

3d, The supplemental tube, F, as and for the purposes substantially as described.

4th, The tapering movable gas holder, A, as and for the purposes substantially as described.

75,470.—APPARATUS FOR DISTILLING SPIRITUOUS LIQUIDS.—Wm. Shilling, Baltimore, Md.

I claim, 1st, The combination of the condenser, J, and the low-wine reservoir, L, or their substantial equivalents, with the doubler and the cooler, C, essentially as described.

2d, The combination of the low-wine reservoir, L, and condenser, J, with the cooler, C, and the meter, substantially as described.

3d, The low-wine reservoir, L, arranged in relation to the doubler, for the purposes substantially as described.

4th, The combination of the low-wine reservoir, and the condenser, or their substantial equivalents.

5th, The condenser having its bottom sunk and its top raised, in the manner and for the purposes substantially as described.

6th, The perforated disk, p.

7th, The condenser having a collar, d, essentially as described.

8th, The combination of the supply pipe, s, and cock, S, and draw-off cock, z, or their equivalents, with a condensed substantially as described.

75,471.—HOLDER FOR RAZOR STROP.—Geo. Scott, Steubenville, Ohio.

I claim, as a new article of manufacture, the razor strop, when the leather thereof is secured to the curled ends of the spring steel back, whereby said leather is prevented from slackening by stretching, and is kept in a constant state of tension, as herein shown and described.

75,472.—STOVE DRUM.—Emel Selbach, Columbus, Ohio.

I claim the pan, D, in combination with the drum, C, operating and arranged substantially as and for the purpose set forth.

75,473.—COMPOSITION CEMENT FOR PAVEMENT, ETC.—A. M. Shaw, Lebanon, N. H.

I claim a cement for pavements and flooring, roofing, and other purposes, composed of the ingredients above named, mixed, applied, and finished in the manner above described.

75,474.—FRAME FOR HOP VINE.—A. Shoemaker and W. Phelps, Conesville, N. Y.

We claim an improved hop-vine frame formed in squares of four stakes, a, joined together at top and bottom, b, b, in combination with the bent poles, c, c, arranged as and for the purposes herein described.

75,475.—RAILROAD CHAIR.—W. S. Shotwell, Paterson, N. J.

I claim, in chair for railroad rails, holding the rails by sheet metal presented edgeways to the rails, substantially as and in the manner herein set forth.

75,476.—RAILWAY TRUCK.—W. S. Shotwell, Paterson, N. J.

I claim, 1st, The wheels, D, with grooved periphery, in combination with shaft, B, provided with a flange or flanged collar, a, substantially as and for the purpose specified.

2d, The arrangement of the bars, H, H, with the cross ties, K, K, the wheels, D, D, and the axles, B, B, whereby I am enabled to have a double number of bearings, and to have said bearings at an desirable point between the wheels A, or outside of them if necessary, as is herein fully set forth.

75,477.—BRIDGE.—F. H. Smith, Baltimore, Md.

I claim, 1st, A bottom chord, formed of clusters of rods connected, as described, in the panels and connected to each other through the brace blocks, by a single rod, substantially as and for the purpose specified.

2d, The combination of the clusters of rods, D, nut plates, E, single rods, G, angle blocks, B, and nuts, H, with each other, with the horizontal cross rods, M, by which the various lines of clusters are connected to each other, and with the vertical rods, I, by which the bottom chord and superstructure of the bridge are connected together, substantially as herein shown and described, and for the purpose specified.

75,478.—CLOTHESPIN OR CLASP.—H. C. Smith, Dublin, Ind.

I claim the within-described clothes clasp, made of india-rubber, and having a clasp, a side division, b, and projections, c, c, substantially as and for the purpose herein specified.

75,479.—LAMP.—W. H. Smith, New York city.

I claim, 1st, The round wick tube, A, provided with a flange, K, on its outside, and a passage, B, in combination with the worm pipe, D, constructed with an inward flange at its top, substantially as herein shown and for the purposes described.

2d, Constructing the wick tube, A, with a slot, B, made in the manner and for the purpose substantially as herein shown.

3d, Providing the top opening of the tube, M, arranged in relation to each other substantially as and for the purpose herein set forth.

4th, The construction and arrangement of the top edge of the spiral tube, P, being below the edge of the tube, A, for the purpose of preventing the flame to reach the tube, D, and heating the burner, substantially as herein shown.

5th, The tube, F, tightly jointed, and uniting with the wick tube, A, substantially as and for the purpose herein described.

75,480.—FLY TRAP.—Albert Snyder, Jackson, Mich.

I claim the combination of the dome, A, and platform, C, with the holes, I, I, dish, D, and rim, B, as and for the purpose set forth.

75,481.—HORSE HAY FORK.—Harvey B. Steele, West Winfield, Conn.

I claim the shield or scabbard, A, constructed as described, in combination with the lever, B, E, connecting rod, F, and prong, G, arranged and operating substantially as and for the purposes set forth.

75,482.—PHOTOGRAPHIC PRINTING APPARATUS.—J. Stehman, Lancaster, Pa.

I claim the additional printing process, substantially in the manner specified.

75,483.—LAMP BURNER.—C. St. John, Charleston, Mass.

I claim, in combination with the wick tube applied to the cap-crow or lamp body, so as to be movable vertically, relatively to the air-deflector or chimney supporter, substantially in manner as specified, the foraminous cup or guard, D, made and arranged with the chimney supporter and the air deflector, substantially as specified.

Also, the improved lamp-burner as composed of the chimney-holding springs, I, the chimney supporting cone and air-deflector, the perforated cup, B, the standards, E, E, the screw cap, B, and the wick tube, A, and its guide, K, as described, and having the wick movable in the cap, B, and guide, K, by means and in manner as described.

75,484.—TRUSS PAD.—Fred. A. Stohmann, Brooklyn, N. Y.

I claim a truss pad, formed with spring-fingers, padded and attached to the truss spring, as and for the purposes set forth.

75,485.—SYRINGE.—Fred. A. Stohmann, Brooklyn, N. Y.

I claim a syringe with a hollow piston rod, d, piston, e, screw-head or cap, b, and neck, g, as and for the purposes set forth.

75,486.—HORSE HAY FORK.—Hiram C. Stouffer and Abraham Stouffer, Beverly Township, Ohio.

We claim the tines, B, C, links, F, D, and shaft, A, in combination with the lever, F, all constructed and arranged to operate in the manner as set forth.

75,487.—MACHINE FOR FORMING TUBULAR BEADS ON SHEET METAL GUTTERS.—O. W. Stow, Plantsville, Conn.

I claim the combination of the cam lever, B, G, with the pivoted jaws, D, D, whereby the jaws are closed to form the bead, substantially as described for the purpose specified.

75,488.—BOLT FASTENING.—Enoch E. Stubbs, West Elkton, Ohio.

I claim the combination of key, d, dog, a, and spring, e, with the clasp, D, and recessed bowl, A, when the several parts are constructed, arranged, and operated conjointly in the manner and for the purpose specified.

75,489.—CAR COUPLING.—A. W. Sullenberger, Laurel, Ind.

I claim, in combination with the shaft, E, segment, D, and pin, C, suspended between the yokes, B, and trigger, G, for holding the pin suspended in a vertical position and dropping it automatically, on the entrance of the link into the drawhead, substantially as described.

75,490.—SPRING BED BOTTOM.—Richard Tattershall, Beloit, Wis.

I claim the employment of the device herein described for securing the supporters, C, to the bedstead, D, as set forth.

Also, the guard bands, H, or their equivalent, in combination with the supports, C, brackets, L, locking pins, K, hooks, b, the transverse slot, I, rubber springs, G, and sliding plate, F, all constructed and arranged substantially as herein set forth and described, for the purpose specified.

75,491.—COAL STOVE.—Jasper Van Wormer and Michael McGarvey, Albany, N. Y.

We claim, 1st, In baseburning or magazine stoves, a funnel or hopper attached to or supported by the top or outside casing of the stove, in combination with the open top magazine cylinder, K, as and for the purpose set forth.

2d, The perforated check-draft plate, I, in a downward draft flue, provided with a register, X, so arranged as to pass the soot and ashes that collect upon them, through the register and plate, into the escape flue, when the register is traversed for that purpose.

75,492.—TELEGRAPH POLE.—Cromwell Fleetwood Varley, New York city.

I claim the combination of a conducting wire, running to the ground, with the telegraph pole and the insulators attached thereto, substantially as and for the purpose set forth.

75,493.—PHOTOMETER.—Dr. H. Vogel, Berlin, Prussia, assignor to Wilson & Hood, Philadelphia, Pa.

I claim, 1st, The arrangement of the transparent paper strips, C, which are arranged in steps, and which are divided into sections, each section having an opaque partition, substantially as shown and described.

2d, The box, A, with the screw cap, B, having a glass plate b, and the stopper, a, paper, C, and with the sliding false bottom, D, pressed against the paper, C, by means of a spring, E, as set forth, all made and operating substantially as herein shown and described.

3d, The paper strips, saturated with alkaline chromate, when they are applied to a photometer, substantially as herein shown and described.

75,494.—ATTACHING HORSESHOE.—John Wagner, Washington, D. C.

I claim attaching the bands, C and D to a horseshoe, B, in the manner substantially as shown and described and for the purpose set forth.

75,495.—DEVICE FOR CONVERTING ROTARY INTO RECIPROCATING MOTION.—Eaton Walker, Dundee, Ill.

I claim the combination of the wheels, A, provided with the cams, a, the oscillating lever, D, provided with the friction rollers, f, and the arm, F, all constructed and arranged to operate substantially as described.

75,496.—VAPOR BURNER.—Thomas Ward, Columbus, Ohio.

I claim, 1st, The application of the double packing, H and I, to regulate the fluid and gas, as set forth in the above specification.

2d, The brass or metal plate, F, having the lower end formed into a cup, D attached to the burner, and its upper end bent inward toward the generating chamber, all as described, and arranged in relation to the aperture, g, substantially as and for the purposes set forth.

75,497.—OIL FOR PAINT, ETC.—William Ward, Cleveland, O.

I claim, 1st, The herein-described compound, consisting of the waste and lincsed oil, or its equivalent, when compounded in the manner, and in any proportion, for the purpose substantially as set forth.

2d, The compound, consisting of waste, lincsed oil, and lime, or its equivalent, when compounded in the manner and for the purpose substantially as described.

3d, The utilizing of the waste from the bleaching apparatus of paper mills, by compounding the said waste with lincsed oil, or its equivalents, or with crude petroleum, or with its distillates; also, in compounding the same with lime in its various conditions, and with the pigments used for paint, in the manner substantially as described.

75,498.—PLANER'S CHUCK.—William H. Warren, Worcester, Mass.

I claim, 1st, The approved planer's chuck, herein described, when its several parts are constructed and arranged substantially as set forth.

2d, The sliding jaw, G, having the slotted blocks, E, E, attached thereto, in combination with bed plate and set screws, all constructed as and for the purposes set forth.

3d, The subject matter of second claim, in combination with the movable pins, C, C, when arranged to operate in the manner substantially as specified.

75,499.—INKING APPARATUS FOR COLOR PRINTING.—Lawrence B. Waterman, Indianapolis, Ind., assignor to John Carlton & Co.

I claim, 1st, The screw rod, D, and nuts, e, e, in combination with sectional rollers, a, a, c, c, c, c, all combined and arranged substantially as and for the purpose set forth.

2d, The inking roller, i, provided with the removable shaft, K, working in a sliding bearing, H, in combination with the distributing roller, J, having fixed bearings, j, substantially as and for the purpose set forth.

75,500.—DEVICE FOR WEAVING CHAIR SEAT.—G. A. Watkins, Proctorsville, Vt.

I claim a needle or shuttle, of flat shape or bar form, constructed as described, to hold the splints at their one end in such a manner as that the splints may be readily detachable therefrom after it has been passed through the yarn and shaped to form a battan for beating up the filling, substantially as specified.

75,501.—CAR BRAKE.—James White and Thomas Lingle, South Amboy, N. J.

We claim, 1st, The suspended frame, C, in combination with the shaft, E, axle, A, and band, d, d, and the device for preserving the tension of the band, substantially as described, for the purpose specified.

2d, The sliding clutch and sleeve, F, with brake chain, G, attached, substantially as described, for the purpose specified.

3d, In combination with the shaft, the rod, e, pin, f, bell crank, g, and rod, h, substantially as described, for the purpose specified.

4th, The self-acting raze, when the same is arranged for the purposes set forth, and when consisting of the adjustable bar, j, arranged as described, in combination with the bar, e, bell crank, g, or its equivalent, and rod, h, all made and operating substantially as and for the purpose herein shown and described.

5th, The adjustable gage, j, in combination with grooved sleeve, F, and rod, e, substantially as described, for the purpose specified.

6th, The device for operating the brakes by the chain, G, said device consisting of the arrangement and combination with the lever, K, of the lever, O, having an arm, r, the sliding bar, N, spring, s, and pulleys, p, p, and q, all made and operating substantially as and for the purposes herein shown and described.

7th, The lever, K, in combination with the lever, O, and chain, L, for the purpose of combining the band brake with that which is operated from the locomotive, substantially as set forth.

8th, The ratchet wheel, k, and spring pawl, l, in combination with the sleeve, F, all constructed as described, for the purpose specified.

75,502.—BRIDGE.—T. B. White, New Brighton, Pa.

I claim the clamps and packing blocks, E, F, and G, made of wrought iron, and constructed and arranged for use substantially as described, and for the purposes set forth.

75,503.—HOP DRYER.—Jonathan Whitney, Fort Winnebago, Wis.

I claim, 1st, A hop dryer, consisting of a drying room, E, and store room F, and provided with a curved frame, B, having tilting drying floors, mounted on a track, D, all constructed and arranged to operate substantially as described, and for the purpose set forth.

2d, The curved frame, B, and tilting drying floors, A, constructed and arranged to operate substantially as described, and for the purpose set forth.

75,504.—PAVEMENT.—C. Williams, New York city.

I claim the construction and arrangement in a wooden pavement of the blocks, A, A, in such a manner that double dovetailed grooves shall be formed between said blocks, so that when the same are filled with cement, as herein described, such filling will operate as a tie to said blocks, substantially as set forth.

75,505.—WATCH CASE.—Gile J. Willson, Reading, Pa.

I claim, 1st, The application of a separate entire ring to the center of an ordinary watch case, new or old, which the movement of the watch will connect with, in the manner set forth, made of any convenient material, and of any size, shape, or form, to answer the purposes set forth.

2d, The application of a conical pointed tube, with its bearing or packing on the movement of a watch or some elastic substance, and connected with the cap of the watch in any convenient manner, to answer the purposes set forth.

75,506.—DOVETAIL MACHINE.—Robert Wolf, Burlington, Iowa.

I claim, 1st, The combination of the cam, F, and jointed lever, G, with the fork, f, pin, g, and carriage, I, all made and operating so that a suitable oscillating motion is imparted to the carriage, I, substantially as and for the purpose herein shown and described.

2d, The longitudinally movable frame, H, in combination with the oscillating carriage, G, and laterally movable bed, J, all made as described, and operating with the saw, E, substantially as and for the purpose herein shown and described.

3d, The combination of the lever, K, pawl, J, slotted adjustable pawl, k, spring catch, I, and bed, D, all constructed, arranged, and operating substantially as described.

4th, The combination of the oscillating plate, P, slide, u, levers, M, O, and chisel, N, substantially as described for the purpose specified.

5th, The levers, O, M, and chisel, N, in combination with the cam, L, operating substantially as described, for the purpose specified.

6th, The combination of the bed, T, tripping levers, b', c', sliding rack, U, and the slide, V, constructed and operating substantially as described, for the purpose specified.

REISSUES.

2,891.—FOLDING CHAIR.—Benjamin J. Harrison, and James Condie, New York city. Patented July 17, 1866.

We claim, 1st, The seat rail, b, at their upper ends, and by the rail, s, at their lower ends, in combination with the pair of legs, B, pivoted at c, to the legs, A, and united only at their upper ends at the seat rail, C, as specified, so that the rail, b, can pass entirely through, beneath the rail, c, when the legs are folded, as set forth.

2d, The seat rail, C, into which the side pieces or arms, E, of the back are framed, and extended through to the bar, G, in combination with the legs, B, and forms the axis on which the back E, F, swings, substantially as specified.

3d, Connecting the frame forming the back to the folding legs by a riveted bar or pivots about the point at which the flexible seat is united to the back seat rail, substantially as set forth, so that the flexible seat maintains the back in an upright position.

2,892.—BASKET.—Lansing Marble and Townsend North, Vassar, Mich., assignees of Lansing Marble. Patented Jan. 7, 1862.

We claim, 1st, A basket formed of two series of overlapping splints, A, A', substantially as described, and fastened in any suitable manner.

2d, In combination with the above, the hoops, a, a, and g, g, substantially as and for the purpose specified.

2,893.—HYDROCARBON VAPOR APPARATUS.—F. S. Pease, Buffalo, N. Y. Patented March 18, 1860.

I claim, 1st, The combination of the box, A, one or more pans, B, for containing hydrocarbon liquid, the supply pipe, C, at or near the top, the exit pipe, D, at or near the bottom, and the condenser, E, the whole operating substantially as and for the purposes herein set forth.

2d, Condenser employed in connection with an air carbureting apparatus, substantially as and for the purposes set forth.

3d, The combination with the pans or trays, B, of the perforated plates, b, through which the air passes in its course through the carbureting chamber.

2,894.—FRUIT BOX OR BASKET.—Jabez W. Hayes, Newark, N. J. Patented Aug. 12, 1866.

I claim, 1st, A box or basket composed of veneers or laminae of wood, laid across each other and turned up to form the sides, so that the bottom is made of two thicknesses, secured together substantially as specified, and the sides of single thicknesses.

2d, A box or basket formed of veneers of laminae of wood, crossing each other at the bottom and turned up to form the sides, in combination with a cord, or its equivalent, passing around the sides to hold them together, substantially as set forth.

3d, A box or basket in which on laminae of woods forms, two of the sides and one thickness of the double bottom, substantially as set forth.

2,895.—COAL STOVE.—J. J. Savage, Troy, N. Y. Patented Feb. 12, 1867. Division B.

I claim, 1st, Constructing a heating stove with its fuel doorway or aperture B, below and forward of its flame or combustion chamber and contiguous to or adjoining its fire box A, in manner substantially as and for the purposes herein set forth.

2d, The combination of the fuel doorway or aperture B, and fire box A, extended contiguously thereunder, as applied to heating stoves in manner substantially as and for the purposes set forth.

3d, In combination with a heating stove having its fuel doorway in the position as herein described, the employment thereof with a lifting lever, I, substantially as and for the purposes set forth.

4th, In a heating stove, in combination with its fire box back lining plates E, and its fuel doorway or aperture B, the arrangement of a front lining plate E, in position between the flame chamber C, and the said fuel aperture, in manner substantially as and for the purpose set forth.

5th, In combination with a lever lifter F, as applied to heating stoves in manner as herein described, the employment of a holding hook b, and catch ridge c, substantially as and for the purpose set forth.

6th, A heating stove so constructed that fresh fuel may be cast or fed directly into vacant rosm or open places, previously formed or made for it in below, and between the ignited fuel or coke, within the fire box of said stove, by the means and operation in manner substantially as hereinbefore fully described and shown, for the purposes as set forth.

2,896.—TRELLIS FOR STRAWBERRY AND OTHER PLANTS.—Wm. W. Wilcox, Middletown, Conn. Patented Aug. 27, 1867.

I claim a trellis a, made substantially as described, with an upright post or posts, e, and branching arms, c, or their equivalent.

DESIGNS.

2,947.—HOOP SKIRT.—Charles S. Chaffee and Charles H. Vanderhook, Birmingham, Conn.

2,948.—AX LABEL.—James H. Mann, Lewistown, Pa.

2,949.—REED ORGAN CASE.—John Schatz, New Haven, Conn.

2,950.—TRADE MARK.—Junius Schenck, New York city.

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.

[ISSUED FOR WEEK ENDING TUESDAY, MARCH 3, 1868.]

20,647.—GANG PLOW.—Don Carlos Matteson, Stockton, Cal. Dated June 22, 1858. Application for reissue received and filed February 24, 1868.

I claim the arrangement as described, of the false beam, N, goose neck, G, axle, u, lever, i, catch, L, and the system of plows, attached to their frame as set forth, the whole being constructed and operating substantially as and for the purposes specified.

I further claim the rake wheels and irons, v, v, and the axles, w, arranged substantially in the manner herein specified.

19,896.—LAMP.—P. Hannay, Washington, D. C., and Hudson Taylor, Poughkeepsie, N. Y., assignees by mesne assignments of Pascal Plant, Washington, D. C. Dated April 6, 1858. Application for reissue received and filed February 25, 1868.—Division A.

1st, I claim causing a current of air to impinge upon or combine with the lower or blue part of the flame of a hydro-carbon lamp, through the instrumentality of a cap piece or burner, without the aid of a chimney, substantially as described.

2d, A cap piece or burner, combined with and applied to a hydro-carbon lamp, for the purpose of producing combustion without the aid of a chimney, substantially as described.

3d, Making the cap piece or burner adjustable, relatively, to the wick and wick tube, substantially as described.

19,896.—I AMP.—P. Hannay, Washington, D. C., and Hudson Taylor, Poughkeepsie, N. Y., assignees by mesne assignments of Pascal Plant, Washington, D. C. Dated April 6, 1858. Application for reissue received and filed February 25, 1868.—Division B.

1st, I claim combining the cap piece or burner, with the wick tube, or lamp top of a hydro-carbon lamp, in such a manner that the burner may be thrown back from the wick tube, substantially as and for the purposes described.

2d, The combination of a hinged cap piece, or burner, with the means of adjusting the same relatively to the wick tube, substantially as described.

3d, A hinged burner, or cap piece, for a hydro-carbon lamp, substantially as described.

65,168.—VEHICLE.—The American Hard Rubber Wagon Company, New York city, assignees by mesne assignments of John S. Campbell, Newton, N. J. Dated May 23, 1867. Application for reissue received and filed February 28, 1868.—Division A.

We claim, 1st, The bodies of vehicles constructed wholly or in part of india rubber or other plastic material, substantially in the manner herein set forth as a new article of manufacture.

2d, The arrangement of the flanges, b and c, and cross pieces, d, or either of them, in the bodies made from india rubber or other plastic material, substantially as and for the purpose specified.

65,168.—VEHICLE.—The American Hard Rubber Wagon Company, New York city, assignees by mesne assignments of John S. Campbell, Newton, N. J. Dated May 23, 1867. Application for reissue received and filed February 28, 1868.—Division B.

We claim the running gear of vehicles constructed of india rubber or other plastic material, substantially in the manner described, as a new article of manufacture.

65,168.—VEHICLE.—The American Hard Rubber Wagon Company, New York city, assignees by mesne assignments of John S. Campbell, Newton, N. J. Dated May 23, 1867. Application for reissue received and filed February 28, 1868.—Division C.

We claim the dash boards of vehicles constructed from india rubber or other plastic material, substantially in the manner herein set forth as a new article of manufacture, whether the dash board be provided with the iron frame or parts thereof or not.

25,209.—ARGAND GAS BURNER.—M. H. Collins, Chelsea, Mass., assignee by mesne assignments of Hippolyte Monier, Paris, France. Dated August 23, 1859. Application for reissue received and filed February 25, 1868.—Division A.

I claim, 1st, The construction of the argand burner, with its grate, a, and external tube, b, of clay, porcelain, or other incombustible, refractory non-conducting material, and with its inner tube and stem of metal, the several parts being combined substantially as herein described.

2d, Combining with the chimney and the base on which it rests, elastic internal supports, q, q, inclined outwardly from the top towards the bottom, and bearing against the inner surface of the chimney above its base, substantially as and for the purpose set forth.

25,209.—ARGAND GAS BURNER.—M. H. Collins, Chelsea, Mass., assignee by mesne assignments of Hippolyte Monier, Paris, France. Dated August 23, 1859. Application for reissue received and filed February 25, 1868.—Division B.

I claim the glass chimney of an argand or other burner, constructed with an upper part upon its base and having the lower portion cylindrical, and the upper part tapering towards the top, substantially as described.

63,486.—SAW.—Henry Disston (assignee of Charles Disston), Philadelphia, Pa. Dated April 2, 1867. Application for reissue received and filed February 28, 1868.

I claim, 1st, A projection, b, on a detachable saw tooth, having a circular base, adapted to a corresponding recess in the blade, in combination with a shoulder, I, on the latter, against which the said projection may be brought to bear by partly turning the tooth in the recess of the blade, all substantially as and for the purpose herein set forth.

2d, The lips, l, on the edge of the projection, d, of a saw tooth, or on the edge of a recess in the blade, in combination with a groove and recess, m, in the projection or in the blade, substantially as specified.

69,344.—SAD IRON.—A. Y. Hubbell, Elmira, N. Y. Dated October 1, 1867. Application for reissue received and filed Feb. 29, 1868.

I claim the parts, A, B, arranged in combination with a non-conducting substance, an air chamber or vacuum, substantially as set forth and described.

65,580.—MEDICAL PREPARATION.—Charles L. Lege, San Antonio, Texas. Dated June 11, 1867. Application for reissue received and filed February 29, 1868.

I claim a medication produced from the material specified.

44,964.—CLOTHES DRYER.—Lorenzo Ling, Pulaski, N. Y. Dated November 8, 1864. Application for reissue received and filed February 29, 1868.

I claim, 1st, The independently pivoted arms, B, fitted in the head, A, when used in connection with suitable automatic locks or fastenings for the purpose specified.

2d, The slides, C, on the arms, B, provided with the recesses, f, in combination with the points or spurs, e, at the ends of the flanges, a, of the head, A, and the shoulders, g, on the upper edges of said flanges, all arranged substantially as and for the purpose herein set forth.

3d, The employment or use of lines, D, one or more, when applied to the bars, B, to serve as braces or stays, for the same, substantially as shown and described.

67,469.—LUBRICATOR.—G. Waters, Cincinnati, Ohio. Dated August 6, 1867. Application for reissue received and filed Feb. 7, 1868.

The detachable combined glass reservoir and stem, A, having a single aperture so large as to admit of easy filling by "pouring," and at the same time so small as to prevent the discharge of the oil by its own gravity, substantially as hereinbefore described, for the purposes set forth.

Also, the combined tube and socket, D, when made out of a single piece of cast metal, substantially as described and used, in combination with a glass reservoir.

Also, a lubricator, consisting of a glass reservoir, A, attached to the tube, D, by means of the socket, C, and elastic packing, B, as and for the purposes described.

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.

MUNN & CO., Solicitors of Patents, 37 Park Row, N. Y.

NEW PUBLICATIONS.

LIFE IN THE WEST. 360 pages. Price \$2. S. R. Wells, publisher, 389 Broadway, New York.

The author of this work, N. C. Mulier, was for many years a correspondent of the *Tribune*, and, having spent a considerable portion of his life in the West, he relates in a very entertaining series of chapters the progress of settlements and anecdotes of the pioneer settlers. He also describes in a graphic manner the Mississippi Valley, and presents hints and suggestions to persons desiring western homes, giving a list and the location of the land offices. It will be found a useful as well as interesting work to all those who contemplate securing homesteads in the vast regions of the west.

