

of an attachment thereto composed of the scale base plate, a, supporting knobs, b, b', horizontal screw shaft, b, toothed wheels, d and e, winding arbor, f, and the attaching and indicating nut, g, all arranged and operating substantially in the manner herein set forth.

68,325.—WATER WHEEL.—Thomas Welham, Philadelphia, Pa. I claim the friction water wheel, constructed as shown and inclosed in a case, as herein described.

68,326.—MUSKETO BAR AND WINDOW SCREEN.—Alcibiades J. Whittier, Roxbury, Mass. I claim the hook, a, and the bolts, a, or their equivalent, when applied and arranged for operations substantially as and for the purpose set forth.

68,327.—CAR PLATFORM.—H. S. Wilcox, West Meriden, Ct. I claim the car platform constructed with plates, a, a', railing, f, f', supported by the posts, c, c, and secured to the cars by bolts or screws, all constructed and arranged substantially as described and for the purpose set forth.

68,328.—REFINING SUGAR AND SIRUPS.—Henry A. Williams (assignor to himself and Benj. H. Chabourne), St. Louis, Mo. I claim a combination of the ingredients used in preparing said compound, in about the proportions herein named and for the purposes set forth.

68,329.—CORN COVERER.—A. J. Combs, Olney, Ill. I claim the combination of the frames, A and E, handles, C, roller, F, and shovels, B, all arranged and operating in the manner and for the purposes set forth.

68,330.—MANUFACTURE OF BOOTS AND SHOES.—Wm. Duchemin and Albert Jeffers, Lynn, Mass. We claim the peculiar construction of the tool for forming the above mentioned channel and turning its edges, consisting of the bar, A, formed at its lower end into the cutter, A, the beak or plowshare, b, and the mold board or boards, c, substantially in manner and to operate as specified.

68,331.—SHEET COPPER PLATES FOR CULINARY VESSELS.—Andrew O'Neill, Portsmouth, O. I claim as a new article of manufacture a sheet of copper tinned, varni head, and cold rolled, in the manner set forth.

68,332.—ILLUMINATING ROOFS AND ROOF PAVEMENTS.—Thaddeus Hyatt (assignor to Elizabeth Adelaide Lake), New York City. I claim, 1st, Forming the approaches over an arway to the doorways of a building from the sidewalk by means of a solid transparent bridging of iron and glass, which serves the double purpose of stoop and roof, substantially as herein described.

2,753.—GOVERNOR FOR STEAM ENGINES.—Augustus Brown, N. Y. City. Patented Nov. 7th, 1865. I claim, the swivel arm, C, subjected to the action of a spring or weight in combination with the throttle or governor valve of a steam engine and with the belt which serves to impart motion to the governor, substantially as and for the purpose described.

2,754.—VALVE GEAR FOR STEAM ENGINE.—Putnam Machine Company, Fitchburgh, N. Y. Assignees of Charles H. Brown and Charles Burleigh. Patented January 15, 1856. 1st, We claim the cam shaft, S, when so arranged with reference to the main shaft, K, of the engine as to revolve at a rate of speed less than that of the said main shaft of the engine, substantially as, and for the purpose described.

68,333.—VAGINAL SYRINGE.—A. W. Washburn, Yazoo City, Miss. I claim the enlargement of the immediate entering head of a syringe to such an extent as to produce an annular flange radiating the desired distance beyond the barrel or conducting tube of the same and thereby producing the improved vaginal syringe herein represented and described or any other which shall be substantially the same.

REISSUES.

2,755.—HARVESTER.—Robert Bryson, Schenectady, N. Y. Patented April 8, 1862. 1st, I claim a main frame of a harvester which I adapted for carrying the drivers seat and the gearing that operates the cutters and also for having the draft tongue attached to it, said frame being carried by two driving and supporting wheels both of which are furnished with a ratchet and pawl having a finger bar, carrying a platform, hinged to it, at one side thereof, in combination with a circularly moving sweep rake which is sustained by the hinged connection of the finger bar and platform and moves over the platform at intervals and discharges the cut crop at one side thereof, in rear of the driving wheels, such rake being driven automatically from the draft frame.

2,756.—SHADE FIXTURE.—Stewart Hartshorn, New York City. Patented Oct. 11, 1864. I claim the application to a shade roller provided with a spiral spring for automatic lifting or rolling up the shade of a pawl and ratchet, or notched hub, so arranged on the roller as to form with the latter a, any point or height of the shade by simply checking the rotation of the roller and the upward movement of the shade under the influence of the spring, substantially as set forth.

2,767.—SOFA BEDSTEAD.—Charles F. Martine, Boston, Mass. Patented June 8, 1854. Reissued Dec. 25, 1855. 1st, I claim the single spring mattress so constructed and arranged with a sofa having a hinged back as to form, when the back is dropped from an upright to a horizontal position for forming a bed, an even surface without joint or center depression substantially as and for the purpose specified.

2,768.—SPOON.—Charles T. Marchand, Delaware City, Del., assignor to Higgins, Marchand & Co., Philadelphia, Pa. 2,769.—STATUETTE.—J. S. McKaye and H. G. McKay, New York City. 2,770.—CARPET OR OIL CLOTH PATTERN.—Charles T. Meyer, Bergen, N. J., assignor to Edward C. Sampson, New York City. 2,771.—TRADE MARK.—H. J. and J. T. Monsch, Louisville, Ky. 3,772.—FORK OR SPOON HANDLE.—John Polhamus, New York City. 2,773.—FENCE.—W. E. Smith, Hartleton, Pa. 2,774.—TRADE MARK.—William Ziock, St. Louis, Mo.

DESIGNS.

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., 31 Park Row, N. Y.

26,527.—WORKING BUTTER.—J. P. Corbin, Whitney's Point, assignee by mesne assignment of Josiah Seymour. Dated Dec. 20, 1859. Application for reissue received and dated Dec. 22, 1867. 1st, A vibrating rod, F, handle, G, and butter work, H, combined and arranged to operate as shown, or in an equivalent manner, for the purpose set forth. 2d, The combination of the tray, B, with the butter working apparatus, arranged for joint operation, substantially as shown and described. 3d, The manner of tipping the tray or bowl to drain off the fluids, also of securing it to the table or frame, for the purpose set forth.

65,003.—STEAM ENGINE.—Horatio C. Perry, and John L. Lay, Buffalo, N. Y. Date: May 21, 1867. Application for reissue received and filed Aug. 19, 1867. The combination and arrangement of the high and low pressure cylinders, A and B, of a vertical compound engine, having a continuous piston rod, with a space or chamber intervening between their proximate leads, substantially as and for the purpose set forth.

The combination and arrangement of the shell or frame constituting the intervening chamber, K, with the two cylinders, A and B, and continuous piston rod, F, its bottom plate forming the cover of the cylinder, B, constructed substantially as and for the purposes herein set forth. We also claim the stuffing box, consisting of the sleeve, h, and packing box, L, in combination with the chamber, K, and piston, F, and cylinders, A B, arranged and operating substantially as and for the purposes set forth.

We further claim the combination and arrangement of the man-hole, J, with the bottom plate of chamber, K, forming the head of the cylinder, B, whereby the adjustable ring, M, and sectional pack rings, r, of the piston, E, may be removed, substantially in the manner and for the purposes herein set forth.

47,647.—WALL BUILDER AND STUMP EXTRACTOR.—George W. Packer, Jr., Mystic River, Ct. Dated Aug. 29, 1865. Application for reissue received and filed Aug. 21, 1867. 1st, I claim the within-described mode of laying masses in a wall or equivalent work, that is to say, partially turning the vehicle so as to bring the mass over the point desired, without moving the wheels across the same substantially as herein specified.

2d, I claim the within-described combination and arrangement of the pyramidal frame, M M', M2, and curved reaches, E E2, with the four wheels and their accessories, substantially as and for the purposes set forth.

3d, I claim the employment of braces, P1 P2, or their equivalents, in combination with the struts, M, etc., and the curved reaches, F, etc., and arranged to be supported on wheels, substantially in the manner described, so that the braces shall aid in maintaining the curvature, or arching condition of the reaches, by connecting each to the struts above, at one or more points, as and for the purpose herein set forth.

4th, I claim the spherical based rocker, C, having the king bolt, D, connected thereto by a loose joint, as represented, in combination with a truss frame, M, etc., and with the wheels, substantially as and for the purposes 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 to MUNN & CO., Solicitors of Patents, 31 Park Row, N. Y.

Inventions Patented in England by Americans. (Condensed from the "Journal of the Commissioners of Patents.")

PROVISIONAL PROTECTION FOR SIX MONTHS.

924.—AIR-ENGINE.—Philander Shaw, Boston, Mass. March 29, 1867. 2,110.—HEATING AND COOKING APPARATUS.—Oscar F. Morrill, Chelsea, Mass. July 13, 1867. 2,137.—BREWING AND APPARATUS EMPLOYED THEREIN.—Wm. S. Haight, Watertown, N. Y. July 23, 1867. 2,140.—NETS AND NETTING.—Benj. Arnold, East Greenwich, R. I., and Wm. J. Hooper, Baltimore, Md. July 23, 1867. 2,145.—SPRING BED BOTTOM.—Sterling Bonsall, Philadelphia, Pa. July 27, 1867. 2,146.—TANNING, AND APPARATUS EMPLOYED THEREIN.—Sterling Bonsall, Philadelphia, Pa. July 27, 1867. 2,155.—RECIPROCATING MOTION.—John B. Page, New York City. July 24, 1867. 2,160.—MOLD BOARD FOR PLOWS.—Leman P. Rier, Munson, O. July 25, 1867. 2,178.—MODE OF CONSTRUCTING AND PROPELLING STEAM VESSELS.—Stephen J. Gold, Cornwall, Conn., and Henry J. Weston, Brooklyn, N. Y. July 27, 1867. 2,179.—WATER AND GAS METER.—Joshua Mason, Paterson, N. J. July 27, 1867. 2,191.—MACHINERY FOR HULLING RICE, ETC.—Simon G. Cheever, Boston, Mass. July 29, 1867. 2,192.—INSULATORS FOR TELEGRAPHIC WIRES.—David Brooks, Philadelphia, Pa. July 29, 1867. 2,214.—MACHINE FOR MANUFACTURING WEAVERS' HARNESSES.—Joseph S. Winsor and Wm. W. Fletcher, Providence, R. I. July 31, 1867. 2,226.—POCKET KNIFE.—L. B. Morris, Hopkinsville, Ky. Aug. 1, 1867. 2,227.—BREECH-LOADING FIRE-ARM.—Theodore Yates, Milwaukee, Wis. Aug. 1, 1867.

EXTENSION NOTICES.

Joseph Goldmark, of Brooklyn, N. Y., having petitioned for the extension of a patent granted to him the 23d day of November, 1853, for an improvement in facing ends of percussion caps, for seven years from the expiration of said patent, which takes place on the 22d day of November, 1867, it is ordered that the said petition be heard at the Patent Office on Monday, the 4th day of November next.

Charles J. Woolson, of Cleveland, Ohio, having petitioned for the extension of a patent granted to him on the 4th day of December, 1860, for an improvement in design for stove plate, for seven years from the expiration of said patent, which takes place on the 4th day of December, 1867, it is ordered that the said petition be heard at the Patent Office on Monday, the 18th day of November next.

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