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34,868.—G. L. Bailey, of Portland, Maine, for Improvement in Buckles:

I claim the described buckle having one or more tongues rigidly fixed to or made a part of the bow of the same, when made and operating in the manner and for the purpose substantially as set forth.

I also claim the use of the described buckle, in combination with the strap, o, and the loop, B, or its equivalent, substantially as and for the purpose set forth.

34,869.—G. L. Bailey, of Portland, Maine, for Improved Ice Creeper:

ICE Creeper:

[claim in a creeper the extended part containing the openings, E in combination with the spur, D, and shoulders, I I, substantially and for the purpose set forth and described.

as and for the purpose set form and described.

34,870.—Timothy Bailey, of Ballston Spa, N. Y., for Improved Washing Machine:

I claim the combination of the self-locking and self-unlockingarms, E, and cranks, G, with the pendants, C, and beaters, D, in the manner and for the purpose shown and described.

[This invention relates to an improvement in that class of clothes-washing machines in which swinging beaters are employed, and consists first in a novel way of operating the heaters, whereby they are sists, first, in a novel way of operating the beaters, whereby they are rendered much more efficient than hitherto, and also rendered capable of being used as wringers, or for the purpose of expressing m from the clothes.]

34,871.-W. D. Bartlett, of Amesbury, Mass., for Improve

34,871.—W. D. Bartlett, of Amesbury, Mass., for Improvement in Cooking Stoves:

I claim, first, The placing of the fire pot, C, and flues, F H, within the oven, D, arranged relatively with each other, as shown, and with the flues, E G I, at the top, bottom and back of the oven, substantially as and for the purpose set forth.

Second, The chamber, J, communicating with the flue, I, and stove pipe, when said chamber is provided with a partition, j, and valve or door, L, arranged as and for the purpose set forth.

[The object of this invention is to obtain a cook stove which will have a greater radiating surface presented to its oven than usual, the perby not only officiating a markel scaring. In the law, the slee inventor

thereby not only effecting a material saving in fuel, but also insuring efficiency and perfection in baking.]

At 872.—Ira Bisbee, of East Pharsalia, N. Y., and Arza Bisbee, of Polk Township, Mo., for Improvement in Hay Press:

We claim operating the follower, G. of said apparatus, by means of the system of three-jointed levers, C D E, and a suitable actuating lever, when the saidlevers are made to act harmoniously with each other by means of the fulcrum pin, a, which projects from the central lever, D, into a guiding slot or groove in a portion of the frame of said apparatus, substantially as set forth.

Apparatus, substantially as set Jorth.

14,873.—J. Brainerd and W. H. Burridge, of Cleveland, Ohio, for Improved Process of Extracting the Strength of Bark for Tanning and other Purposes:

We claim obtaining the extractive properties of bark by the process lescribed.

described.

34,874.—I. N. Brown, of New York City, for an Improvement in Boys' Sleds:

I claim as a new article of manufacture, a boy's sled, A, having a pivoted runner, C, in from, provided with a foot lever or tiller, d, and guiding cord, e, as and for the purposes shown and described.

This invention consists in the arrangement of a pivoted runner, in front and right, in the middle, between the ordinary runners of a boy's sled, in combination with a foot lever or tiller, and guiding cord, in such a manner that said runner can be turned in either direc , by hand or foot, and that the sled can be guided without to ing the ground.]

34,875.—Robert Bryson, of Schenectady, N.Y., for Improvement in Rakes for Harvesters:

I claim, first, The combination of the vertical shaft, E, angula guide bar, I, rake head, I, slotted arm, F, connecting rod, H, vibrating lever, G, and crank, B, in the manner and for the purpose described.

Second, The combination of the many-sided block, K, rake head, J spring stop, L, incline lugs, N M', weighted lever hook, M, and weighted tripping hook levers, O O, the whole constructed, arranged and operating in the manner described.

and operating in the manner described.

34,876.—Tisdale Carpen er, of Providence, R. I., for Improved Method of Oiling Slides of Steam Engines:
I claim, first, Thecombination of the oil reservoir at the bottom or either end of the silde and the hollow gib or shoe, substantially as and for the purpose specified.

Second, Furnishing the oil reservoir with a cap piece or shield, do rits equivalent, formed to direct the oil to the induction opening, b, of the hollow gib or shoe, substantially as specified.

34,877.—Tisdale Carpenter, of Providence, R. 1., for Improvement in Governor Connections for Steam Engines:
I claim combining the governor rod, F, or its equivalent, with the toothed sector, E, for operating the sliding rod or shifting portion, D, of the rocking lever of the valve gar by means of a pin, I, attached to the said rod, F, or equivalent, a slot or slots, c c, in the sector and stationary grooves or guides, d d, the whole applied and operating substantially as set forth.

34,878.—Tisdale Carpenter, of Providence, R. I., for Improvement in Piston Packing:
I claim the arrangement and combination of the circular expanding spring, C, adjusting screw, E, and nut, h, applied in connection with the packing ring and piston head to operate substantially as and for the Purposes specified.

[This invention consists in a novel combination and arrangement of a circular screw and nut and circular-expanding spring, in connection with the packing ring or rings, and head of the piston of a steam-en gine pump or other apparatus.]

34,879.—W. H. Chaffee, of Flint, Michigan, for Improve ment in Instruments for Measuring Dis ances:
I claim the combination of the two telescopes, B. C., the angular reflecting tube, E, the index, c, and the scale or scales, de, the whole combined to operate substantially as and for the purpose specified.
[The object of this invention is to measure distances without going

over them. It consists of two telescopes, an angular-reflecting tube

an index and a scale, combined and operating in a peculiar manner.]

34.880.-P. D. Cummings, of Portland, Maine, for a Ker-

34,880.—P. D. Cummings, of Portland, Maine, for a Kerosene Oil Burner:

I claim, first, So constructing a lamp for burning kerosene oil that its cone may be removed from over the top of the wick to a position at the side of the lamp, and thereafter be automatically returned to its position over the wick, substantially in the manner set forth.

Second, I claim the sheath, C, in combination with the rod, f, substantially in the manner and for the purpose specified.

Third, I claim removing the cone from its seat upon the lamp, first by a vertical movement and then by a lateral movement of the cone, for the purpose specified.

34,881.—J. C. Davis (assignor to Edward Hall), of County of Alameda, Cal., for Improved Arastras:

I claim in the construction of arastras the combination of a circumferential metallic band, c, and metallic radial gutters, G, with wires, DP, and galvanic battery, as set forth.

2 r., and gaivanic dattery, as set forth.

34,882.—Simeon C. Davis, of Medina, N. Y., for Improved Method of Grazing Sheep and other Animals:

I claim the employment of movable racks or frames, provided with apertures or spaces in their sides, in such a manner asto allow the animals to reach, without escaping through them, and thereby always to feed upon untrodden grass outside of the racks, substantially as and for the purposes specified.

34,883.—W. H. Doane, of Chicago, Ill., for Improvement

34,883.—W. H. Doane, of Unicago, III., for improvement in Sawing Machines:

I claim the combination of the reciprocating saw, R. S., arm, W., lever, X., pa wi, Y., gearing, Z. A' B' J. I, feed rollers, F. L., arms, M. N., spring, P., and gearing, G. H. H', all constructed, arrangedand operating in the manner and for the purposes shown and explained.

(This invention has for its object the adapting of a certain ar ange-

ent of feed rollers, which was patented by W. H. Doane and C. Mason, July 27, 1858, to a reciprocating saw, whereby the machine above alluded to may be adapted to certain kinds of work which could not be well performed by the circular saw used in the aforesaid machine.]

well performed by the circular saw used in the aforesaid machine.]

34,884.—William Fulton, of Elizabeth City, N. J., for Improved Fastener for Lamp Chimneys:

I claim the curved clasp or arms, C, as shown in Fig. 1 and Fig. 4, when attached to and formed of a belt or pin, as shown at B, in Fig. 1 and Fig. 4, and made adjustable, in relation to the chimney, through the instrumentality of a spring, screw, or lever, substantially in the manner and for the purpose set forth.

34,885.—K. H. Elliott, of Eden, Vt., for Improved Clothes Wringing Machine:

I claim, first. The combination of the serew rods, E E, springs, J J, loose collars, H' H', and nuts, D D, arranged in relation with the bearings, I, at of the roller, shafts, B B, to operate as and for the

purpose, set forth.

Second, The pendant fixed bars, F. in combination with the swivel bars, G. with cams, H. at their lower ends, the above bars being at tached to the arms, C C, of the machine, and arranged substantially as and for the purpose specified.

(This invention relates to an improved clothes-washing and wringng machine, of that class in which india-rubber pressure rollers are ployed, and has for its object a greaterfacility than hitherto in at taching the machine to the tub, and also a more convenient and perfect mode of graduating the pressure of the rollers, so that clothes of va-rious kinds and thicknesses may all be operated upon in a proper manner, and by the same machine.)

manner, and by the same machine.]

34,886.—R. W. George, of Richmond, Maine, for Improved Washing Machine:

I claim, first, The employment or use in connection with the dasher, C, of a door, E. so arranged as to serve as a clamb to secure the cleansed portion of the clothes in the dasher and admit of the uncleansed bart to project therefrom for the purpose of subjecting them to an additional rubbing operation, substantially as set forth.

Second, The peculiar construction of the reversible door, E, as shown and described, to wit, having one side of convex form corresponding to the curvature of the dasher and the other side of flat form, and composed of two longitudinal parts, F G, with a slide, H, between them for the purpose set forth of the concave, B, as shown, when used in connection with the door, E, and dasher, C, for the purpose specified.

[This invention relates to an improvement on a clathes-washing ma.

This invention relates to an improvement on a clothes washing ma ne, for which Letters Patent were granted on this inventi ing date April 2, 1861. The object of the invention is to obtain a sim ble means for effectually cleansing or washing the portions of clothes which require to be operated upon much longer than other parts of the same piece, as for instance the collars and wristbands of shirts.

34,887.—Firman Goodwin, of Astoria, N. Y., for Improvements in Fish Traps:

I claim the combination of vertically-adjusted seines, B, outer slatted-anchor box, A, inner adjustable slatted fish receptacle, C, and taper decoy seines, D D, substantially as and for the purpose set forth.

per decoy seines, D. D., substantially as and for the purpose set forth. 34,888.—Richard Hoskin, of Dutch Flat, Cal., for Improvement in Hose Coupling:

I claim a hose coupling consisting of the metal band or clasp, C, loop, c, and key, d, when arranged and operating in the manner described.

(This invention consists in a simple and efficient device for coupling ort sections of a hose together.]

Augustus Jenny, of New York City, for Improved

34,889.—Augustus Jenny, or New York Copy, Combining Machine:
I claim, first, The arrangement of the rotary reciprocating pounder, G, in combination with the adjustable spring washboards, D E, cleats, dd, and line, f, constructed and operating substantially in the manner and for the purpose shown and described.

Second, The holder, H, in combination with the revolving catch, n, spring, m, and pounder, G, substantially as specified.

Third, The arrangement of the arm or wringer, r, in combination with the crank, g, and pounder, G, as and for the purpose set forth.

tary pounder, to the lower hinged end of which the clothes are attached by a holder of peculiar construction, and to which motion is mparted by a crank, the front end of which serves as a wringer and also to secure the hinged part of the pounder, when turned up to change the clothes, in combination with two adjustable spring wash-boards, in such a manner that by the combined action of the pounder and washboards the clothes attached to and moved through the water with the former, are washed in an expeditious manner, and withou njury to even the finest fabric; the clothes holder, as well as the vashboards, being adapted to large and small pieces, of a coarse or of a fine texture.]

34,890.—Henry Knight, of Jersey City, N. J., for Improvement in Molds for Cement Pipes:

I claim, first, The combination with a vertical flask, of the lower sliding collar, F, and a central core, substantially as and for the purpose set forth.

Second, The combination of the tubular core, tubular detachable collar, C, and a vertical flask in the manner and for the purpose described.

scribed.

34,891.—William Levin, of St. Louis, Mo., for Improvement in Apparatus for Economising Fuel:

I claim the peculiarly arranged combination of air chamber, B, the fre chamber, A, the fue, C, the peculiar form of the grate or fuel basket, b b b, when used in connection with the holes, c c c c c, at e and at g, constructed in the exact manner described, and when arranged and operated in the peculiar manner and for the object specified.

ned.
34,892.—M. K. Lewis, of Iowa City, Iowa, for Improvement in Carriage Brakes:
I c aim making the brake blocks which acton the arriage wheels to turn or rotate on the brake bar and wind chains which are fastened to the brake blocks, and to some part of the carriage so as to wind the

nains around the hub of the brake block and draw the brake blocks sainst the wheels, as described.
And in combination with the above-claimed devices, I claim conciting the breech bar to the pole, substantially as described so as to erate or apply and release the brake by the team.

34,993.—Josiah Long, of Leavenworth, Ind., for Improved Cutter Attachment to Plows: I claim the cutter, constructed as described, attached to the plow, as and for the purposes set forth.

as and for the purposes set form.

34,894.—J. D. Lynde, of Philadelphia, Pa., for Improved
Bottle for Acrated Liquids:
I claim the valve, as described, and its combination with the rubber
spring, L, the hollow valvestem, H, the tube, B, and the hollow mouth
plece, A, constructed substantially as described and forthe purposes
set forth.

et forth.

48,895.—G. A. Meacham, of New York City, for Improvement in Button Fasteners:

I claim the attachment of the flexible material, D, to the rigid portion of the eye by holding it compressed across the edge of a part, M, or its equivalent, substantially in the manner set forth.

or its equivalent, substantially in the manner set forth.

34,896.—David Maydole, of Norwich, N. Y., for Improvement in Skate Fastening:
I claim securing the heel strap, or counter, K, to the back part of the skate, by means of the two plates, II J, placed one over the other, and connected together by a screw or screws, with the lower end of the strap, or counter, placed between the plates, as set forth.

Second, The two plates, H J, the former being provided with a flanch, f, in combination with a screw, a*, on the upper part of the post, B', and the nut, I, placed on the screw, and litting in the hole, g, of plate, J, all being arranged as shown, to admit of the heel strap or counter being attached to the skate, and the plates, H J, to the post, B', thereof, as set forth.

(This invention relates to a new and improved mode of attaching the back part of the skate to the heel of the boot or shoe, and consists in having a hook at the backpart of a heel place attached to the skate, and a plate provided with two parallel slots attached to the heel of the boot or shoe, the parts being so arranged that the hook on the skate may be passed through the slots in the plate, which is

attached to the heel of the boot or shoe, and a perfect lock obtained.]

34,897.—G. A. Meacham, of New York City, for Improvement in Buttons:

I claim, first, A stud or fastening, D d, so constructed as to be capable of being securely attached to the garnent, independently of the button, and admit of the button being subseq vently attached thereto, in combination with a button head, and having a solid or continuous face, and adapted t be so attached in such manner that it may swivel around freely thereon, substantially as and for the purpose set forth.

Second, I claim a button, having the key or locking piece, C, rotating or otherwise movoble within it, and so a ranged relatively to the opening, M m, in the back of the button, and to the head, d, of the stud, D, that after the latter has been fixed to the garment the button may be securely fastened thereto, with liberty to move thereon, substantially as set forth.

34,898.—Daniel Marrill

34,898.—Daniel Merrill, of Worcester, Mass., for Improvement in Ventilators for Railroad Cars:

34,898.—Daniel Merrill, of Worcester, Mass., for Improvement in Ventilators for Railroad Cars:

I claim, first, The specified combination and arrangement of devices, by which the car is supplied with currents of pure air, the same consisting of the tube or duct, K. provided with screens, M.M. and valves, L.L', as set forth, the induction pipe, I, the sir chamber, D, furnished with dust separators and coolers, as described, the eduction flue, I', and the distribution pipe, Q, having valves applied to it, as specified, the whole operating together, substantially as set forth.

Second, I also claim the described and peculiar arrangement or application of the screens, M.M. to the air-supply box, K. whereby the same not only separate the cinders, &c., from the sir, but are rendered self-cleaning, as set forth.

Third, I also claim the construction and arrangement of devices, by which the supply of air to the air chamber, D, is regulated, the same consisting of the weighted valves, o4 o4, and operating in the manner, as set, orth.

Fourth, I also claim the combination and arrangement of the two water boxes, C.E. and disseminator, F, with the air purifier and cooler, the whole beingdisposed within the air chamber, D, and so as to operate, as set forth.

Fifth, I also claim the described arrangement of the distribution chamber, Q, pravided with valves, as set forth, whereby the purified air is equally distributed throughout the car, the same being substantially as specified.

Sixth, I also claim the arrangement of the registers, for the escape of foul air, viz., in the passage way between the seats, so that such air may pass through a pipe directly under the car into the atmosphere, or under the upper floor and warm the same, prior to escaping out of the discharge passage, the same being substantially as set forth.

34,899.—A. H. Newton, of Worcester, Mass., for Improved

34,899 .- A. H. Newton, of Worcester, Mass., for Improved

Cruet or Decanter:

I claim, as an improved article of manufacture, a cruet or ot portable vessel, for holding liquids, provided with a ball, valve or st pper, C, when said valve or stopper is used with a gua d or guide, which is formed of the same material as the cruet, and combin therewith in one piece, substantially as set forth.

[This invention consists in having the cruet, decanter, or other vessel to which the invention is applied provided with a ball valve or spherical stopper, and also provided with a stopper guard or guide, which is permanently attached to and combined with the vessel. invention is applicable to vessels constructed of glass, porcelain, or earthen ware, and is designed to supersede the removable spherical stoppers hitherto used.

stoppers hitherto used.

34,900.—Orrin Newton, of Pittsburgh, Pa., for Improved Holder for Lamp Chimneys:

I claim the use of a chimney holder, consisting of a circular piece of metal or other suitable materal, separate and detached from the burner frame, and surrounding the base of the chimney, and having projecting arms or handles, constructed and operating, substantially as described, for the double purpose of holding the chimney in place in the burner frame, and removing it therefrom, without the necessity of handling the chimney in so doing.

or handling the chimney in so doing.

34,901.—R. B. Norman, of Sacramento, Cal., for Improved Furnace for Roasting Ores:

I claim so constructing a desulphurizing furnace, for roasting the ores of precious metals, as that the heat shall be applied first beneath the sole of the furnace, and afterward on the surface of the ore, when the same is combined with a chamber, arranged in the base of the chimney, for the reception of such volatilized particles of ore, &c. as may be driven off by heat, or carried over by the draught, substantially as described.

34,902.—W. R. Pomeroy, of Millersburg, Ohio, for Improvement in Corn Planters:
I claim the recess, g. bar, f. pivot, j. and spring, h. in combination with the wheel, E., and rebate, C., when arranged and operating in the manner and for the purpose described.

(This invention is designed for planting corn in hills, and consists in an arrangement of parts, by which the implement is made to open the ground, drop the corn and cover it at one operation, the coverers being attached to the implement in such a manner as to adapt them to follow the inequalities of the ground, and thereby cover all the corn of

34,903.—Pinckney Frost, of Springfield, Vt., for Improvement in Scythe Snaths:

ment in Scythte Shadhs:

I claim the arrangement of the slotted, adjustable wedge, G, screw, D, and movable plate, E, having perforations of the peculiar form shown, with the socket, B, tange, H, bolt, F, and butt, A, as shown and described.

[The object of this invention is to attach a scythe to a snath in such a manner that it will be capable of being adjusted in various positions, to suit the operator, and as circumstances may require, such, for instance, as having its end secured more or less inward toward the outer end of the snath, and also more or less upward in a vertical direction, as well as having itsedgeits entire length, adjusted more or less upward, so that it will be more or less inclined in its transverse the parts being so arranged that the scythe will be firmly secured to the snath, when adjusted in any of the above-mentioped points.

34,904.—Timothy Raymond, of Franklinville, N. Y., for Improvement in Lamps:
I claim the arrangement of the wick tube, C, with the movable side, a, spring, c, and screw, d, with the wicks, E and F, connected and used, as represented, whereby the wick, E, is regulated and supplied with oil, substantially as set forth.

with oil, substantially as set forth.

34,905.—Caleb Sanborn, of South Berwick, Maine, for Improved Medicine for Croup:
I claim the compounding and mixing the forenamed ingredients, in the manner and relative proportion, as set forth.

34,906.—I. M. Singer, of New York City, for Improvement in Sewing Machines. Patented in England May 9, 1861.

in Sewing Machines. Patented in Engianu may, 1861.

I claim the combination of the feed bar of a sewing machine, with a cam for causing the feeding surface to reciprocate in one direction, and with inclined blocks, that will cause it to reciprocate in a direction crosswise to the first, the combination being such that the feeding surface can be caused to move either longitudinally or transversely to the support of the material, according to the guide which is employed to regulate the direction of the feed, substantially as specified.

I also claim the combination of the feed bar of a sewing machine, with mechanism for raising it and lowering it, that is, constructed in parts, which are adjustable, so as to vary the distance to which the feeding surface is protruded above the support of the work, substantially as specified.

I also claim the combination of the same feed bar, with mechanism for moving it either longitudinally or transversely to the support of the material, and also with adjustable mechanism for varying the protrusion of its feeding surface, substantially as set forth.

34.907.—J. S. Smith, Jr., of New York City, for Improve-

trusion of its feeding surface, substantially as set forth.

34,907.—J. S. Smith, Jr., of New York City, for Improvement in Imitation Metal Embroidery:
I claim thei mitation embroidery, composed of the collapsed multispiral, A B, constructed substantially as specified.

34,908.—Oliver Snow, of West Meriden, Conn., for Improved Spring for Lamp Chimneys:
I claim the use of a colled wire spring, in combination with the upper part of the lamp top, to see ure the chimney in its place, when they are constructed, attached and fitted to produce the effect, substantially as described.

described.

34,909.—G. L. Squire, of Buffalo, N. Y., for Improvement in Harvester Rakes:
I claim, first, The employment or use of the crank, F, or itsequivalent, counceting rod, G, and bearing, I, arranged substantially as shown, and used in connection with the post or swirel head, C, for operating the rake, B, as set forth.

Second, The arrangement of the adjustable bearing, I, of the connecting rod, G, and the adjustable plate, H, which connects the front end of the rod, G, with the rake head, a, in combination with the adjustable pin, I, which connects the back or outer end of the connecting rod with the crank, F, substantially as described, whereby the movement of the rake, B, may be modified or varied, as set forth.

[The object of this invention is to obtain an automatic raking device

[The object of this invention is to obtain an automatic raking device for harvesters, which will be extremely simple, efficient, economical to construct, and capable of being applied to the harvesters in common use, as well as capable of being adapted for working in various kinds of grain.]

34,910.—Henry Steinway, Jr., of New York City, for Improvement in Pianoforte Actions:

I claim, first, The arrangement of the levers, D. E., post, G., spring h, and screw, k, relatively to the key, the jack and the hammer, substantially as set forth.

Second. The arrangement of the regulating screw, m. and fixed rail, n, in combination (with each other, and the lever, E, substantially as set forth.

-J. L. Swan, of Lowville, N. Y., for Improvemen

34,911.—J. L. Swan, of Lowville, N. Y., for Improvement in Firearms:

1 claim the breech, h, and barrel, b, fitted as specified, in combination with the socket, a, recelving the parts, as set forth, when the exposion is effected by a piercing hammer, 5, entering the detonating cap in the conical hole, 6, of said breech, h, substantially as set forth.

34,912.—Almon Swift, of Wolcott, Vt., for Improvement in Corn Shellers:

I claim the combination of the peculiarly constructed cylinder, G, having not only a series of flutes, if, but a surface between each two of them, with the inclined receiver, F, the rasping cylinder, B, and its concave, D, constructed and operating as and for the purpose specified

34,913.—George Teed, of New York City, for Improve

oz, ois.—George Teed, of New York City, for Improvement in Banjos:
I claim the sound board, C, interposed and forming a means of connection between the parchment head, B, and the rim, A, substantially as and for the purpose specified.

And I also claim the ring, D, having an annular cavity, a, receiving within it, the ring, b, and hooks, c c, and forming a means of connection between the head, B, and sound board, C, substantially as described.

(This invention consists in the arrangement of a sound board beeen the parchment head and the rim of the banjo, the object being to give a more powerful and finer tone to the instrument,]

34,914.—S. H. Timmons, of Memphis, Tenn., for Improvement in Locomotive Lamps:
claim adjusting the distance between the lens, g, and the reflector, C, so as to converge or diffuse the light, as may be desired, by means of the rod, o, or its equivalent, extending from the lamp to the caboose of the engine, within the immediate control of the engineer, substantially as described.

tially as described.

34,915.—Elmer Townsend, of Boston, Mass., for Improvement in Sewing Machines:

I claim the combination of the postal carriage, and its operative mechanism, not only with an apparatus, sobetantially as described, for feeding and sewing an article to be sewed, but with a postal work supporter, arranged relatively to the main frame of the sewing machine, as represented.

I also claim the combination and arrangement of a removable bearing plate, N, with the postal work supporter, B, and the postal carriage, A, when applied to sewing mechanism of the kind, and to operate in manner substantially as described.

-Thomas Warker, of New York City, for Improve-

34,916...-Thomas Warker, of New York City, for Improvement in Apparatus for Aerating Liquids:

I claim, first, The arrangement of two faucets, DE, one to communicate with the gas space and the other with the water space of the receiver, B, as and for the purpose described.

Second, The arrangement of the vertical tube, c, in combination with the connecting collar, C, and gas faucet, D, substantially as and for the purpose st forth.

Third, The combination and arrangement of the generator, A, receiver, B, collar, C, ball valve, a, tube, c, faucets, DE, and safety valve, F, all constructed and operating, substantially in the manner and for the purpose shown and described.

34,917.—Linn Van Order, of Ithaca, N. Y., for Improvement in Mica Lamp Chimneys:

I claim so constructing the frame work of the chimney as to inclose the edges of the mica on all sides, and making one end adjustable, so as to allow the ready and easy removal of the mica, for the purpose of cleaning the same, or renewing it when worn out, solled or otherwise injured.

injured.

34,918.—A. B. Travis, of Brandon, Mich., for Improvement in Seed Drills and Cultivators:

I claim the frame, F, having the standards, f, and teeth, g, attached, connected to the draught pole, G, by the universal hinge or joint, e, resting on the adjustable bolster, D, and operated through the medium of the rock shaft, I, lever, H, and slotted bar, G, all arranged as and for the purpose set forth.

(The object of this invention is to obtain a cultivator and seed drill. In order to conform to any irregularities in the rows of a crop under cultivation, and also to cvade obstructions, such as stones, stumps, &c., which may lay in the path of the teeth. The invention has further for its object a simple means for regulating the depth of the penetration of the teeth in the soil, and the adjusting of the teeth, so that

they may operate nearer to or farther from the rows of plants, as cirmay require.]

cumstances may require.]

34,919.—C. R. Aisop, of Middletown, Conn., assignor to J. W. Alsop, of New York City, for Improvement in Percussion Cap Primer:

I claim in the construction of a portable hand primer, first, The extension, F, in combination with a circular percussion cap primer and spring plunger, the whole constructed and operating substantially in the manner and for the purposes described.

Second, The tubular extension, F, made with a right-angled discharge passage, and with an annular partition, i. applied for the purpose and in the manner described, to a circular percussion cap primer.

Third, A circular percussion cap primer of the character described, so constructed that it holds a cap in suspension out of the circle of the top of the case, A, and by the pressure of the thumb upon one of its parts forces the said cap vertically upon the nipple of a firearm, substantially as described.

34,920.—D. B. Clement, of Milton, Mass., assignor to C. B. Boyce & Co., of Boston, Mass., for Improved Clothes Wringer:

I claim applying the power of a single spring, H, to both ends of the oll, E, through the levers, G, substantially as described.

34,921.—E. E. Conrad (assignor to Henry Coulter), of Philadelphia, Pa., for Improvement in Holders for

Financipina, 12., 22. Lamp Shades:
I claim, first, The clamps, a a a, for the purpose of holding the sade as and for the purpose set forth and described.
Second, clamps, a a a a, in combination with the double braces, b b, and the wire rim, C, in the manner and for the purpose specified.

34,922.—Charles Draeger (assignor to himself and John Ott), of Indianapolis, Ind., for Improvement in Repeating Firearms:

I claim, first, The arrangement of a cartridge magazine, B, revolving on a longtudinal axis, as shown;

Second, A plunger, p, and need le, n, constructed as set forth, and combined in their operation with a revolving magazine, as stated substantially; and

combined in their operation with a constantially; and
Third, The helical spring, S, when used as shown, for the purpose
of rotating the cartridge magazine, B.

pating the carriage magazine, B.

123.—J. C. Holston, of Derry, N. H., assignor to S. M.

Davis, of Lawrence, Mass., for Improvement in Coffee Roasters :

Roasters:
I claim the combination of the hinged door, B, the wire, C, passing through the hollow tube, E, used to open and close the door, B, and the catch, F, with a corn popper or coffee roaster, when constructed substantially as described, and for the purposes set forth.

34,924.—Philander Rouse, of Macedon, N. Y., assignor to himself and W. S. Higgins, of North Bridgewater, Mass., for Improved Top-Sail Rig:

Iclaim the third or intermediate yard, the lower yard, the topsail, yard, and the single topsail, as arranged and applied together, substantially in manner and so as to operate as specified.

I also claim the arrangement and combin atton of the elevating screw, I, or its mechanical equivalent, with the mast or its cap, the three yards, and the auxiliary yard supporter or brace, H, the whole being to operate substantially as specified.

to operate substantially asspectued.

34,925.—H. B. Thomas (assignor to J. W. English), of Racine, Wis., for Improvement in Dampers:

I claim the valve composed of the ring and another plate, A, and the two disks, C. C, and spindle or journals, a., the whole arranged and applied in combination with each other, substantially as specified.

26.—Rosewell Thompson, of Boston, Mass., assignor to himself and J. C. Wilder, of Boston, Mass., and Z. W. Holden, Jr., of Bristol, Mass., for Improvement in Sewing Machines:

Dewling Machines:

I claim the guard, k, upon the hook, E, in combination with the driving pins, d, substantially as described and for the objects specified.

Second, Constructing the bobbin case, g, with a start, h, upon its outer end, substantially as described, for the purpose of confining said case so as to revolve with the hook, and also to act as a cast off for the thread when the point of the hook has entered the loop formed by the needle.

J. W. Wilcox, of New York City, assignor to E. 4,927.—J. W. Wilcox, of New York City, assignor to E. H. Ensign, of Orange, E. C. Bridgeman, of Clifton, and T. C. Fanning, of Brooklyn, N. Y., for Improvement in Envelops:

First, I claim the combination of a tape or string with an envelope to attached as to allow of being shipped around to move the knot, as described, but not to admit of removal when tied with the effect, substantially as set forth.

Second, I also claim an envelope constructed in the box form, or with a rectangular transverse action, and strengthened by cyclets, ef, their equivalents, as described and abown.

Third, I also claim, in envelopes of the box form, the use of the suplementary flaps, cd, at the ends, substantially as and for the purpose pecified.

specified.
34,928.—Isaac Winslow, of Philadelphia, Pa., assignor to J. W. Jones, Portland, Me., for improved Indian Corn Preserved Green:
I claim the described new article of manufacture, namely, Indian corn when preserved in the green state without drying the same, the Fernels being removed from the cob, hermetically scaled and heated, substantially in the manner and for the purposes set forth.

34,929.—Smith Groom (assignor to himself, Jacob Shaver and Lewis Potter), of Troy, N. Y., for Improvement in Stoves:

in Stoves:
I claim the combination of the annular steam chamber, Q, with the fire chamber, R, and the outside wall, E, substantially as and for the purpose described and set forth.
I also claim the combination of the annular chamber, Q, andthe annular steam pipe, N, with the boiler, B, by means of the pipes, D, Q, substantially as and for the purpose described and set forth.

34.930.—T. S. Lambert, of Peekskill, N. Y., for Improve-

34,930.—T. S. Lambert, of Peekskill, N. Y., for Improvement in Cooking Stoves:

I claim, first, The application of one or more division plates, extending along the flue under the oven from one side of its bottom to its central diagonal line, in all those cases in which the draught passes under the oven bottom at one side and leaves it from another at right angles to the former, substantially asset forth.

Second, The termination of the inner extremities of those division plates at the central diagonal line, by parabolic curves, substantially asset forth.

Third, The continuation of those plates after they have curved, if they are continued along the flue under the oven till they reach the flue at the back of the oven, substantially as set forth.

Fourth, The attachment of division plates to the movable section of the bottom of the oven in such a manner that when the section is raised the division plates are removed and the flue easily cleaned, substantially as as set forth.

Fifth, The construction of a flue across the entire back of the oven and leading to the pipe colar after the products of combustion have traversed four sides of the oven, substantially as set forth.

Sixth, The application of division plates in the back flues with graduated lengths to assist in equalizing the distances from different parts of the fire how to the three bouts on the back forth.

Sixth, The application of division piates in the back flues with graduated lengths to assist in equalizing the distances from different parts of the fire box to the pipe collar, in the direction of the draft, substantially as set forth.

Seventh, The application of the independent slides, C.C., or of one of them with its back holes twice as far apart as its front ones, so as to control the draft in the front and back part of the fire box independently of each other, or together, as may be desirable, substantially as set forth

ently of each other, or together, as may be used acceptance, set forth.

Eighth, The application of the division plate in the ash pit, for the purpose of supplying air to the back part of the fire box, substantially as set forth.

Ninth, The application of a wide-margined grate rest, with perforations and a scolloped edge, or either of these devices in combination with a movable fire plate at the side of the fire box, substantially as set forth.

set forth.

Tenth, The construction of the slide of the oven above the graterest, a beautially as set forth.

Eleventh, The construction of the damper rod with one or more joints, substantially as set forth.

Twelfth, The construction of holes in the margin of the sides and sack of the bottom, in combination with the dampers leading into and out of the oven for the purpose of using the range as a heater when "jacketed," substantially as set forth.

Thirteenth, The combination of the slides or slide, C, or the division late, D, with the perforated or scolloped grate rest, the par tial and novable grate cover and the movable fire plate, substantially as set

forth. Fourteenth, The combination of the draft dampers or damper, the sampers over the oven, and the division down the flue at the side of the oven, under its bottom and up its back, substantially as set forth. Fifteenth, The combination of the dampers leading into the ash uttor either of them, and those leading into and out of the oven with the holes in the sides of the margin of the bottom, substantially as set forth.

or either of them, and those leading into and out of the even with the holes in the sides of the margin of the bottom, substantially as set forth.

Sixteenth, The combination of each and all the three classes of improvements and particulars mentioned in the immediately previous three claims in one stove, substantially as set forth.

34,931.—T. A. Timmins and A. F. W. Edwards, of Philadelphia, Pa., for Improvement in Hammock Tents:

We claim, in combination with a circular tent having vertical walls, as eries of hammocks, E, arranged radially within the tent and connected to the pole of the same, the series of guy ropes, G, and standards, D, when the latter, together with the canvas cover, and aided ythe guy ropes, serve to form the vertical wall, and when the several parts are connected tegether and arranged as and for purpose set forth.

forth.

34,932.—C. W. Williams, of Boston, Mass., for Improvement in Sewing Machines:

I claim, first, The combination of a feeding instrument, having a reciprocating movement in a horizontal plane only, with two independent presers so arranged that one shall press the cloth so as to attach it to the feeding instrument, and the other shall hold the cloth upon the table, said pressers operating alternately, substantially in the manner described.

described.

econd, Connecting the two pressers with each other and with the adde arm, by a lever, or its equivalent, arranged and operating subnitially as described.

1,298.—A. G. Bevin, of Chatham, Conn., for Improved Mode of Attaching Sleigh Bells to Straps. Patented July 22, 1856:

I claim securing steich bells to straps by means of staples, rivets.

July 22, 1856:

I claim securing sleigh bells to straps by means of staples, rivets, bolts, or their equivalent, passing through the straps and bells, substantially as described.

[The nature of this invention will be fully understood by the clai It is a great improvement on the old mode of attaching bells to the

straps.

1,299.—J. C. Birdsell, of West Henrietta, N. Y., for Improvement in Machinery for Hulling and Thrashing Clover. Patented May, 18, 1858:

I claim the arranging and combining in one machine the cylinder which thrashes the balls and seed from the straw or stalks, and the cylinder which hulis the seed, so that the balls and seed thrashed may be hulled before it (the seed) passes out of the machine.

And in combination with the thrashing and hulling cylinders above claimed, I claim the bolting or screening and conveying apparatus, which separates the bells and seed from the straw or stalks and delivers them to the hulling cylinder.

And in combination with the thrashing and hulling cylinders, I claim the screening and fanning apparatus which separates the hulls or balls and cleans the seed, after it leaves the hulling cylinder.

1,300.—Henry Eddy, of North Bridgewater, Mass., for Improvements in Cribs for Horses. Patented Jan. 6, 1857:

1, a minimum of the service of the service of the crib, E.F., substantially as specified and for the purposes set forth.

Second, I claim the space, g.h.k. partially indicated by the space.

set forth.

Second, I claim the space, g h k, partially inclosed by inclined planes, H A, with the opening, I, substantially as specified.

Third, I claim the ventilator, o, in combination with the planes, H H, substantially as described.

Fourth, I claim the cap, K, when applied to the crib, D, substantially as described and for the purpose set forth.

DESIGNS.

1,562.—George Crompton, of Worcester, Mass., Design for Top Rail of Weavers' Looms.

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