3d, The supplemental tube, F2, as and for the purposes substantially as de-scribed. The tapering movable gas holder, A, as and for the purposes substan de cribed.

206

75,470.---APPARATUS FOR DISTILLING SPIRITUOUS LIQUIDS.

75.470.—APPARATUS FOR DISTILLING BEINFORDS Income The second with the second second

4 th, The combination of the low-wine reservoir, and the condenser, or their substantial equivalents.
5 th, The condenser having its bottom sunk and its top raised, in the manner and for the purpose substantially as described.
6 th, The condenser having a collar, d, essentially as described.
8 th, The combination of the supply pipe, s, and cock, S, and draw-off cock, **x**, or their equivalents, with a condensed substantially as described.
75,471.—HOLDER FOR RAZOR STROP.—Geo. Scott, Steubenville, Obio.

(3),411.—HOLDER FOR RAZOR STROP.—Geo. SCOU, Steuben-ville,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. Show Lebaron N H

75,473.-COMPOSITION CEMENT FOR PAVEMENT, ETC.-A. and Bhaw, Lebanon, N. H.
Iclaim 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. T.
We claim an improved hop-vine frame formed in squares of four stakes, a statistic together at top by the cross ties, b. h. in combination with the bent poles, c. e. arranged as and for the purposes herein described.
75,475.-RAILROAD CUALR.-W. S. Shotwell, Paterson, N. J. I claim in chairs for railroad rails, holding the rails by sheet metal present-

Shalt, B, provided with a large of mancel const, a, substantiary as a start of the purpose specified. 20, The arrangement of the bars, II H, with the cross ties, K K, the wheels, D and the axies, B B, whereby I am enabled to have a double number of bearings, and to have said brarings at any desirable point between the wheels A, or outside of them it necessary, as is herein fully set forth. 75,477. --BRIDGE.--F. H. Smith, Baltimore, Md.

A, or outside of them in heccessary, as is herein fully sectoria.
75,477...-BRIDGE.—F. H. Smith, Baltimore, Md.
I claim, ist, A bottom chord, formed of clusters of rods connected, as decorpoed, in the panchs and connected to each other through the brace blocks, by a single rod, substantially as and for the purpose specified.
2d, The combination ot the clusters of rods, D, nut plates, E, single rods, G, angie blocks, B, and nuts, H, with each other, with the horizontal cross rods M, by which the various line of clusters of rods. D, nut plates, E, single rods, G, angie blocks, B, and nuts, H, with each other, with the horizontal cross rods M, by which the various line 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 dedescribed and for the purpose set forth.
75,473.—CLOTHESFIN OR CLASP.—H. C. Smith, Dublin, Ind.
I claim the within-described clothes class, made ot india-rubber, and having the aperture, s, side division, b, and projections, c, substantially as and ior the purpose. Incommission with the work city.
I claim, lst, The round wick tube, A, provided with a flange, K, on its outside, and a passage, B, in combination with the worm pipe, D, constructing the wick tube, A, with a slot, B, made in the manner and for the purpose substantially as herein shown.
3d, Providing the wick tube, A, with a slot, B, made in the manner and for the construction and arrangement of the top dege of the spiral tube, D, being below the edge of the tube, A, for the purpose of preventing the fame to reach the tube, A, for the purpose of preventing the fame to reach the tube, P, and heating the burner, substantially as herein shown.

shown. 5tb, The tube, F, tightly jointed, and uniting with the wick tube, A, sub-stantially as and for the purpose herein described.

y as and for the purpose nervin described. —FLY ThAP.—Albert Snyder, Jackson, Mich. the combination of the dome, A, and platform, C, with i D, and rim, B, as and for the purpose set forth. 75.480. with the holes.

. D. and rim. B 75,481.—Horse Hay Fork.—Harvey B. Steele, West Win-

sted, 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 speci

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

13,455.—LAMP DORACL.—O. St. Sound, Charleson, and S. I claim, in combination with the wick tube applied to the capscrew or lamp body, so as to be movable vertically, relatively to the air deflector or elimney supporter, substantially in manner as specified, the foraminons cup or guard, D, made and arranged with the chimney supporter and the air deflector, substantially as specified. Also, the combination and arrangement of the guide, K, with the standards E E, and the chimney supporter, C, and the part, D, applied thereto as specified.

Also, the improved lamp-burner as composed of the chimney-holding prince. I. the elitance supporting cone and air-deflector, C, the perforated springs, 11. the editancy supporting cone and alr deflector, C, the perforated cup, D, the standards, E E, the screw cap, B, and the wick tube, A, and its guide, K, arranged as described, and baying the wick movable in the cap, B and guide, K, by means and in manner as described.

and guide, K, by means and in manner as described. 75,484.—TRUSS PAD.—Fred. A. Stohlmann, Brooklyn, N. Y. I claim a trasspad, formed with sprine, angers, padded and attached to the trass spring, as and for the purposes set forth. 75,485.—SYRINGE.—Fred. A. Stohlmann, Brooklyn, N. Y.

syringe with a hollow piston rod, d, pielon, e, s lneck, g, as and for the purposes set forth. claim a

I claim a syringe with a holiow piston root, d. pieton, e. screw-lieta of cap, b. and neck, g. as and for the purposes set forth.
75,486.—HORSE HAY FORK.—Hiram C. Stouffer and Abraham Stouffer. Bever Township, Ohio. We claim the tines, B C, links, R 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. MATAL GUTTERS.—O. W. Stow, Plantsville, Conn.
I claim the combination of the cam lever, F G, with the nivoted jaws, D D, where by the jaws are closed to form the bead, substantially as described for the purpose specified.
75, 487.—Roymer, Fastrening.—Enoch E. Stubbs. West Elkton.

75,488. -BOLT FASTENING.-Enoch E. Stubbs, West Elkton,

Optimize the combination of key, d, dor, a, and spring, e, with the clasp, D, i claim the combination of key, d, dor, a, and spring, e, with the clasp, D, and recessed bolt, A, when the several parts are constructed, arranged, and operated conjointly in the manner andfor 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 therefrom, the yoke, H, and trigger, G, for holding the pin suspended in a vertical position and dropping if automatically, on the entrance of the link into the drawhead, substantially as described.
75,490.—SPRING BED BOTTOM.—Richard Tattershall, Beloit, we we appended to the second se

Wis. Icialm the employment of the device herein described for securing the enporters, C, to the bedstead, D, as set forth. Also, the guard bands, H, of their equivalent, in combination with the sup-ports, C, brackets, L, locking pins, e, hooks, b, the transverse slat, J. rubber eprings, B, and slats, A, when constructed and arranged substantially as herein set forth and described, for the purpose specified. 75,491.—COAL STOVE.—Jasper Van Wormer and Michael Michael Michael Michael Stove.

MoGarvey, Albany, N. Y. We claim, 1st, In baseburning or magazine stoves, a funnel or hopper at-tached toor supported by the top or outside casing of the stove, in combina-tion with the open top magazine cylinder, K, as and for the purpose set forth.

forth. 2d, The perforated check-draft plate, l, in a downward draft fluc, provided with a register, X, soarranged as to pass the soot and asnes 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.

I claim. 1st, The herein-described compound, consisting of the waste and Inseed oil, or its equivalent, when compounded in the manner, and in any proportion, for the purpose substantially as set for it. 24. The cement, consisting of waste, linseet oil, and lime, or its equiva-lents, when compounded in the manner and for the purpose substantially as described.

scrined... d. The utilizing of the waste from the bleaching apparatus of paper mills, compounding the said waste with linseed oil, or its equivalents, or with de petroloum, or with its distillates; also, in compounding the same with te inits various conditions, and with the pigments used for paint, in the nner substantially as described. 75,498.—PLANER'S CHUCK.—William H. Warren, Worcester,

Mass. I claum, 1st, The n proved planer's chuck, herein described, when its sev-eral 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 purpose set forth.

urposesetforth. 3d, The subject matter of second claim, in combination with the movable ins, CC, when arranged to oberate in the manner substantially as specified. (5,499). INKING APPARA'(US FOR COLOR PRINTING.-LAW-DAME AND APPARA'(US FOR COLOR PRINTING APPARA'(US FOR COLOR 75,499.rence B. Waterman, Indianapolis, Ind., assignor to John Carlton & Co. I claim, ist, The screw rod, D, and nuts, e e, in combination with section-al plates, c c, having slots, c' c', all combined and arranged substantially as and for the purpose set forth.

2d.

for the purpose set forth. The inking roller, I. provided with the removable shatt, K, working sliding ocaring, H, in combination with the distributing roller, J, hav-face bearings, J', substantially as and for the purpose set forth. 500.—DEVICE FOR WEAVING CHAIR SEAT.—G. A. Wat-75,500.

kins, Proctorsville, Vt. I claim a needle or shuttle, of flat shape or bar form, constructed as de-scribed, to hold the splints at their one endins match a manner as that the splint may be readily detachable therefrom after it has been passed through the warp, and shaped to form a batten for beating up the billing, substantially as specified. 75,501.--CAR BRAKE.-James White and Thomas Lingle,

(75,001.--UAR BRAKE.--James White and Thomas Lingle, South Amboy, N. J.
We claim, ist, The suspended frame, C, in combination with the shaft, E, axle, A, and band, d, and the devices for preserving the tension of the band, substandally as described, for the purpose specified.
2d, The shding clutch and sleeve, F, with brake chain, G, attached, sub-stantially as described, for the purpose specified.
3d, In combination with the shding clutch, the rod, e, pin, f, bell crank, g, and rod, h, substantially as described, for the purpose specified.
4th, The self-acting gare, when the same is arranged for the purpose set forth, and when consisting of the adjustable bar, l, 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.

all made and operating substantially as and for the purpose herein shown and described. 5th, The adjustable gage, 1, in combination with grooved sleeve, F, and rod, e, substantially as described, for the purpose specified. 6th. The device for operating the braites by the chain, G, said device con-sisting of the arrangement and combination with the lever, K, of the lever, O, having an arm, r, the sleating bar, N, spring, s, and pul-levs, p, and q, all matic and operating substantially as and for the pur-pose 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. 1 claim the clamps and packing blocks, E F, and G, made of wrought fron, and constructed and arranged for use substantially as described, and for the purposes set forth.

-Hop Dryger.—Jonathan Whitney, Fort Winneba 75.503.

75,503.—HOP DRYFER.—Jonathan Whitney, Fort Winneba-go, Wis. I claim, 1st, A hop dryer, consisting of a drying room, E, and store room F, and provided with a curbed frame, B, having tiling drying floors, mounted on a track, D, all constructed and arranged to operate substanti-ially as described, and for the purpose set forth. 2d, The curbed rame, B, and tiling drying floors, A, constructed and ar-ranged 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 proves 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, sub-stantially as set forth. 75,505.—WATCH CASE.—Gile J. Willson, Reading, Pa.

WATCH CASE.—Gile J. Willson, Reading, Pa. 75.505.-

I claim, ist, fhe 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 subtance, 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.

Weelaim the dash boards of vehicles constructed from india rubberor 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 thereofor not.
25,209.—ARGAND GAS BURNER.—M. H. Collins, Chelsea, Mass, assignee by mesoeassignments of flippolyte Monier, Paris, France. Dated August 23, 1858. Application for reissue received and filed February 25, 1868.—Division A.
Iclaim, Ist, Taeconstruction of the argand burner, with its grate, a, and external tube, b, of elay, porcelain, or other incorosiole, refractory nonconducting material, and with its inner tube and stem of metal, the several parts being combined anb-tantially *is* here in described.
26, Combining with the chimney and the base on which it rests, elastic internal supports, q, inchined outwardly from the top towards the bottom, and bearing against theinner surface of the chimney above its base, substantially as and for the purpose setforth.
25,209.—ARGAND GAS BURNER.—M. H. Collins, Chelsea, Mass, assignee by mesne assignments of Hippolyte Monier, Paris, France. Dated August 23, 1858. Application for reissue received and filed February 25, 1868.—Division B.
I claim the glass chimney of an argand or other burner, constructed without a fiance upon its base, and having the lower por ion cylindrical, and the upper part tapering 'owards the too, subatantially as described.
63, 486.—SAW.—Henry Disston (assignee of Charles Disston), Philadelphia, Pa. Dated April 2, 1867. Application for reissue received and field February 28, 1868.
Chim, 154. Aprojection, bon a detachable saw tooth, having a circular base, adapted to a corresponding recess in the blade, in combination with a should for bear by partly turning the tooth in the recess of the blade, all substantially as and for the purpose to forth.
26, 304.—SAW.—Amende to forther and secore and recess, m, in the projection or in the bla 75,506.— DOVETAIL MACHINE.— ROUERT WOH, DURING ton, Ioan Lington, Ioan, Ist, The combination of the cam, F, and Jointed lever, G, with the fork, f, pin, g, and carrage, I, all made and operating so that a suit able oscillating motion is imparted to the carrage, I, substantially as and for the purpose herein shown and described.
2d, The longitudinally movable frame, H, in combination with the oscillating carriage, I, and laterally movable bed, J, all made as described, and and operating with the saw, is, substantially as and for the purpose herein shown and described.
3d, The combination of the lever, K, pawl, J, slotted adjustable pawl, k, spring catca, i, and bed, D, all constructed, arranged, and operating with the scribed.
4th, The combination of the lever, K, pawl, J, slotted adjustable pawl, k, spring catca, i, and cheeribed.
4th, The combination of the oscillating plate, P, slide, u, levers, MO, 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, ane the slide. V, constructed and operating substantially as described.

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## REISSUES.

2,891.-FOLDING CHAIR.-Benjamin J. Harrison, and James

2,891.—FoLDING UHAIR.—Een Jamin J. Harrison, and James Condie, New York city. Paterted July 17, 1866. We claim, 1st, The pair of legs, A, connected by the seat rail, b, at their upper ends, and by the rail, a, near their lower ends, in combination with the pair of legs, B, pivoted at c, to the legs, A, and united only at their upperends at the seat rail, C, as specified, so that the rail, b, can pass entirely through, beneath the rail, C, when the logs are folded, as set forth. 2d, The seat rail, C, not which the side pieces or arms, E, of the back are tramed, and extended through to the bar, G, and normation with the the bolt, c, that connects the legs, A, and forms the axis on which the back E F swincs, substantially as specified.

the bott, c, that connects use ress, x and forms the axis on which the back E F swings, substantially as specified. Saf, Connecting the frame forming the back to the folding legs by a riveted bar or pivotsabove the point at which the flexible seat is unit. A to the back seat rai, substantially as set forth, so that the flexible seat maintains the back in an uprize position.

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, ist, 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 D and G G, substantially as and for the purpose specified.

as and for the purpose specified. 2,593.—HYDROCARBON VAPOR APPARATUS.—F.S.Pease, Buf-falo, N.Y. Pattened Marcu 13, 1860. I claim, 1st, The combination of the box, A, one or more pans, B, for con-taining hydrocarbon liquid, the supplypipe, C, at or near the top, the exit pipe, D, at or near the bottom, and the contensor, E, the whole operating substantially as and for the purposes herein set for th. 2d, Condenser, employed in connection with an air carbureting apparatus, substantially as and for the purposes set for th. 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 enander. 2,894.—FRUIT BOX OR BASKET.—Jabez W. Hayes, Newark, N. J. PatentedAug, 12, 1866.

N. J. PatentedAug, 12, 1866. I claim, 1st, A box or basket formed of veneers or laminæ of wood, laid kross 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 for the bicknesses.

of single thicknesses. 2d, A box or basket formed of veneers of laminæ of wood, crossing each other at the bottom and turned up to form the sides, in combination with a cord, or its equivalenc, passing around the sides to hold them together, sub-stantially as set fortb. T NOTE.-The above claims for Reissue are now pending before the Pat.

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

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 TURSDAY, MARCH 3, 1868.]

20,647.—GANG PLOW.—Don Carlos Matteson, Stockton, Cal. Dated June 22, 1858. Application for reissue received and filed Feb-ruary 24, 1868. I claim the arrangement as described, of the false beam. N. goose neck. G. Akle, u. lever, l. eatch, 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 the purposes specified of the purposes specified of the purpose specified of the purpose set forth. A standard of the purpose set forth.

substantially in the manner as and for the purpose set form. 19,896.—LAMP. - P. Hannay, Washington, D. C., and Hudson

19 390.—1.A MP. - 17. Halfnäy, Washington, D. C., and Fullson Taylor, Poughkeepsie, N. Y., assignees by mesne assignments of Pascal Plant, Washington, D. C. Dated April 6, 1858. Application for reissue receive and nied Feoruary 28, 1988.—Division A. 1st, I claim causing a current of air to impinge upon or commingle 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.
20, 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.

ney 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

19,896. --I AMP. --P. Hannay, Washington, D. C., and Hudson Taylor, Poughkeepsle, N. Y., assignces by meane assignments of Paseal Plant, Washington, D. C. Bater April 6, 1585. Application for reissue received and filed February 28, 1868. -Division B.
1st, I clam combining the cap piece or burner, with the wick tube, or lambtop of a hydro-carbon lamp, in such manner that the burner may be thrown back from the wick tube, substantially as and for the purposes de-scribed.
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, assignces by meane assignments of John S.

65,168. — VEHICLE. — The American Hard Rubber Wagon Company, New York city, assignees by meshe assignments of John S. Campbell, Newton, N.J. Dated May 28, 1857. Application for reissue received and filed February 23, 1868. — Division A. We claim, 1st, The bodies of vehicles constructed wholly or in part of india rubber or other plastic material, substantially in themanner herein set forth as a new article of manufacture.
24, The arrangement of the flanges, b and c, and cross pieces, d, or either of them, in the bodies of vehicles made from indiarubber or other plastic material, substantially as and for the purpose described.
65,168. — VEHICLE. — The American Hard Rubber Wagon Company, New York city, assignee by mesne assignments of John S. Campbell, Newton, N. J. Dated May 28, 1867. Application for reissue received as d filed February 28, 1888. — Division B. We claim the running gear of vehicles constructed of india rubber or other plastic material, substantially in the manner described.

Company, New York city, assignees by meane assignments of John S. Campbell, Newton, N. J. Bated May 28, 1867. Application for reissue received and filed February 28, 1863. Division C. We claim the running gear of vehicles constructed of india rubber or ther plastic materials, substantially as herein set forth as a new article of

er plastic material, substantial, aufacture, aufacture, 168. — VEHICLE.—The American Hard Rubber Wagon 3. State and State and

Company, New York city, assignces by mesne assignments of John S. Campbell, Newton, N. J. Dated May 28, 1867. Application for reissue re-ived and filed February 28, 1868.—Division D. The provided of the environment of the environment

65,580.-Medical Preparation.-Charles L. Lege, San An-

00,00.—.MEDICAL FERPARATION.—CDATIES L. Lege, San An-tonio, Texas. Dated June 11, 1867. Application for reissue received and filed February 29, 1868. I claim a medicament produced from the material specified. 44,964.—CLOTHES DRYER.—Lorenzo Ling, Pulaski, N. Y. Dated November 8, 1864. Application for reissue received and filed Feb-ruary 29, 1868. I claim, ist, The independently pivoted arms, B, fitted in the head, A, when ased in connection with suitable automatic locks or fastenings for the pur-pose specified.

used in connection with fuitable automatic locks or instemings for the pur-pose specified. 2d, Theslides, C, on the arms, B, provided with the recesses, f, in combina-tion 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 sub-stantially as and for the purpose herein set forth. 3d, The employment or use of lines, D, one or more, when applie ' to the bars, B, to serve as braces or stays, for the same, substautially as shown and

67,469.—LUBRICATOR.—G. Waters, Cincinnati, Ohio. Dated

67,469.—LUBRICATOR.—G. Waters, Cincinnati, Ohio. Dated Angust 6, 1867. Application for relessue received and filed Feb. 7, 1888. The detachable combined glass reservoir and stem. A s, 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, sub-stantially as Mereinbefore described, for the purposes set forth. Also, the combined glass 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

ent Office and will not be officially passed upon until the expiration of  $3\theta$ 

days from the date of fling the application. All persons who desire to

65.168. -

65.168

-VEHICLE. — The American Hard Rubber Wagon

75.492.—TELEGRAPH POLE.—Cromwell Fleetwood Varley,	and one thickness of the double bottom, substantianty as set to the	oppose the grant of any of these claims should make immediate appli-
New 1 ork city.	2,090CUAL STOVEJ. J. Davage, 1109, N. I. I atenteu	cation. MUNN & CO., Solicitors of Patents, 37 Park Row, N.Y.
I claim the combination of a conducting wire, running to the ground, with	Feb. 12, 1867. Division B.	
the telegraph pole and the insulators attached thereto, substantially as and	I claim, ist, Constructing a heating stove with its fuel doorway or aper-	
for the purpose set forth.	ture B, below and forward of its flame or combustion champer and contigu-	
10 the philose sector. Dr. U. Vogel Parlin Pruggio as	ous to or adjoining its fire box A. in manner substantially as and for the pur-	Inventions Patented in England by Americans.
75,493.—PHOTOMETER.—Dr. H. Vogel, Berlin, Prussia, as-	poses herein set forth.	[Compiled from the "Journal of the Commissioners of Patents.")
signor to Wilson & Hood, Philadelphia, Pa.	2d, The combination of the fuel doorway or aperture B, and fire box A,	Los mplication the boundaries the commissioners of the data.
1 claim 1st. The arrangement of the transparent paper strips, C, which ar-	extended contiguously thereunder, as applied to heating stoves in manner	PROVISIONAL PROTECTION FOR SIX MONTHS.
ranged in steps, and which are divided into sections, each section having an	substantially as and for the purposes set forth.	
opaque partition, substantially as herein shown and described.	3. I combination with a heating stove baying its fuel door way in the post-	385.—BOILER ALARM.—Thomas P. Akers, New York city. Feb. 4, 1868.
Thebox, A, when provided with a cover, B, having aglass plate b, and the		905 Promoto AND MALTO TOD SHOTDING THAN TO (ADVANT) Doniel
step-formed paper, C. and with the sliding false boltom, D. pressed against	tion as herein described, the employment therewith of a litting lever I', sub- istantially in manner as and for the purposes herein set forth.	395BUTTONS, AND MEANS FOR SECURING THEM TO GARMENTSDaniel McL. Somers and Walter S. Atwood, Brooklyn, N. Y. Feb. 5, 1868.
the paper. C, hy means of a spring, E, as set forth, all made and operating	stantiariy in manner as and for the purposes herein set forth.	
substantially as herein shown and described.		405.—STEAM GAGE.—David M. Greene, Troy, N. Y. Feb. 6, 1868.
3d, The paper strips, saturated with alkaline chromate, when they are	and its fuel doorway or aperture B, the arrangement of a front lining plate	400 Exercise Microsoft These A Messarlar New York site Table 1969
applied to a photometer, substantially as herein shown and described.	E, in position between the flame chamber C, and the said fuel aperture, in	408SEWING MACHINEThos. A. Macaulay, New York city. Feb. 6, 1868.
	manner substantially as and for the purpose set forth.	422LOOKCharles H. Liffler, New York city. Feb. 7. 1868.
75,494ATTACHING HORSESHOEJohn Wagner, Washing-	5th, In combination with a lever lifter F, as applied to heating stoves in	
	manner ar herein described, the employment of a holding hook b, and catch	
	mannet at net all down the capitor in a data ing neon b; and caton	
top D C	ridge e. substantially as and for the purpose set forth.	NEW PIRLICATIONS
ton, D. C. I chaim at taching the hands. C and D to a horseshoe, B, in the manner sub-	ridge e, substantially as and for the purpole set forth. 6th, A heatman stove so constructed that fresh fuel may be cast or fed di-	NEW PIRLICATIONS
ton, D. C. I claim at taching the bands, C and D to a horseshoe, B, in the manner sub- stantially as shown and described and for the purpose set forth.	ridge e, substantially as and for the purpole set forth. 6th, A heating stove so constructed that fresh fuel may be cast or fed di- red by into yacard roem of onen places, proviously formed or made for it in.	NEW PUBLICATIONS.
ton, D. C. I claim attaching the bands, C and D to a horseshoe, B, in the manner sub- stantially as shown and described and for the purpose set forth. 75,495.—DEVICE FOR CONVERTING ROTARY INTO RECIPRO-	ndge e substantially as and for the purpose set forth. 6th, A hearingstove so constructed that fresh fuel may be cast or fed di- rective into vacant room or open places, previously formed or made for it in, hebw, and between the ignited fuel or coke, within fresh fre box of said stove.	NEW PUBLICATIONS. LIFE IN THE WEST. 360 pages. Price \$2. S. R. Wells.
ton, D. C. I Gaim at taching the bands, C and D to a horseshoe, B, in the manner sub- stantially as shown and described and for the purpose set forth. 75,435.—DEVICE FOR CONVERTING ROTARY INTO RECIPRO- 76,435.—DEVICE FOR CONVERTING ROTARY INTO RECIPRO-	ridge e substantially as and for the purpose set forth. 6th, A heating store so constructed that fresh fuel may be cast or fed di- rectly show a constructed that fresh fuel may be cast or fed di- rectly show and between the ignited fuel or coke, within the free box of said store, by the means and operation in manner substantially as hereinbefore fully	NEW PUBLICATIONS. LIFE IN THE WEST. 360 pages. Price \$2. S. R. Wells,
<ul> <li>ton, D. C.</li> <li>I claim at taching the bands, C and D to a horseshoe, B, in the manner substantially as shown and described and for the purpose set forth.</li> <li>75,495.—DEVICE FOR CONVERTING ROTARY INTO RECIPRO- OATING MOTION.—Eaton Walker. Dundee, 11.</li> <li>Lelaimthe combination of the wheels. A. provided with the cams, a. the</li> </ul>	In dee e, substantially as and for the purpose set forth. 6th, A hearingstove so constructed that fresh fuel may be cast or fed di- rective the set of	NEW PUBLICATIONS. LIFE IN THE WEST. 360 pages. Price \$2. S. R. Wells.
<ul> <li>ton, D. C.</li> <li>I claim at taching the bands, C and D to a horseshoe, B, in the manner substantially as shown and described and for the purpose set forth.</li> <li>'6,435.—DEVICE FOR CONVERTING ROTARY INTO RECIPRO- CATING MOTOR.—Eaton Walker. Dundee, III.</li> <li>I claim the combination of the wheels, A, provided with the cams, a. the conductor for the structure fevere. D. provided with the friction rollers, f, and the arm, F, all</li> </ul>	In dee e, substantially as and for the purpose set forth. 6th, A hearingstove so constructed that fresh fuel may be cast or fed di- rective the set of	NEW PUBLICATIONS. LIFE IN THE WEST. 360 pages. Price \$2. S. R. Wells, publisher, 389 Broadway, New York.
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<ul> <li>ton, D. C.</li> <li>I chaim at tacking the bands, C and D to a horseshoe, B, in the manner sub- stantially as shown and described and for the purpose set forth.</li> <li>76,495.—DEVICE FOR CONVERTING ROTARY INTO RECIPRO- corrise Morrow.—Eaton Walker. Dundee, III.</li> <li>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 ns described.</li> <li>75,496.—VAPOR BURNER.—Thomas Ward, Columbus, Ohio.</li> <li>I elaim, ist, The application of the double packing. H and L to regulate</li> </ul>	n dge e substantially as and for the purpose set forth. 6th, A hearingstove so constructed that fresh fuel may be cast or fed di- red lytinto vacant roem or open places, previously formed or made for it in, below, and between the ignited fuel or coke, within the fire boot 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 STRAWBERBY 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	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. Multer, was for manyyears a correspondent of the <i>Tribune</i> , and, having spent a considerable portion of his life in the
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<ul> <li>ion, D. C.</li> <li>I claim at taching the bands, C and D to a horseshoe, B, in the manner sub- stantially as shown and described and for the purpose set forth.</li> <li>'75,495.—DEVICE FOR CONVERTING ROTARY INTO RECIPRO- oATING MOTION.—Eaton Walker. Dundee, 11.</li> <li>I claim the combination of the wheels, A, provided with the cams, a. the oscitating lever, D, provided with the friction rollers, f, and the arm, F, all constructed and arranged to operate substantially ns described.</li> <li>'75,496.—VAPOR BURNER.—Thomas Ward, Columbus, Ohio. I claim, 1st, The application of the double packing, H and J, to regulate the find and gas, as set forth in the above specification.</li> <li>24. 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 constructed as here in shown, and arranged in relation to the</li> </ul>	ndge e. substantially as and for the purpose set forth. 6th, A heatingstove so constructed that fresh fuel may be cast or fed di- rective for the set of the set o	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. Multer, was for manyyears a correspondent of the <i>Tribune</i> , and, having spent a considerable portion of his life in the West, herelates in a very entertaining series of chapters the progress of set tlements 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