patent, which takes place on the 20th day of June, 1868, it is ordered that the said petition be heard at the Patent Office on Monday, the 1st day of June next.

George T. Bigelow, administrator of the estate of Samuel Nicolson, deceased, of Boston, Mass., having petitioned for the extension of a patent granted to the said Samuel Nicolson the 8th day of August, 1854, for an improvement in wooden pavements, for seven years from the expiration of said patent, which takes place on the 8th day of August, 1868, it is ordered that the said petition be heard at the Patent Office on Monday, the 6th day of July next.

NEW PUBLICATIONS.

LAW REGISTER AND OFFICIAL DIRECTORY. Merchants' Law Company, publishers, No. 128 Broadway, N. Y.

For lawyers, collectors, and business men of almost all other professions, the Directory just issued is of great importance. It contains the names and residences of over 85,000 lawyers and public officers, and has the following interesting statistics: Of the lawyers (37,296) and of the officials (48,350) whose names are contained in this work, 2,960 of the former are on the retired list and 2,350 occupy judicial positions, which leaves 31,986 in actual practice. It is estimated that the earnings of each average \$2,000 per annum, making a total expenditure for law in this country of over sixty-three million dollars a year. The work contains over 1,000 pages, is published in law binding style, and will be found a useful work for reference to all classes of business persons.

ATLANTIC MONTHLY. Ticknor & Field, Boston. March number just out.

GALAXY. W. C. & F. P. Church, 39 Park Row, New York. Monthly. Price \$3 30. March number just issued.

THE BROADWAY MAGAZINE. Geo. Routledge & Sons, 416 Broome street, N. Y. Price \$3 a year. March number just issued.

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