MARCH 2, 1867.

of the bellows or blastnozzleshall circulate in a chamber outside of the cham-ber, k, and pass up to the grate through the space which is between the fre bed plate and the mpper edge of the chamber, k, all substantially as and for the purpose set forth. purpose set forth. econd, The construction of the tweer, substantially in the manner and for purpose described. the purpos

62,073.-BELT LAP CUTTER.-Charles E. Robinson, Concord, N. H.

I claim attaching the knife to a grooved sliding block, E, working in grooves in the top leaf or upper part, B, of the machine, and provided with a handle, G, substantially in the manner and for the purpose herein shown and described.

Second, The combination of a rubber or other elastic seat with the lower leaf or part, A, of the machine, substantially as herein shown and described. Third, Hinging the lower and upper parts or leaves, A and B, to each other at one end, substantially as herein shown and described.

62.074.-ENAMEL FOR COVERING HOOP-SKIRT SPRINGS.-W.

S. Ryerson, Philadelphia, Pa. I claim enameling the covering of noops or springs of a hoop skirt or of so many of them as may be necessary, with a composition prepared of the in-gredients, and in the manner and proportions herein described and set forthe 62,075.-ICE PLANER OR CUTTER.-James Serrill, Philadel-

phia, Pa. I claim an ice cutter or planer, consisting of the adjustable cutting knife, A, supporting block, B, guides, C C, incorrodible surface plates, D D, and the tunnel or spont, B, arranged and combined together as described, as an im-proved article of manufacture, for the purpose specified.

62.076.—HORSE SHOE.—George Sewell, Poughkeepsie, N. Y. First, I claim the construction of a horse shoe with a supplementary de-tachable portion, B, substantially as herein set forth for the purpose specified. Second, The attachment of the supplementary portion, B, to i e part, A, of the shoe, by means of the tapering dovetails, g, tapering dovetailsocket, c, spursh, and keys, i, arranged in relation with each other substantially as herein set forth.

62,077. - BREECH-LOADING FIRE-ARM. - Christian Sharps,

62.077. — BREECH-LOADING FIRE-ARM. — UNTISUAN DHATPS, Philadelphia, Pa. First, I claim fue combination of the hooked projection, w, or its equivalent, or the lever. D, with the lip, y, or its equivalent, on the sliding breech. for the purpose specified. Second, The spring bar, H, arranged to slide in the frame, B, and having a motched projection, j, in combination with the levers, D, and its arm, F, the whole being arranged substantially as described, so that the cattridge may be extrac edither by the manipulation of the lever, D, or fidding rod, H. Third, The combination of the spring plate, G, on the lever, D, the notch, e, on the arm, F, and poiton, h, of the fitting, by which the said lever, D.

62.078.—WINDOW FASTENER.—J. D. Simmons. Quincy, Ill. I claim the eccentric lever, B, provided with the notch, X, and the lug or wing, Z, for the purpose of stopping the spring and preventing strain upon the same, in combination with the plate, A, formed as described, and the purpose specified.

62.079.-WHEAT DRILL.-Jacob Slauder (assignor to himself and Levi C. Smith), Osborn, Ohio.

I claim the shaft, d, with the worms or screws, e, over the openings, i, ii the bottom of the hopper. C, in combination with the gear wheels, b c, and one of the driving wheels, E, constructed, arranged, and operating substan-tially as and for the purposes herein described.

62,080.-SEEDING MACHINE.-F. F. Smith and A. Thurston,

Four Corners, Ohio. We claim, First, So combining the lever, E, with the seeding stocks, G, and clutches, et, that the movements of the said levers will elevate the seeding stocks simultaneously with the operation the clutches to stop the motion of the sect-dropping mechanism, substantially as herein set forth. Second, The retention of the plate, c^* , in its place, with reference to the erginder, J, and hopper, I, by means of the groove, c' and removable upper part, a*, of the atoresaid hopper, substantially as herein set forth and for the purpose specified.

purpose specified. 62,081.-SHAFT COUPLING.-Henry K. Smith (assignor to

himself and Charles Osgood), Norwich, Conn. I claim the shaft coupling herein described, the same consisting of the sleeve C, having beyeled or inclined ways or grooves, D, pieces or blocks, E, and screw bolks, H, when combined and arranged together, substantially as and for the purpose specified.

62,082.—Sink.—Sidney Smith, Greenfield, Ohio. I claim, First, The arrangement, in a metallic kitchen sink, of a grating, C, substantially as described and for the purpose set forth. Second, The arrangement in a metallic kitchen sink of the movable baskets, substantially in the manner described.

62,083.—STEAM GAGE.—William Stamp, Susquehanna Depot Pa.

F:a. First, I claim a concave flat-bottomed or saucer-shaped steel plate diaphragm fitted in a steam gage, and constructed substantially as herein described. Second, I claim also the eccentric adjusting pin, 1, or its equivalent, in combination with the pendent lever, h, and the segment, d, constructed and operated substantially as herein described.

62,084.—WASH BOILER.—M. W. Staples, Catskill, N. Y. I claim the chambers, B and C, the perforated partition, E, and the circula-tion tubes, D, with apertures, a, arranged substantially as shown and de-scribed, in combination with a boiler for the purposes herein set forth.

62,085.—BASKET MACHINE.—Geo. Storer, New Britain, Conn

02,083.—BASKET MACHINE.—GCO. StOPEr, New Britain, Colin. Iclaim, First, The gudgeon, c, extending from the stock, m, and turning upon the pin, i, in combination with the mold block, d, as specified, so that said gudgeon, c, will be sustained by its stock in a horizontal or vertical posi-tion, for the purposes set forth. Second, I claim the mold block fitted so as to be revolved in combination with the clamping cap, c, and movable center, f, substantially as and for the purposes specified.

62,086.-MACHINERY FOR MAKING OVAL PICTURE FRAMES.-

John E. Sweet (assignor to John S. Bon and E. R. San-ford), Syracuse, N. Y. Iclaim, First, The combination and arrangement of the shafts, C D E, and heir punns, with their crank and its boxes, substantially as described and or the purposes set forth. Second, The eccentric sleeve, S, for varying the throw of the crank, sub-instially as described.

stantiall stantially as described. Third, The combination of the scraper, R, arm, O, upright, L, with or with out the pedal, P, as described and for the purposes set forth.

62,087.—PICKER CUSHION FOR LOOMS.—Wm. J. Thorn (as-signor to himself and F. A. Betts), Westbrook, Me. I claim a tanned leather picker cushion for weaving looms manufactured and prepared in the manner herein set forth.

62,088.—SMUT MACHINE.—Wm. E. Tickler, Ezra T. Marshall

Decode, JORONT JACHINE. — W II. E. TICKIET, EZTA T. BIATShall and Daniel M. Marshall, Pierceton, Ind. We claim, First, The smut machine consisting of the cylinder, B, hollow shaft, C, brushes, E, shaft, U, cones, d, standards, e, riddle, G, tan, T, and pipe, p, operating substantially as described, for the purpose specified. Second, The spreading device consisting of the pivoted valve, n, elastic figers, o, arranged in the spout, m, substantially as andforthe purpose speci-fied.

hed. 62,089.—BRICK BURNER.—Wm. H. Towers, Boston, Mass. I claim the revolution of unburned bricks within a circular turret or kill in such a manner that during the first part of a revolution they shall ary and become gradually heated, then be thoroughly baked during their passage over a furnace, and then gradually cool until, at the completion of the revolu tion, they shall be delivered perfectly burned and serviceable bricks, using for the purpose the apparatus hereinbefore described, or any other subtant tially the same and which will produce the desired effect.

62,090.-MACHINE FOR PULLING FLAX.-Samuel W. Tyler (assignor to Thos. M. Cleeman, George P. Prescott, Wm. Devermand, E. H. Jones and Henry Holmes), Troy, N. Y. Thirteenth, I claim an automatic raking or delivering device when arranged in a manner to support the crop in an upright position while it is being con-veyed along from the pullers or cutters to the point at which it is deliver from the rake, substantially us described. For retenth, I claim in combination with the pullers a vibrating separator for separating the swath from the standing portion of the crop, substantially as described.

for separating the swa'h from the standing portion of the crop, substantially as described. Fifteenth, I claim the separating swords or blades, X, for the purposes set forth and substantially as described. Sixteenth, I claim so attaching the pullers to the machine, in connection with springs, as to secure to them an automatic or self-adjusting pressure upon the crop, substantially as described. Seventeent: I, I claim the adjustability of the tongue, E, in combination with the travelog clastic pullers, substantially as described. Eighteenth, I claim so constructing and attaching the defecting guards, N, as to allow the or to approach the pullers at a point upon the opposite side of the line of their axes, for the purposes set forth and substantially as described.

62,091.-NUTRITIVE MEDICINE.-Samuel C. Upham, Phila

delphia, Pa. I claim a nutritive medicine composed of the within-described ingredients prepared in the manner and in the proportious substantially as set for th.

62,092.-LUBRICATING OIL.-P. H. Vander Weyde, Philadel-

phia, Pa. I claim the manufacture of illuminating or burning oil and a superior lu-bricating oil from common petroleum, combining the filtering, evaporating at a low temperature, and thickening processes above described. 62,093.—PREVENTING INCRUSTATION IN STEAM BOILERS.-

D. H. Vander Weyde, Philadelphia, Pa. I claim the attachment wit: in the upper part of the steam room of a boiler of anumber of short rods resembling small inverted straight or curved light-ning rods, or their equivalents, intended to carry the positive electricity of the steam to the bottom of the boiler where it discharging in the water protess the dectro positive deposits preventing them from settling and thus protects the oblight from incrustation.

62,094.—MAKING AND USING NITROUS OXIDE GAS.—P. H. Vander Weyde, Philadelpha, Pa. Antedated Jan. 30,

Vander Weyde, Philadelpha, Pa. Antestates Jan. 30, 1867. I claim, First, The new economical method of making nitrous oxide gas, as above described. Second, The apparatus for compressing and liquefying it, as above de-cribed. Third, The use of the liquefied gas after its re-expansion as an anæsthetic for surgical operations (and anti-spasmodic) in cases of typhoid fever, cholera, and other medical operations. Fourth, Its use as a substitute for oxygen for the Drammond or Calcium light, or hydro-oxygen blow pipe for magic lanterns, light houses, melting of plaihum, etc.

ght, or hydro-oxygen blow pipe for magic fancer is, none notice, according failaun, etc. Flifth, its use as a bleaching, oxydizing, deodorizing, and disinfecting

agent.' Sixth, The use of the liquefied gas as a store of motive power, for driving railroad cars and other contrivances.

62,095.-GAS GENERATOR.-P. H. Vander Weyde, Philadel-

102,093.—GAS GENERATOR.—F. H. Vanuer Weyde, Finlauel-phia, Pa. Antedated Jan. 30, 1867. I claim, First, A gas generator when the acid is entirely separated from the substance from which the gas is evolved brought in contact only in pro-portion to the presence and quasitity required and adapted to the instantane-ous generation without the application of heat of the following gases: hvdro-gen, oxygen, carbonic acid, hvdro-subpurtle acid, sulphide of aminoing second, the long-necked bell jar, A, contracted and expanded below as de-scribed above preventing the absorption of the gas by the liquid.

62,096.--TUBULAR STILLS FOR CONTINUOUS DISTILLATION.

P. H. Vander Weyde, Philadelphia, Pa. Antedated Jan.

30,1867. I claim, First, A still consisting of a series of tubes situated in the flue, hrough which tubes the liquid to be distilled is uninterruptedly passed in a mail stream and in its downward course submitted to a continually increased

I claim, First, about the liquid to be assumed to a continuous process of through which tables the liquid to be assumed to a continuous process and in its downward course submitted to a continuous process mean. Second, I claim anumber of vapors of different density and volution, each this tabular still giving exit to vapors of different density of which the condensing its own vapor separately in a common worm Lichles condenser, or any other kind, and thus producing liquids of different density by one single uninterrupted operation; also preventing fusil and other oils from contaminating any other part of the apparatus or of its products with their flavors.

from contaminating any other part of the appendix their flavors. Third, The manner of connecting the tubes by means of traps for the separation of the different vapors, and by screw caps giving access to their interior for cleaning, repair, or other purposes. WHITE LEAD.—P. H. Vander

62,097 .-- MANUFACTURE OF WHITE LEAD .-- P. H. Vander

62,097.-MANUFACTURE OF WHITE LEAD.-P. H. Vander Weyde, Philadelphia, Pa. Antedated Jan. 30, 1867. I claim, Frat. To effect with the same apparatus and one single operation the separation of the products of the distillation of wood, chiefly of the acetic acid the immediate transformation of the remaining charcoal into carbonic acid and the use of those two products to the manufacturing of white lead, in the maner described. Second, The spiral inverted gutter, h h, intended either to secue a more perfect absorption of the carbonic acid or any other gas by the liquid or to charge air or gas more perfectly with the vapor of the liquid through which it passes.

it passes. Third, The treatment of the precipitate with a hot alkaline solution of quicklime, or its equivalent, and the washing out of the filters with lime water

ater. 62,098.-ELEVATOR.-R. M. Van Sickler, New York City.

2.483.—HARVESTER.—Robert T. Campbell, Washington, D. C., assignee of Thos. J. Stealey. Patented Dec. 15, 1857 Reissued Nov. 6, 1866.
First, I claim combining with a hinged platform which is free to conform to the undulations of the ground independently of the motions of the araught frame, or of the axie of the transporting wheels, at oothed rake which will deliver the cut grain upon the ground in gavels, and a reel or gathering de-vice, which will press the standing grain toward the cutters, said rake and reel or gatherer being wholly supported upon said platform, substantially as described.
Becond, Combining with a hinged platform a toothed rake and a reel or gatherer, which are wholly supported upon and move in harmony with said platform, an adjustable hinged connection which will allow of the vertical adjustment of the cutting apparatus to adapt the machine to different hights of cut required, substantially as described.
Thir., Sustaining a toothed rake and a reel or gatherer wholly upon a platform which is supported at its inner end by a vertically adjustable joint.
Tourt, Suspending the rear inner end of a hinged platform which has a toothed rake mounted wholy upon it in such manner that this part of the platform can be adjusted vei tically without changing the position of the for-ward adjustable suspondent and sustaining jointed or flexible connection, in such manner that the finger beam and platform are suspended at their inner ends and are so supported upon a wheel or its equivalent, substantially as described.
Sixth, In combination with a vertically adjustable hinge joint and hinged finger beam and cutter bar, and with the crank, d, for communicating motion to the cutters, and the universal joint, m, it connect the plituna, i, with the cutter bar, substantially as described.
Sixth, In combination of crank shaft, Q, with udjustable bearbed.
Sixth, In combination of areak frame or platform and adjusting said reed to different hight I claim, First, A portable elevator consisting of a car or truck mounted on two sets of wheels substantially as described with grooved tracks or guide posts mounted thereon and a car ringe or platform subported by and moving in connection with said posts, substantially as herein shown and described. Second, I claim having the tracks or guide posts made adjustable, sub-stantially as and for the purpose herein shown and described.

62,099.-SODA-WATER STAND.-A. Van Winkle, Newark N. J.

I claim, First, The arrangement of two or more tiers of sirup cans one above the other in a soda-water stand, substantially as and for the purpose described. Second, Making the cans of the upper tier narrower than those of the next succeeding one below, substantially as and for the purpose set forth.

62,100.—COOKING STOVE.—George W. Walker, Boston, Mass. I claim the arrangement of the flue, i, with respect to the oven and the main flue, substantially as described.

62,101.—BREWERS' MASH TUN.—James Walker, Cincinnati,

Ohio. First, I claim the provision in a mash tun of the radiating inlets to the drain pipe or pipes, substantially as and for the purposes set forth. Second, The clevated drain pipe proper within the mash tun, substantially

62,102.—LATCH FOR CATES.—W. T. Wells, Decatur, Ill.

I claim the combination with a latch of a slotted plate, or its equivalent, when the two are so constructed and arranged together as to operate sub-stantially in the manner described and for the purpose specified. 62,103.-Suspended.-

62,104. - ELASTIC MARKING ROLLER. - L. B. Witherell,

Galesburgh, Ill. Iclaim the suppler contery bail and handle, G h, in combination with the bail and handle, 0. F, of on elastic printing cylinder, substantially as and for the purpose specified.

62,105.—MAKING HAMMERS.—J. Yerkes, Fox Chase, Pa. I claim constructing claw hammers of cast iron, in the manner described

62.106.—Covering Harness Trimmings with Vulcanized RUBBER.-Andrew Albright, Dryden, N. Y.

I claim providing metallic trimmings for carriages and harnesses with a coating of vulcanized caoutchouc or hard rubber, substantially as and for the purpose herein set forth,

as or products of combustion, circulating apartment above and around the pper portion of the magazine, substantially as and for the purposes de-

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gas or products of combustion, circulating apartment above and around the upper portion of the magazine, substantially as and for the purposes described. Fourth, A stove for warming and heating purposes wherein the screading of the coals in a lateral direction from the lower end of the usagine is wholly unobstructed all around and out to the wall of the stove, A, and at the same time the combustion circulate underneath and around the magazine, is wholly unobstructed all around and out to the wall of the stove, A, and at the same time the combination with illuminating door or windows in the said outer wall, said windows or doors being located above the grate and above the upper margin of the lining of the wall, substantially as and for the purposes escribed. Fifth, The combination of a fuel supplying againe, H, which has its lower end free from the grated fire bed, G, and an unobstructed space below it where the fuel may spread out laterally and burn in a conical pile and in thin lavers to the outer wall of the stove, with a stove, A, which has illumination doors or windows in its wall above the lining, all in such manner that the fire can be kindled through the apertures which are corered by the doors or windows substantially as set forth. Sixth, The combination of the unobstructed free space, F, out to the wall of the stove dove the lining, the illumination windows or doors in wall, A, and as circulating space, p, around the circumference of the magazine, substantially as descreted. Seventh, In a coals upply magazine stove, I claim the extended grated surface of the fire bed usite of reservoir or magazine, in combination wind the fire bed usite of reservoir of the substantially as de-coal and also insting a more brilliant illumination of the wall of the stove, by constructing, arranging and combining the combustion chamber proper, the magazine and the grated fire bed, all substantially as ide-coal and also insting a more brilliant illumination of the wall of the stove, by constructing, arranging and combinin

2,477.-PEN AND PENCIL CASE.-Wm. S. Hicks, New York

City. Patented Sept. 12, 1865. First, I claim the case, A, consisting of a simple tube, provided with the cap, c, and short incer tube, e, arranged as set forth. Second, In combination with a case consisting of a single tube, I claim the reversible handle, substantially as set forth.

2,478.-BOAT DETACHING TACKLE.-Thomas Huntington,

New Rochelle, N. Y. Patented June 5, 1866. First, I claim the employment or use of a single shaft C, arranged with nocks, B, n the inanner shown, or in an equivalent way so that by the turn-nock, B, n the inanner shown, or in an equivalent way so that by the turn-no of said shaft the hooks, B, may be simultaneously liberated to detach the

ing of sale shaft the hooks, D, may be bination of sale shaft the hooks, D, may be bination boat from the davits. Second, The hooks, B, suspended or fitted in the plates, A, in combination with the arms, e, attached to the shaft, c, all belik applied to the boat and arranged to operate substantially in the manner as and for the purpose set fourth

-CUPOLA FURNACE.-John and Thomas Insull, New 2,479.

Haven, Conn. Patented May 8, 1866. First, We claim the annular air chamber, C, in combination with one or more blast pipes, D E, and with the furnace, A, constructed and operating substantiality as and for the purpose described. Second, The partition, b, in combination with the annular air chamber, C, blast pipes, D E, and furnace, A, constructed and operating substantially as and for the purpose set forth. Third, Making the tweers oblong instead of round, as usual, for the purpose described.

hlã

Third, Making the tweers obtain instant of the signal position, substan-described. Fourth, Two or more rows of tweers placed in a zigzag position, substan-tially as and for the purpose set forth. Firth, The apertures a', in the outer wall of the air chambers, C, in combi-nation with the tweers, a, constructed and operating substantially as and for the purpose described.

2,480. - MANY-BARRELED FIRE-ARMS. - Christian Sharps, Philadelphia, Pa. Patented Jan. 25, 1859. Division A.

Reissued June 18, 1861. I claim the combination of a discharge with the hammer and the devices herein described, or the equivalents to the same, for changing the position of the discharger on the movement of the hammer.

2,481. - BREECH-LOADING FIRE-ARMS. - Christian Sharps, Philadelphia, Pa. Patented Jan. 25, 1859. Division B. Reissued June 18, 1861.

Keissued June 18, 1801. First, I claim the lever, M, with its projection, V, and the rod, N, in combi-nation with the barrel and its stock, when the whole is arranged as set forth, and when the lever, M, is so formed as to serve the purpose of a trigger guard. Second, Causing the spent cartriges to be withdrawn from the barrel dur-ing the movement out of the same by means of a clip or clips applied and op-erating substantially as set forth.

2,482.—EAR, CHEEK, AND CHIN MUFFS.—Wm P. Ware, Cin-

Cinnati, Ohio. Patented July 6, 1858. First, Iclaim a muff or pocket for the ear formed so as to surround the base of the ear and extends of a size and single to contain the car and protect the same from cold, substantially as set forth. Second I Claim a check and chin muff suspended from the ears, substan-tially as specified, instead of being fastened around the neck or over the bead.

Third, I claim muffs or pockets formed to set over the ears and held in place by a connection passing down under the chin, substautially as shown. 2,483.—HARVESTER.—Robert T. Campbell, Washington, D. C., assignee of Thos. J. Stealey. Patented Dec. 15, 1857

tially head

Devermand, E. H. Jones and Henry Holmes), Troy, N. Y. First, I claim for pulling fax and such other crops as requires uch similar harvesting, the use of a series of two or more belts or bands, made fixible so as to ply around pulleys or cylinders and properly arranged to work in con-junction by pairs, so as to eradicate or pull the crop from the earth, and this I claim irrespectively of any pulling or eradicating movement that may be given to the belts, or of any particular form or kind of material employed in the construction of the same, substantially as set forth. Second, I claim constructing the belts with irregular or corrugated sur-faces upon their outer or grasping sides, for the purposes set forth, and sub-stantially as described. Third, I claim constructing pullers with webbing or other comparatively non-elastic foundation cushoned with india-rubber or other soft material, substantially as described. Tourth, i claim arranking the belts upon the machine in the position of an incline plane, in such a manner that their grasping sides shall traverse en-ward and backward at the same time, for the purposes set forth and sub-stantially escience.

incline plane, in such a manner that their grasping sites sum traverse up ward and backward at the same time, for the purposes set forth and substan-tially as described. Thith, I claim so imparting motion to the pullers that each section of each pair thereof shall move in a direction around its axis or axes opposite to that of its fellow, so that the conjunctive sides of the two shall move together in one direction, in combination with impinging elastic surfaces, substantially as described. Sixth, I claim so arranging the belts as to leave an open space between their grasping sides at the point X', substantially as set forth and described. Seventh. I claim giving to the belts, Z and Z', when used in pairs, a motion so corresponding to that of the driving wheel that their grasping sides shall traverse backward at the same rate of speed as that at which the machine is advanced, for the purposes set forth and substantially as described.

Eighth, I claim the intermediate pullies, u, or their equivalent, for the pur-poses as set forth. Ninch, I claim the revolving flagers, i, or their equivalents, in combination with the traveling elastic pullers, for the purposes set forth. Tenth, I claim the brace boards, Y, or their equivalent, for the purposes set forth and substantially as described. Eleventh, I claim so constructing that portion of the frame upon which the pullers are situated as to form an open space through which the crop may pass unimpeded to the platform, substantially as described. Tweitth, I claim attaching the intermediate pulleys, u, in such a manner that they may be so adjusted as to produce any desfred degree of pressure upon the crop between the belts, substantially as described.

RE-ISSUES.

4.—SHEARS.—Barnard, Son & Co., Waterbury, Conn., as-signor to Wm. B. Barnard. Patented Dec. 27, 1864. Reissued March 27, 1866. 2,474.-

Neissuea March 21, 1000. We claim uniting the blades and handles of shears, lamp trimmers and simi-lar instruments by means of one or more rivets homogeneous with said han-dles, in combination with a rebate or recess of any suitable form, made in the end of the handle to receive the inner end or tang of the blade when the should are or inner edge of the recess does not project above the face of said tang after it has been properly secured therein, all substantially in the man-ner and for the purpose herein set forth.

2.475.—POCKET BOOK.—J. Frederick Dubber, Brooklyn, N. Y.

Patented Jan. 10, 1865. Iclaim apocket book or other similar article provided with one or more strips, d, of steel or other elastic material, in the edge or edges of its closing flap, e, substantially as and for the purpose described.

2,476.—HEATING STOVE.—Samuel B. Sexton, Baltimore, Md. Patented April 19, 1859. Reissued Dec. 3, 1861. Again

Patented April 19, 1859. Reissued Dec. 3, 1861. Again reissued Feb. 6, 1864. Again reissued Sept. 27, 1864. First, I claim a stove for warning or heating purposes construction mentioned in my arst claim and the additional feature of the line and second s

2,575.-FOOR OILCLOTH.-Hugh Christie, Morrisania, N. Y. 2,576.—EDGES OF BOOKS.—John H. Crowell, Providence, R. I.

2,574.—Cook's STOVE.—Garretson Smith and Henry Brown

(assignor to Leibrandt & McDowell), Philadelphia, Pa.

DESIGNS 2,572.—Ornament for Hats and Dresses.—Mary A. Law-

2,573.—TOBACCO PIPE.—Louis Saarback, Philadelphia, Pa.

rence, New York City.

2,577, 2,578.— RINTERS' TYPE.—Julius Herriet (assignor to David Wolf Bruce), New York City. Two Patents.

2,579, 2,580, 2,581.—FLOOR OILCLOTH.—Charles T. Meyer, Bergen, N. J., assignor to Edward C. Sampson, New York City. Three Patents.

2,582.—Coffee Strainer.—Anthony Shafer and Alexander Barckley, Philadelphia, Pa.

EXTENSION NOTICES.

William H. Johnson, of Springfield, Mass., having petitioned for the extension of a patent granted to him the 7th day of March, 1854, and patented in England the 21st day of April 1853, for an improvement in sewing machines, for seven years from the expiration of said patent, which takes place on the 21st day of April, 1867, it is ordered that the said petition be heard at the Patent Office on Monday the 15th day of April next.

Lauren Ward, administrator of the estate of Richard Ward, deceased, of Naugatuck, Conn, having petitioned for the extension of a patent granted to the said Lauren Ward as said administrator on the 28th day of June, 1853, for an improvement in machines for turning irregular forms; for seven years from the expiration of said patent, which takes place on the 28th day of June, 1867 it is ordered that the said petition be heard at the Patent Office on Monday