41,233.—Saddle Bag and Medicine Case.—Hyla H. Peacock, Philadelphia, Pa. Ante-dated Dec. 20, 1863:
I claim, first, The combination of the within-described cases with the strap, A, each case being composed of the two portions, B and B, hinged together and arranged to open, substantially as set forth for the purpose specified.

Second, The metal clasps, a a, arranged within a case for the reception and retention of bottles, substantially as and for the purpose described.

described.

41,234.—Machine to Print Addresses on Newspapers.—

Milo Peck and Charles Peck, New Haven, and Robert W. Wright, Orange, Conn.:

First, We claim the type or address blocks with beveled edges or the equivalent therefor, so arranged that when set up in a galley the blocks themselves constitute a ratchet by which the galley may befed forward at regular intervals.

Second, We also claim the arrangement of wooden type or address block in columns or galleys, in such manner that while one side of the column forms a continuous ratchet of which each block is a tooth, as described, the other side or end of the blocks may form an irregular ratchet, operating only when a block contabing a particular name or address is reached at any interval, substantially as described.

name or address is reached at any interval, substantially as described.

Third, We claim the binder, Fig. 6, in combination with the address blocks and galley, when used in the manner and for the purpose

set fort.

Fourth, We claim the movable shield, p, in combination with the dog, k, the type or name blocks and the galley or their equivalents, as herein set forth.

ifth, We also claim the feed lever, a a', with the platen arm, d, the feed slide, h, and the dog, k, in combination with the wooden type blocks, when the blocks are so arranged in galleys as to form a ratchet moving at regulated intervals, substantially as described.

Al, 235.—Cable Stopper.—G. S. Perkins, Essex, Mass.: I claim the cable stopper composed of a lever, A., furnished with pair of daws, b b, as described, and to be applied in connection with the cable and with a shackle or its equivalent, substantially as herei

specified.
Second, The prongs, c., and pin, d, in combination with the prongs b b, of the lever, A, substantially as and for the purpose herein seforth.

(This invention consists in a cable stopper of improved construction) tion, whereby greater facility is afforded for slipping the cable and a vessel is enabled to get under way more expeditiously.]

41,236.—Sash-supporter and Lock.—Washburn Race Lockport, N. Y.:

Lockport, N. Y.:
I claim as a new article of manufacture the combined sash-supporter and lock, C, consisting of the enlarged eccentric or stop, c,
and the arms, d d', the same being situated at the top of the lower
sash, B, and arranged relatively with it, as herein set forth.

41,237.—Artificial Leg.—John Reichenbach, Pittsburgh, Pa.:

Pa.:
I claim, first, Forming the ankle joint by means of a hook and eye, or ring, on eattached to the foot, the other to the end of the leg, forming an universal joint, in combination with springs of india-rubber or other elastic material placed in the cavity of the foot for the purpose of allowing the requisite motion of the foot or with sufficient elasticity of tread, substantially as described.

Second, The mode of regulating the length of the leg from the knee to the sole of the foot by means of the hook and eye bolts, c and k, furnished with screw nuts, n n', in combination with the india-rubber springs, il, substantially as described.

Third, So constructing the ankle joint, substantially as described.

Third, So constructing the ankle joint, substantially as described, as that when the lg has been turned on its axis in the foot the foot shall be automatic lly restored to its normal position in relation to the leg, when raised from the ground, by means of the combination of the hook and eye joint and india-rubber springs.

of the nook and eye joint and india-rubber springs.

41,238.—Artificial Leg.—John Reichenbach, Pittsburgh, Pa.:
I claim, first, Constructing the knee of two hemispherical pieces, one attached to the thigh piece and the other to the leg piece, each working in a socket in that portion of the leg to which it is not attached and connected together by a center or joint pin, substantially see described.

working in a socket in that portion of the beginning in substantially as described.

Second, The was of a grooved pulley or disk, turning on the center or joint pin of the knee, for guiding the extensor cord, in its passage over the cap of the knee, substantially as and for the purpose hereinbefore specified.

Third, The combination of the hemispherical joint pieces, g g', one attached to the thigh and the other to the leg, each working in a cupshape d socket in that portion of the leg to which it is not attached with the hinge pieces, d d', and hinge pin, e, either with or without the disk or pulley for the extensor cord the whole being constructed and arranged substantially as hereinbefore described.

Fourth, Also the use of an extensor cord attached to the leg piece below the knee, and extending over the pulley, f, over the cap of the knee, and thence passing up through the thigh, and having its origin in or being attached to a strap passed around the walst of the wearer and otherwise firmly secured to his body, so that by fixing the straightening of the thigh outward from the body the extensor ord is still-ciently loosened to allow of the fixures of the knee joint, and straightening the extensor cord may be drawn tight, thereby straightening out the leg at the knee joint, substantially as described.

41,239.—Machine for Cutting Tags on Shoe Laces.—F. J.

41,239.—Machine for Cutting Tags on Shoe Laces.—F. J. Seymour, Wolcottville, Conn.:
Iclaim, first, The notched cutters, h and i, receiving the double-tagged braid on a diagonal position, and compressing and separating such double tags, subs antially as specified.
Second, I claim the yielding comb, n, in combination with the cutters that separate the doubled-tagged braid, a bosan tially as specified.
Third, I claim the guide hole, f, in combination with the presser or clamp, g, for the purpose and as specified.

41,240.—Blacksmith's Truyere.—William Sharp, Millport

41,241.—Sizing and Water-proofing Paper, &c.—J. N. Sigel, Alexand ia, Va.:

I claim the process above described for treating fibrous materials to render them water-proof and increase their strength and durability.

[This process consists in the application to paper or other fi-brous material of a solution made from any suitableresinous gum which has previously been purified to remove its oily or viscid prop-

41,242.—Breech-loading Fire-arm.—W. X. Stevens, Worcester, Mass.:
I claim, first, Operating a breech block, C, working transversely to the bore of the piece by means of a sliding rod, I, or its equivalent working longitudinally within the breech frame and combined with the said block by means of a stud and inclined groove, or other devices having a similar wedge-like action, substantially as herein specified.

devices naving a similar reasonate specified. Second, So constructing such sliding rod, I, or equivalent, and applying it in combination with the breech block, C, as to enable it to enter a no chin the said block, and so ser e the additional purpose of securing the said block in position for firing, substantially as herein

securing the said block in position for uring, substantially as described.

Third, The combination with each other and with the sliding rod, I, or its equivalent of the spring locking plu, b, and the elbow lever, J, substantially as and for the purpose herein described.

Fourth, So applying a movable stop pin, k, or its equivalent that it serves at the same time to stop the opening movement of the breech, and as the means of preventing the withdrawal of the said block from the frame, and by a suitable movement will permit such withdrawal, substantially as herein described.

Fifth, The loose nipple, N, having a movement endwise to enable it to be suitably operated by the hammer to produce the explosion of a fixed ammunition cartidge, and yet capable of conveying fire to a charge from an ordinary cap, substantially as herein described.

41,243.—Fastening for Surgical Instruments.—George Tieman, Brooklyn, N. Y.
I claim the turning fastener or button, applied to surgical and other instruments to retain them in position when opened out of a handle, as and for the purposes specified.

41,241.—Coal Scuttle.—W. B. Treadwell, Albany, N. Y.: I claim, first, A coal scuttle or bucket constructed with an oval lu-

stead of elliptical bottom plate, a, an extended and contracted channeled mouth, A, and a semicircular back, substantially as described.

Second, I claim in combination the oval flange base, C, oval bottom plate, a, and oval body. A a' b, as presented in figures I and 2 for the purposes described.

Third, Inclining the oval bottom plate, a, backward from the base of the channel, b, in combination with a longitudinally-extended and laterally-contracted mouth. A, substantially as de cribed.

Fourth, I claim the two side fenders, D D, so applied to the scuttle mouth as to admit of the use of a poker when necessary to prevent said mouth from choking up with coal in emptying the scuttle, substantially as described.

Fifth, A coal scuttle constructed in all particulars substantially as herein described.

herein described.

41,245.—Directing Guns by Adjustable Ports.—Richard Trussel, Brooklyn, N. Y.:

I claim, first, The combination of the port slide, B, applied outside of the embrasures and the self-closing port stopper opening outward by the running out of the gun, substantially as herein described. Second, Elevating and depressing the gun by applying the necesary power to raise and lower the port slide by means of racks and pinions or their equivalents, substantially as herein specified.

41,246.—Leather and Rubber Soling.—G. F. Udell and Henry Mayell, Albany, N. Y.:

We claim the combination of leather in sides or large sheets with india-rubber soling, as described in the above specification, being a new and useful article of manufacture.

41,247.-Lock.-Rodolphus L. Webb, West Meriden,

Conn.:

I claim, first, A tumbler, d, fitted loosely between the latch plates n combination with a swivel spindle latch, g c, substantially as and or the purpose described.

Second, I claim the surrangement of the spindle, g, spring, h, studs, y, yoke, e, and tumbler, d, operating substantially as and for the purpose described.

pose described.

41,248.—Machine for Dressing Barrel Heads.—Peter Welch, Oswego, N. Y.

I claim, first, The combination and arrangement in the manner described of the foot rod, O', lever, I', shaft, J', and clamp, D', for the purpose specified.

Second, The modes pecified of throwing the feed into and out of gear by the combination of the clutch, I J, fork, P, rod, Q, and fork, R, constructed, operated and operating substantially in the manner described.

described. Third, The adjustable gages, C'D', attached in the manner set forth to the rod, O', and arranged and operated substantially as spe-

cined.

41,249.—Machine for Chamfering and Crozing Barrels.
—Peter Welch, Oswego, N. Y.:
Iclaim the new and improved mode of imparting the feed motion to the crozing and other tools, as hereinbefore get forth, the ame consisting in the combination of the station are fevel wheel, P, with the wheel, R, shaft, S, worm, T, feed wheel, U, pins, f g, and sildes, V and W, constructed, arranged and operating substantially in the manner described.

manner described.

41,250.—Burning, Roasting and Smelting Ores.—J. D. Whelpley, and J. J. Storer, Boston, Mass.:

We claim, first, The heating and immediate quenching in water of finely-pulverized ores, substantially as described.

Second, The perpendicular, expanding flues, C, substantially as and for the purposes described.

Third, The horizontal, or nearly horizontal, flue, D, in combination with the flue, C, substantially as and for the purpose set forth.

Fourth, The combination of two or more furnaces with a perpendicular, expanding flue, substantially as set forth and forthe purpose described.

described.

Fifth, The auxiliary chimneys, K K', over the furnace fires, for the relief of the fires during the process of kindling and extinguishing, substantially as described.

Sixth, The side openings in the perpendicular flue, at graduated distances, with brick or iron removable stopper, substantially as efforth, for the purpose of inspection and the admission of atmospheric air.

air. Seventh, The pouring of the material to be burned or roasted in the side hop per or air feed hole of a fan blower for induction into the furnace, in combination with the second blower, substantially as ar for the purpose described.

furnace, In combination with the second blower, substantially as and for the purpose described.

Eighth, The projection of a perpendicular blast from a fan blower down through the top of the furnace and perpendicular expanding flue, carrying the material to be burned or roasted, substantially as described.

Ninth, The combination of two blowers, one at the head or above, and the other below in the horizontal flue, to produce a balanced blast, substantially as described.

Tenth, T e use of a water bath, or a wet hearth, commencing at the bottom of the perpendicular faue and extending along the horizontal flue, substantially as and for the purpose described.

Eleventh, The use of the spray chamber, G, and feeding the same with water by an induction pipe or sluice from the top or side, substantially as and for the purpose described.

Twelfth, Connecting the pool of water in the spray chamber, by a circuit or canal, with the water external to the furnace, for the purpose of making a continual circulation, substantially as described.

Thirteenth, Supporting the drop chimney, C, and horizontal flue, D, on piers and arches, in a tank or trough, so that the surface of the water therein may in effect form a bottom to said chimney and flue and allow the deposits to be raked out under said arches, without opening the furnace or affecting the draft, substantially as described.

opening the furnace or affecting the draft, substantially as described.

41,251.—Machine for Making Horse-shoe Nails.—Amos Whittemore, Cambridgeport, Mass.:

I claim, first, a reciprocating furnace, in combination with nippers, operating substantially as and for the purpose described.

Second, Applying the thrusting nippers which hold the rod during its forward movement to a reciprocating furnace, in combination with nippers applied to the frame of themachine, substantially as and for the purposes described.

Third, A reciprocating nail rod heating furnace, substantially as described.

scribed.

41,252.—Nut and Washer Machine.—J. T. Wood and E. C. Smith, Pittsburgh, Pa.:

We claim, first, Rolling and partially perforating the nut blanks on both faces, before the nuts are severed from the bar, and preventing the bar from spreading laterally during the perforation, by means of a pair of rollers, one having a projecting belt fitting into a groove in the other, and finished with short punches or bosses, substantially as described.

Second, Also the use, in combination with the rollers constructed as above described, of the round punch, I, and dies, h and k, and die block, c', for the purpose of making finished nuts, substantially as bereinbefore described.

41,253.—Apparatus for Evaporating and Refining Sugar.
J. E. Youngman, Rockford, Ill.;
First, I claim the furnaces, A, B, C and C', arranged as and for the purpose set forth.

purpose set forth. Second, I claim the arrangement of the dampers, a a', and b b', in combination with the furnaces, A, B, C and C', for the purpose herein

pecified.
Third, I claim the dampers, c, d and e, in combination with the ugs, E and F, when arranged and operating as described.
Fourth, I claim the perforated spouts, K and N, in connection, with the spouts, K and N, for the objects and purposes set forth.
Fifth, I claim the bordered heaters, Nos. 5 and 6, for the purpose servibed.

described. Sixth, I claim the reservoir, J, for receiving the fluid part of the scum, as specified.

41,254.—Loom.—Caspar Zwicki, Pittsburgh, Penn.:
I claim the arrangement of the cams, a b, on the shaft, B, and of the cams, J K, upon the shaft, G, said shaft, B, having two revolutions to one of the shaft, G, and the cams of both shafts acting upon the rocking shafts, g, h, to work alternately and move out of action alternately the picker staves, substantially as described.

alternately the picker staves, substantially as described.

41,255.—Collar for Lamp.—J. C. Beers (assignor to himself and P. C. Skidmore), of Brooklyn, N. Y.:

I claim the combination of the part, C, with the ferule, by direct attachment, which allows the lamp to be opened sufficiently to all it, substantially as and for the purpose set forth.

41,256.—Heater.—Henry L. Budd (assignor to himself and George H. Thorp), of New York city:

I claim, first, The case, f, at the rear of the fire-pot, in combination with the dampers, g and h, and pipe, I, as and for the purpose specified.

fied. Second, I claim the plate, p, across the opening, o, of the vessel, m, through which the air circulates, and is, by said plate, divided and

caused to enter the room or pass away by the hot air flue, as specified. Third, I claim the half owers, q and r, united together and acting as specified, in combination with the plate, p, to direct the heated air

41,257.—Tire-Upsetting Machine.—L. A. Dole (assignor to himself and A. B. Silver), of Salem, Ohio:
I claim, first, Making the wrought-metal key retainers of the tire-upsetting machine, with a contracted slotted portion, a, terminating in an enlarged eye, b, for the purposes described.
Second, The use of transver e wedge keys with v edges, in combination with the wrought-metal loops, A, applied to the anvil, B, substantially as described.

-Plane for Jointing Table Leaves.-T. P. Gran-r (assignor to himself and Josiah Best), of Peca-

ger (assignor to himself and Josiah Best), of Peca-tonica, Illinois: claim the herein-described series of planes for setting table joints, same being constructed and used in the manner and for the pur-ie herein set forth.

pose herein set forth.

41,259.—Composition for Percussion Caps, &c.—Heinrich Hochstatter, of Lauzen, Hesse Darmstadt, assignor to William Lange and Ferdinand W. Sennwald, of St. Louis, Mo.:

I claim the application of chloride of lead, compounded as described herein, as an explosive mass for the ignition of gunpowder.

41,260.—Hat.—Frank Howard, of Boston, Mass., assignor to Vyse & Sons, of New York city:
I claim a hat brim prepared and constructed substantially as herein described.

in described.

41,261.—Hat.—Robert B. Hurd, of Paterson, N. J., and William Halladay of Brooklyn, N. Y., assignors to themselves and John S. Giles, of New York city: We claim a hat composed of buckram, covered with plush felt, the whole combined and constructed substantially as herein described.

whole combined and constructed substantially as herein described.

41,262.—Device for Shrinking Tires.—Joseph Olmstead
(assignor to T. P. Dinsmore), of Chicago, Ill.:

I claim the arrangements of the brackets, e e', projecting from the ends of the eccentric, D, in combination with the wrist pin, d, pit mans, E E', and hand lever, F, constructed and operating as and for the purpose shown and de cribed.

[This invention is intended as an improvment on that class of tire-hrinkers in which the bar of iron to be shrunk, after having been heated, is secured on two blocks, one stationary and the other movable and hy foreign the movable toward the stationary block, the opable, and by forcing the movable toward the stationary block, the operation of shrinking is effected.]

41,263.—Corn Planter.—William F. Osgood (assignor to Orin F. Osgood), of Lowell, Mass.:
I claim the arrangement of the spring bar, F. constructed as shown, with the wheel, c, rollers, i, and slides, E H, in the manner herein described.

[This invention relates to a new and improved seeding machine for planting seed in either hills ordrills. The object of the invention is to politain a simple machine for the purpose specified, which may, by a very simple adjustment be made to plant the seed in either hills or drills, and also be very readily adapted for planting different kinds of seed or seed of different sizes.]

41,264.—Washing Machine.—D'Arcy Porter (assignor himself and J. H. Woodman), of Cleveland, Ohio ranged as described, in combination with the springs, K, and flur roller, C, the several parte operating substantially as and for the pose herein set fort.

pose nerein set fort.
41,265.—Sugar Mill.—Luther E. Porter, of Lake Mills, Wis., assignor to E. W. Skinner, of Madison, Wis.: First, I claim the combination and arrangement of the roller, A, the adju table journal box, D, with a lever or combination of levers, operating substantially as and for the purposes herein specified and shown.

shown.

Second, I claim, in combination with said adjustable box and levers, the employment of the sliding fulcrum, G, arranged and operating as and for the purposes herein shown and described.

rating as and for the purposes herein shown and described.

41,266.—Apple-Parer.—E. L. Pratt-(28signor to George R. Carter) of Boston, Mass., and D. H. Goodell, of Antrim, N. H.:

I claim the manner of operating the fork and knife of the applearing machine, by applying them to radial arms, d h, made to revolve around and to operate in conjunction with a wheel or ring, a, substantially as and for the purpose set forth. I also claim so applying the merhanism which operates the knife that while the apple is rotating on its fork, the progressive movement of theparer can be arrested in the manner specified.

41,267.—Buckle.—John Stevens (assignor to himself, Achille F. Migeonand Franklin Farrel), of New York city:

city:
I claim first, Thetongue, a, formed as a bent lever by locating the fulcrum, c, above the strap, so that the tongue, a, shall claim the strap as specified.
Second, I claim forming the buckle tongue or frame of sheet metal, bent up and united by the fulcrum or cross pin, as specified.

REISSUES.

REISSUES.

1,603.—Method of Fitting the Heaving Socket and Head of Windlass.—Charles Perley, of New York city. Patented Nov. 13, 1849, and extended:

I claim, first, a windlass head fitted at the inner end upon a polygonal boss that is attached to the s aft or spindle, whereby the head can be easily removed as set forth.

Second, I claim a hand spike heaver fitted to take the teeth at the inner or larger end of the windlass, head, substantially as and for the purposes specified.

purposes specified.

1,604.—Ship's Capstan and Windlass.—Joseph P. Manton, William H. Reynolds, Francis W. Reynolds, and William H. Taylor, of Providence, R. I., assignees by mesne assignments of James Emerson, of Worcester, Mass. Patented June 17, 1856:

We claim, first, The combination, substantially as described, of a friction brake with the independent chain wheel or "wild cat" of a ship's windlass or capstan, for the purpose of controlling the paying out of the cable of the vessel directly from the chain locker.

Second, The double or divided windlass or capstan, arranged for operation in the manner specified, and consisting of an upper hand operative portion of the body or capstan proper, 0, and under loose portion of said body, H, the former being capable of working indepently of the latter or in connection with E, at pleasure, substantially as herein described.

DESIGN.

1,883.—Design for a Bottle.—George Scott, of New York



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the past seventeen years. Statistics show that nearly ONE-THIRD of all cations made for patents in the United States are solicited through this office; while nearly THREE-FOURTHS of all the patents taken in foreign countries are procured through the same source. It is almost needless to add that, after seventen years' experience in paring specifications and drawings for the United States Patent Of the proprietors of the SCIENTIFIC AMERICAN are perfectly con versant with the preparation of applications in the best manner, and the transaction of all business before the Patent Office; but they take pleasure in presenting the annexed testimonials from the three last ex-Commissioners of Patents :-

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Judge Mason was succeeded by that eminent patriot and statesman, Hon. Joseph Holt, whose administration of the Patent Office was so distinguished that, upon the death of Gov. Brown, he was appointed to the office of Postmaster-General of the United States. Soon after entering upon his new duties, in March, 1259, he addressed to us the following very gratifying letter:

MESSRS. MUNN & CO.:—It affords me much pleasure to bear testimony to the able and efficient manner in which you discharged your duties as Solicitors of Patents, while I had the honor of holding the office of Commissioner. Your business was very large, and you sustained Gand I doubt not justiy deserved the reputation of energy marked ability, and uncompromising fidelity in performing your professional engagements.

Very respectfully, your obedient servant,

Hon. Wm. D. Bishop, late Member of Congress from Connectiont,

J. HOLT.

Hon. Wm. D. Bishop, late Member of Congress from Connecticut, succeeded Mr. Holtas Commissioner of Patents. Upon resigning the office he wrote to us as follows:

MESSRS. MUNN & Co. :—It gives me much pleasure to say that, during the time of my holding the office of Commissioner of Patents, a very large proportion of the business of inventors before the Patent Office was transacted through your agency; and that I have ever found you faithful and devoted to the interests of your clients, as well as eminently qualified to perform the duties of Patent Attorneys with skill and accuracy.

Very respectfully, your obedient servant, Wm. D. Bishop.

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Persons having conceived an idea which they think may b able, are advised to make a sketch or model of their invention, and submit it to us, with a full description, for advice. The points of novelty are carefully examined, and a written reply, corresponding with the facts, is promptly sent, free of charge. Address MUNN & CO., No. 37 Park Row, New York.

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Every applicant for a patent must furnish a model of his invention if susceptible of one; or, if the invention is a chemical production, he must furnish samples of the ingredients of which his composition consists, for the Patent Office. These should be securely packed, the inventor's name marked on them, and sent, with the Governmen fees, by express. The express charge should be pre-paid. Small models from a distance can often be sent cheaper by mail. The safest way to remit money is by a drafton New York, payable to the order of Messrs MUNN & CO. Persons who live in a contact of the safest way to the content of the safest way to remit money is a contact of the safest way to remit money is by a drafton New York, payable to the order of Messrs MUNN & CO. safest way to remit money is by a drafton New York, payable to the order of Messrs MUNN & CO. Persons who live in remote parts of the country can usually purchase drafts from their merchants on their New York correspondents; but, if not convenient to do so, there is but little risk in sending bank bills by mail, having the letter registered by the postmaster. Address MUNN & CO., No. 37 Park Row,

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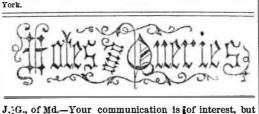
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J. W., of Ohio.—You can obtain hydrometers for testing the strength of dye liquors in every city in the Union. They are sold by dealers in philosophical and chemical instruments. There som by dealers in pinnospinear and telement institutions. There is no book published, exclusively devoted to the treatment of water; but you can find all the information you want on the subjectin any good elementary work on chemistry

W. T. & Son, of Ohio.—The only water extractors that we have seen used for cloth in dyeworks are of the rotary character. with sides of wire gauze. None of the common concents will resist the action of acids, soaps[and alkalies that are thrown upon the floor of a dychouse. Such floors should always be laid close to the

H. & G., of Pa.—We must refer you to the patentees. Shaw & Linton, for information as to the details of their plan fo burning petroleum as fuelin steam boilers; we know nothing about

J. D. W., of Ill.-Let the steam blow directly into the water of your bath; that is the quickest way to heat it. It is possible that your boiler is not large enough. A gallon of water converted into steam should raise five gallons of water [theoretically] to the boiling point.

N. N. D., of Mass.—Percussion pellets are composed of a mixture of the chlorate of potash, some sulphur and a little varnish or glue. They may also be made with the fulminate of mer cury, some sulphur and a little varnish.

S. S., of Pa.-We do not think a patent has been allowed in this country for Aberdeen's method of uniting joints or seams. You could patent the device, providing you could prove priority of claim over the date of his foreign patent. Your subscription will ex-

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A. C., of N. Y., \$28; G. W. W., of N. Y., \$14; A. E. McG., of Minn.; A. C., of N. Y., \$23; G. W. W., of N. Y., \$14; A. E. McG., of Minn.; \$20; E. P., of Mass., \$20; J. S. G., of Mich., \$20; A. P. C., of N. Y., \$20; T. J. K., of Ohio \$20; P. & G. K., of Mass., \$45; G. B. B., of Ind., \$16; S. M., of N. Y., \$41; J. R., of N. Y., \$16; J. M. M., of N. Y., \$10; T. & L., of N. J., \$16; T. & T., of N. Y., \$886; C. S. M., of N. S., \$16; W. H., of Pa., \$25; J. C. B., of N. J., \$16; M. B. W., of Conn., \$25; M. H. M., of Ohio, \$25; A. A., of Cal., \$30; C. R., of Ky., \$16; M. S., of Mo., \$16; S. D. E., of Penn., \$16; C. B. H. of Mass, \$33; J. P., of N. Y., \$40; T. & R., of Ill., \$20; J. S., of Ill., \$25; G. F., of Conn., \$16; A. P., of Chill, \$25; A. P. S., of N. Y., \$25; C. R. S., of N. H., \$20; J. S., of N. Y., \$20; A. C. C., of N. Y., \$20; J. C.R. S., of N. H., \$20; J. S., of N. Y., \$20; A. C. C., of N. Y., \$20; J. W., of Iowa \$45; E. H., of N. Y., \$60; J S. U., of N. Y., \$26; J. D., of N. Y., \$16; A. A. H., of N. Y., \$41; J. C., of N. Y., \$16; C. V. M., of N. J., \$16; C. D., of N. Y., \$16; J. L. H., of Mass., \$25; C. M. W., of N. J., \$16; W. H. W., of N. H., \$16; H. S. S., of Mass., \$25; M. L., of Penn., \$22; R. W. P., of Mass., \$16; C. F., of Ill., \$53; G. H. S., of Conn., \$25; R. S. H., of Iowa \$20; W. & P., of N. Y., \$41; P. C. C., of Cal., \$20; C. T. of N. J. \$25; S. D. T. of Mass., \$25; J. T. of Ind. Conn., \$25; R. S. H., of Iowa \$20; W. & P., of N. Y., \$41; P. C. C., of Cal., \$30; C. T., of N. J., \$25; S. D. T., of Mass., \$25; J. T. of Ind., \$25; G. M., of Conn., \$25; S. &:S., of Ill., \$26; A. J. M., of N. Y., \$60; R. W. P., of N. Y., \$25; S. L. H., of N. Y., \$23; L. E. P., of Mich., \$20; R. E., of N. Y., \$41; R. L. S., of Mich., \$20; P. McG., of Iowa, \$20; L. D. B., of Ind., \$20; W. H. W., of Wis., \$20; I. S., of N. Y., \$16; G. H. H., of N. Y., \$46; M. T., of Iows, \$32; J. R., of Ill., \$22; C. T. B., of N. J., \$16; N. H. R., of N. J., \$25; R. T. S., of N. Y., \$61; W. N. B., of Iowa, \$40; W. C., of Mass., \$25; G. S., of Maine, \$25; D. & J. S., of Pa., \$15; J. L. J., of Conn., \$25; J. S. F., of N. T., \$30; F. B., of Ill., \$15; (a, of Minn., \$10; J. L., of Iowa, \$130; J. C., of N. J., \$16; Mrs. S. J. H., of Ind., \$16; J. B., of Ohio, \$15; T. S. M., of Ohio, \$29; L. R., of N. Y., \$1.

Persons having remitted money to this office will please to examine the above list to see that their initials appear in it and if they have not received an acknowledgment by mail, and their initials are not to be found in this list, they will please notify us immediately, stating the amount and how it was sent, whether by mail or express.

Specifications and drawings and models belonging to parties with the following initials have been forwarded to the Patent Office, from Wednesday, Jan. 13, 1864, to Wednesday Jan. 20, 1864:— O. C., of N. Y.; A. P., of Chili; R. W. P., of N. Y.; J. H. of England; G. W. W., of N. Y.; S. M., of N. Y.; S. L. H., of N. Y.; A. P. S., of N. Y.; J. B. H., of R. I. (2 cases); A. A., of Cal.; N. H. R., of N. J.; C. T., of N. J.; I. L. H., of Mass.; A. J. A., of Ill.; G. S., of Me.; G. H. S., of Conn.; M. L., of Pa.; W. H., of Pa.; H. S. S., of Mass.; M. B. W., of Conn.; M. C., of Mass.; J. L. J., of Conn.; J. S. F., of Mass.; M. B. W., of Conn.; W. C., of Mass.; S. D. T., of Mass.; J. T., of Ind.; E. A. C., of France; J. S., of Ill.; G. M., of Conn.; R. S. H., of Iowa; A. J. M., of N. Y. (2 cases); S. and S., of Ill.; T. S. M., of Ohio; J. R. P., of Conn.; R. E., of N. Y. J. S. U., of N. Y.