guide, b, to which the knife, F, is attached, in combination with the frame, \bullet , constructed substantially as described, and operating as and for the purb, constructed substantially as described, and operating as an a for the purposes set forth.

2d. The shaft, e, erank. f. lever, g, crank lever, h, rod, g', lever, h and pawls, i' and j, in combination with wheels. k' and k, ane rollers, m m, sub-

83,316, -Refigerating House.—Thos. L. Rankin, New 83,317.—NAFRIGERATING HOUSE.—THOS. L. RABRII, New Richmond, Oh o I cisim, lst. Ice fo lower, h, constructed and operating substantially as and farthe purposes described.

24. The combination of ice floor, c, and pans, c, c', operating together for the purposes explained.

1 30, The combination of ice floor, c, and follower, h, operating together substantially as and for the purposes explained.

83.317.—VA NISH —Isaac Ranney, Delaware, Ohio.

1 claim, 1st. The varnish compounded substantially as above, described.

24. The process herein set for the of making the above described varnish.

83.318.—FASTENER FOR COLLARS AND NECKTIES.—Emanuel Rau, New York City.

Rau, New York city.

I claim the stud, A, naving an inclined sideslot, g, as described, in combination with the pointed aim, d.e, doubled or joint d at f, and having both a forward and lateral pring, when the parts are constructed to excrate sub-

stantially as described. 83,319.—Elisvator.—John Jay Rea, Cadiz, Ohio.

83,319.—ELISVATOR.—John Jay Rea, Cadiz, Ohio.
I claim the beam, A, books, B B, lorken track, C, provi ed with wheels, D D and E, triger, L, pulley, E, cords, G K I, and weight, H, all combined and operating substantially as herein set forth.

83,320.—STEAM NAFFMTY VALVE.—Geo. W. Richardson, Troy, and Henry W at rman Hudson, N. Y.
We claim, Ist, The lock-up bar or arch, J J, constructed substantially as sbown and escribed.

20 The construction of the branch or escape passage, N, substantially in the mannershown and described, it being so arran-ed as to prevent tampering with the valve or its adjustments.

3. The combination of the valve, A, spring., spider, D D, cap, H, and lock-up bar. J J, substantially as shown and described.

4th, The arrangement of the branch escape passage, N, with reference to the valve, A, an spring, C, and the combination of the valve, A, spring C, spider, D, cap, H, and sustantially as shown and described.

6th, The arrangement of the lock up bar, J J, with reference to the spider, D, b, with reference to the spider, D, b, with reference to the spider, C, spindle, E, and the combination of the overhanging valve, A, spring, C, spindle, E, and the combination of the overhanging valve, A, spring, C, spindle, E, and the combination of the overhanging valve, A, spring, C, spindle, E, and the combination of the overhanging valve, A, spring, C, spindle, E, and the combination of the overhanging valve, A, spring, C, spindle, E, and the combination of the overhanging valve, A, spring, C, spindle, E, and the combination of the overhanging valve, A, spring, C, spindle, E, and the combination of the overhanging valve, A, spring, C, spindle, E, and the combination of the overhanging valve, A, spring, C, spindle, E, and the combination of the overhanging valve, A, spring, C, spindle, E, and the combination of the contraction of the combination of the overhanging valve, A, spring, C, spindle, E, and the combination of the coverhanging valve, A, spring, C, spindle, E, and the contraction of the coverh

substantially as flown.

7th. The combination of the overhanging valve, A, spring, C, spindle, E, and solder, D, or is equivalent, substantially as shown and described.

83,321.—RAH.WAY CAR BRAKE. Martin H. Rumpf, Paris, France. Patented in France Oct. 17, 1867.

I claim the combination with a brake uspended as described, of a sliding or rotating shaft, or a chain for aising and lowering the brake, either the staff or chain being operated by any suitable mechanism, substantially as herein set forth and shown.

83,322.—MACLINEE FOR SUARDERING THE CHETTERS OF MOW.

83,322.--Machine for Sharpening the Cutters of Mow-ING MACHINES.—Gelston Sanford, Bergen Point, N. J. I leave the combination, with the nolding bed, I, of a reciprocating their, arranged for adjustment relative to one another, substantially as 4 for the purpose set for the standard of the substantially as 2d, the combination, with the holding bed, I, of the adjustable arms, L,

2d, The combination, with the holding bed, I, of the adjustable arms, L, substantially as a d or the purpos described.

3d, the commination, with the bed, A, of the holding bed, I, and reciprocating stone, D, substantially as a d for the purpose set forth.

4th. The bed, B provided with the ways, C, trough, B, and sponges, Q, substantially as and for the purpose set forth.

5th, The arrangement of the silving stone, D, connecting rod, G, crank shaft, H, and stone, P, substantially as and for the purpose set forth.

6th. The combination, with the reciprocating some, D, of the presser wheel, O, subtantially as and for the purpose set forth.

83,323.—DINNER PAIL.—Moritz Saulson, Troy, N. Y. Iclaim the combination of the pail, A, inner vessel, B, arranged in the upper part of the pail, pan, C, in the upper part of the inter vessel, and cover, D, extended cown outside of the pail, hare vessel, and pal, as herein described.

scribed Also, the combination, with the pail, A. and inner vessel, B. of the removable wire sping, K, and groove or grooves, L, formed and arranged substantially as and for the purpose herein set for th.

Also, the combination, with the pail, A, and outside surrounding cover, D, of the cores. s. rr, and wire-like spring bail, Nu, formed and arranged substantially as and for the purposes herein shown and esceribed.

83,324—SAWING MACHINE—F'. M. Schaeffer, Blooming

83,324—Sawing Machine—F. M. Schaeffer, Blooming Grove, Kansus.

I claim, 1st. The arrangement of the guides, M. M. and springs, m. m., with relation to the guides, G., and the saw, whereby said guides. M. move indepinde its of each other, to ores upon the log bear a sawed, as herein described, f. the purp se pection.

2d. The guides of a recuprocating saw, su ported on an adjustable oscillating plate or support, K. sunstantially as and for the purpose described.

3d. The cumulation, with the plate, K. and the saw guides, of the lazy tongs, 1, for the purpose of connecting the guides to the oscillating plate, and admitting of her using and falling monor required by the saw late, and admitting of her using and falling monor required by the saw late, at the passage through the log, substantially as and for the purpose described.

4th, The swinging block support, Q, arranged as escribed, in combination with the log bed, substantially as and for the purpose described.

83,325— AASHING MACHINE.—Jerome Scott. Charleston. Pa. I claim the swinging oncaet, D, as arranged and connected, by means of the arms K, with the press board, H, and op rated by the levers, F, and handle, E, substantially in the manner a., of for the purposes herein shown and de cribed.

-Horse Rake.—Nicholas Selby, Flora. Ill.

I claim, 1st, The arrangement of the hinged trade, c, carrying the revolving take within the rectangular balanced frame, a a a a, all constructed and combined to operate substantially as and for the purposes herein shown and

described.

24. The notched trip stick, ur, when hinged to the front cross bar of the front, and combined with a spring, w, whereby said stick, *, is actuated downward, and held in contact with the rake head, as herein shown and described. ed.
The described arrangement of the pivoted lever, k, link, l, and stirrup
n, with relation to the rectangular balanced frame, a, and hinged rake

ILE, n, with relation to the rectangular balanced frame, a, and hinged rake frame, c, as herein shown for the purpose set forth.

83 327.—Pir T. Br.— Nancy M. Sheldon, Chatham, Conn.

1 claim, a, an article of manufacture, the cone-shaped tube, A, provided near its loter edge with a series of holes, a a, substantially as and for the purposes herein set forth.

83.328.—Inkstand.—Wm. G Shattuck, Boston, Mass.

83.328.—INKSTAND.—Wm. G Shattuck, Boston, Mass. I claim the combination, with the lik well and its metallic caseand cover, applied to a cess or like artil le, in the manuer describes, of a nut. E. arranged to bold shat lik well and case in place, substantially as herein set for in.
83.329.—Wash BOILSR. Allen Sherwood, Auburn, N. Y.
I claim, in a clothes washer, the wooden perforated float, B. provided with a metal flarg.—C, tunes, I, and, at its center, with a circular bole, covered with wire gauze, over which hole! place a tapering cylinder, D, provided a its ipperend ith a cheular perforated box, E, all constructed and operating substantially as and for the purposes herein set forth.
83,330. STOP nOTION FOR WARPING MACHINE.—J. Slegrist, N. W. Y. F. K. C.Y.
I claim, in combination with the weights, G, suspended on or from the yams, the balanced frame, H I J and K, arranged for operation by said weights, revolving shatt or drum, L, provided with a lifter, f, and belt shifter for throwing the yam beam out of gear, all for action together, substantially as specified.

as specified.
83,331.—SPINDLE FOR SHUTTLES.—C. E. Smith (assignor to bimself, J. S. Jaques, and F. T. Jaques), Lowell, Mass. ciaim a split shut-lespindle, notched or serated on both sides, or on its ire circumference, substantially as and for the purposes set forth.

entire circumference, substantially as and for the purposes set forth.

83,322. D. VICE FOR FASTENING SHIRT COLLARS.—P. W. Smith, Chicoppe Falls, Mass.

I claim the combination of the plate. A, necks, a and b, with oblong and circular flanges. B and C, and pin, D. the parts bein constructed and arrange d substantially in the manner and for the purposes set forth.

83,333. SOFA B. DSTEAD.—B. L. SOULDER, New YORK City.

I claim the seat, D. siding in groove, a, of the arm rests, B, and hinged at its rear edge to the back. E. which back is held up to the arm rests, B, by the catches, e. and projections, f, all operating as described, whereby the back is turned down the oa horizontal position and then drawn forward into the the groov s, a, with the seat, D, until arrest d by the projection f, whereby a continuous bed bottom is form. c. as herein shown and described.

83,334.—4 OMBINED SEBDER AND CULTIVATOR.—Lucus Stadler, Bowen, Ill.

ler, Bowen, Ill.
I claim, 1st, The knives, G, constructed and operating substantially as and be purposes set forth.

Combining in one machine the knives, G, the seed-sowing box, D, and nreakers, F, cultivator plows, K, and harrow, O, substantially as

specified.

3d, A see a sowing cultivating, and horrowing machine, having seed box.

D. cylinder, E, cranks, s. a, pumen, b. b, cranks, d, sed breakers, F, knives, G, roller, H, pins, n, plows, K, lever, S, and harrow, O, constructed and arranged substantially as specified.

83.335.—Bes Hive.—Upton Stansbury, Plymouth, Ind.

being the first the freeding bewes, C. C. closed at their sides and ends, and slotten at the top and bottom and provided with small glass windows and entrances and connected to the clears, c. c. of box, A, by means of their grooved sides as herein set forth.

2d, The arrangement of the outside box. A, with the breeding boxes, C. C, honey hoves, 1) D, and side screens, a and n, substantially as and for the purposes herein set forth.

BALANCE SLIDE VALVE.-William M. Stevenson,

Sharon, Pa. I claim a steam valve.constructed as described, with a cavity, d. between the walks as, and with wacking strips, we in srooves on the ton of the walks as, steam being admitted through holes, 1. undersaid scrips, pressing them up against the cap of the steam chest, substantially as and for the purpose herein set torth.

83,337.—Weather-board Gages.—W. E. Stoddard, Fort

Edward, N. Y.

I claim the combined weater-board gage and scribe, consisting of arms, A
B, slice, E, the spin-pivoted block, H, hinged bar, I, sliding block, J, and
slotted knile, K, all constructed and arranged to operate as her in shown and

83 338.—Corn Planter.—D. F. Taft, New Bedford, Mass I claim, 1st, The rock shaft J, levers, g I, and disk, e.in combination with the cords, b 1, section, M, angular lever, H, and cam. L, attached by a rod to the disk, e, all opera ling as described whereby the partial rotation of the rock shaft throws the seeding device out of gengand folds back the discharge spout simultaneously, substantially as b rein shown and described.

2d, The binged section, M, of the joined spout, in combination with the pin, 1, notched bar, P, and spring, R, all made and operating so that the section will be yielding, even if in the working position, as set forth.

3d. The cam, D, levers, I. H, and spring, K, all operating as set forth, so as to move the secuside, F, back and forth, the cam being connected with a revolving ratchet wheel, a, by means of a pawl, b, so that it will be out of gear when the machine moves backward, as specified.

4th, The worder, L, connected with a crank or disk on the rock shatt, J, substantially as nestriced, and operations as at to thre with ever, I, off the eam D, when the machine is to cease dropping seed, as set forth.

83,339—ATTACHMENT FOR SKATES.—F. T. Thurston, Providence, R.

dence, R. l.
I claim the shoe, A or B, with the protecting strip, a, constructed substantially in the manner described for the purpose specified, irrespective of the method or ployed to secure its attachment to the skate.

83,340 Shield D FOR CORN PLANTER.—R. T. Taylor, Ever-

83,340 Shifeld for Corn Planter.—R. T. Taylor, Evertoo, Ind.
I claim, 1st, The adjustable shield, B, constructed and attached to the plow in the manner described, and over a ed by means of the slotted arms on the stay, c, and the lever, D, substantially as and for the purposes heren set forth.

2d, The ratch bar, g, in combination with the bent spring, h, for the purpose of notation the lever, D, at any point descred, thereby adjusting the shield, B, substantially as and for the purposes heren set forth.

83,341—Pocket Drinking Cup.—J. S. Towndrow, Moline, 111, assignor to W. P. Humphrey, Davenbort, Iowa.
I claim a procket go let, consisting of the cup, A, and stand, B, constructed so that they may be detached, and the cup connected to the stand in a reversed position, substantially as herein described.

83,342—Horseshoe Machine.—Enoch B. Turner, Providence, R. I.

I Cutin, 1st, The arrangement and combination of the adjustable gage, I., knife holder, M, adjustable knives, T and S, adjustable builing gage, N, spring, t, and slotted bar, K, as herein set forth and for the purposes described.

spring, t, and stotted bat, an asserted so seribed.

2d, he combination of the anvil, F, mandrels, I I, pads, J J, squeezing cam levers, E E, forks, k k, and springs, j j, all arranged as herein set forth and for the purposes describes.

the ourposes describes.

3d, he combination of the above devices with the cranks, h b, adjustable shafts. B satisfies A A, saddle bars, 3'A' spurs, m m m m, axie g g, adjustable connecting r.ds, P P, rollers, D D, slotted cam formers, G of former rollers, H H, and adjustable rollers, 1, as herein st forth, all arranged and combined so as to form a complete machine for making horseshoes, as described. -Spring Adjuster.-J. D Van Hoevenbergh, Kings-

ton, N.Y.

I cla m the improved spring a juster above described, its several narts being arranged and operating together, substantially as herein specified.

83,344.—GAS MACHINE.—Hugh Wain, Ravenna, Ohio.

1 claim the arrangement of the cylinder, A, tank, C, privided with induction and exhaust pipes, and having the space. H, filled with a poor conducting material, in combination with the berforated bottom and gasometer, D, as and for the purpose substantially as described.

83,345.—BINDING MATHEMATICAL BOOKS.—F. B. Wells, Fish-

kill on the Hudson, N. Y.

I claim the insertion of these silicated leaves in the aforementioned works in which they may be used, said leaves to be bound in the book firmly, inserting any numb r desired, according to the nature and the size of the volume, or they may be tempty f. stened in any way, that they may be removed, changed, or replaced, or new ones inserted, at pleasure, if so thought to be more practicable.

83,346. JET ATTACHMENT FOR SODA FOUNTAINS.-J. C Wharton, Nashville, Tenn.
I claim an attachment for soda-waterfountains, when constructed of a plane surface. A, having a border pipe, B, provided with jet tubes, a a a, etc., rain pipe, b, and supply pipe, d, all substantially as and for the purpose set

83,347.—Machine for Bending Sheet Metal.—A. W

83.347.—MACHINE FOR BENDING SHEET METAL.—A. W. Whitney and P. A. William, ist, The folding bar, H. in complication with the bars, J. J. arms, P. P. and connectine rods, Q. all arranged to operate in the manner substantially a and for the purpose set form.

2d. The straps, M. in combination with the folding bar, H. adjustable bearings, I. and screws, O. all arranged to operate in the manner substantially as shown and an excribed.

3d. Holoing the folding blade, C. upon the wirk or bed piece, E. through the media of the coms, I, frich neithers, L., and bars, D. e., all arranged to oper te substantially as set forth.

4th, The gage, E. arranged and applied in connection with the screw, F, substantially in the manner as and for the purpose set forth.

83,348.—COUNTER SINK.—P. A. Whitney, Woodstock, Vt. Antedated Oct. 61 1868.

Antedated Oct. 16 1868.
I claim the harein-described improved counter sink, when constructed subtantially as and for the purpose described.
3 349. LATHE CHUCK.—D. E. Whiton, West Stafford, Conn.

l claim the construction and arrangement of the back plate, P, with openings, b b b, and pr jection, E, with sockets, a aa, when connected with track, B, of a geared clauck, substantially as and for the purpose Lerem shown. shown. 83,350.—Extension Table.- F. R. Wolfinger and Joseph

85,300.—EAI EASION TABLE. F. M. Wollings, the Sarpett, Chicago, Ill.
We claim an extension table consisting of a central frame, A, baving the sideralls cut away to form recesses. F, to receive the attach ble top boards G, an. having the extension frames connected thereto by the hinged bars, H, all constructed and arranged to operate as set forth.

83 351.—Steam Heating.—George M. Woodward, New

York city.

York city.

I claim the cap.C. secured upon the p pe. B and provided with a perforated liaphragm, b, from which the tube, D, is suspended, substantially as herein

83.352. HYDROCARBON BURNER.—H. W. Yerington, Jersey

83.532. HYDROCARBON BURNER.—H. W. Yerington, Jersey City, N.J.
I claim, lst, The combination, with the oil tank, A of the air lacket, B.having nilet and oulets, d and ..., for operation in conn ction with the burners of a hautid fuel apparatus, substantially as specified.
2d; the combination of the pipe or pipes, I mixing and distributing boxes, F. air pipes, C and G., and burners, E. for operation together, as specified.
4th, The incermedate connecting pipe, J, in combination with the gas pipes I, and air pipe. C, substantially, as shown and described.
5th, The full ular burners, E. arranged essectially as specified, and provided with oblique jet or illess or slots, c, as herein set forth.

23.353. ATTACHMENT TO SPOOLS FOR CULTUING THEREAD.—

with conque jet crinces or slots, e, as herein set forth.

353.—ATTACHMENT TO CPOOLS FOR CUTTING THREAD.—

J. W. Murrell, Seaford, Del., assignor to himself, Samuel Perry, and E. R.

Jace bs.

Jacobs.
1 claim, as an article of manufacture, the within described thread breaker, fermed from sheet meral, its retailing parts, a a, being cut from its center, and bent at right at gles thereto, substantially as and for the purposes herein est forth. .-Bobbin and Thread-holder for Spinning Ma

Obj. Depth And Things here for the three of the three of

REISSUES.

53.291.—CAR COUPLING.—J. J. Gest, Cincinnati, Ohio Dated

53,391.—CAR COUPLING.—J. J. Gest, Unicinnal, Onio Dated March 20, 186; reissue 3, 161.

I claim, in combination with arched or elliptic springs, having reversed curves at or neartheir ends, a correspondingly curved or inclined block abutment or bearing, so that, as the spring settles or yields under its load it will practically become shorter and stronger, but still retain its elastic quaity, and be firmly held in place and to the block or bearing, substantially as here n described and represented.

74,919.—WASHING MACHINE.—Alford Lamb, Mary E. Lyman, and W. H. Marce Leffersonville, N. Y. assirpees of Alford Lamb, Dated

and W. H. Morse, Jeffer-onville, N. Y, assignees of Alford Lamb. Dated Feb. 25 1868; ressue 3,162.

I claim, i.t., fine combination of the base, B, supported by springs, and a rip or strips of runber, C, arranged as described 2d. The combination of the above with the flued roller, D, substantially as

15 334.— HARVESTER CUTTER.—J. G. Perry, Kingston, R. I., assignee, by mesne assignments, of C. W. Glover, Roxbury, Conn. Dated July 15, 1856; reissue 3,163.

I claim, list. The combination, with the guard fingers, of the oscillating or rocking ledger blades or cutters, constructed with recesses in their upper sides, substantially as and for the purpose specified.

2d, So arranging the ledger blades or cutters, constructed as described, within the guard fingers, that they may have a rocking or oscillating move

ment during the reciprocating movement of the sickle, substantially as here

insert forth.

3d, The attachment of the ledger hlades to the guard fingers by means of the trunnlons, e, on the blades extending unto the cavities, i, in the fingers, substantially as and for the purpose specified.

\$1,034.— Seed Planter.—J. H. Thomas & P. P. Mast, Springfield, Ohio. Dated July 27,1858; reissur 3,164.

We claim, 1st, The arms, G3, mounted upon the shaft, G2, within the hopper G, substantially as and for the purpose described.

2. The slide, G1, having the openings, b, with the blocks or stops, c, fitting therein, and arra ged to operate as described.

3. The combination of the slide, G1, and plocks or stops, c, with the revolving arms, G3, all arranged to one ate as herein set forth.

75,510.—Ring for Ring and Traveler Spinning Machine, 70, 110.— Thing FOR thing AND TRAVELER SPINNING MACHINE, —J. W. Wat es, Canton, Mass. Dated March 17, 1868; repseus 3,165. I claim the ripg receiver, constructed substantially as described, that is to say, not orly with a banel to fit the rail socket, and with a boreeccentri-with the cylindrical outer surface of such snank, as described, but also so as to be capable of osing spinns or contracted upon the shank of the ring, by the screwinserted in the rail, and employed to confine the receiver in the socket of the rail, as set forth.

ocket of the rail, as set in the also describes in the single screw with the ring also, the combination and arrangement of the single screw with the ring all an with the clamping receiver and ring, constructed as hereimpefore escribes, the whole being for the purpose let forth.

74,871.—Cosmetic. - J. M. Wilson, Seguin, Texas. Dated Prb. 25, 1868; reissue 3, 166.

claim, 1st, The chlorinated alkalies, or the alkaline chlorides, used co-metical agent, in manner and for the purposes substantially as set

as a cosmeticul agent, in manus. See forth.
2d, The chlorinated alkalies, or the alkaline chlorides, in combination with 2d, The Chlorinated alkalies, or the alkaline chlorides, in combination with an acidulous wash.

3d, The Chlorinated alkalies, or alkaline chlorides, in combination with an acidulous wash made from either oxalic, tartaric, or citric acid, either separate or combined, substantially as described.

74.169. BALLASTING VESSELS.—J. B. Stoner, Leopold Mendelson, and Theodore Crommelin, New York cty, assignees of J. B. Stoner.

Dates Feb. 4, 1868; reissue 3.167.

We claim, 1st, A ballas ing weight, L. applied on the free end of a swinging arm in combination with a recess made in the bull of a vessel, to receive said weight and arm, and a tube, P, substantially as described.

2d, The use of one or more weights, secured to stiff rods, and applied to a vessel in such manner that they can be lowered considerably below a vessel; seel, or raised and secured within recesses formed in the bottom of a vessel, substantially as described.

3d, A temporary ballast, consisting of a weight secured to the lower ends of one or more rods, and adapted to fit into a socket formed in the vessel, and operated from the deck, said rods being suitably inclosed within a tube rising from said sockets, substantially as specified.

DESIGN.

3,212.—Clock Case.—Karl Muller (assignor to Nicholas Mul-

Inventions Patented in England by Americans.

[Compiled from the "Journal of the Commissioners of Patents."]

PROVISIONAL PROTECTION FOR SIX MONTHS. 2,680.—Apparatus for Effecting Aerial Propulsion.—John Hunter, Morristown, N. J. Aug. 26, 1868.

2,692.—Projectiles for Ordnance and Fire-arms.—W. H. Sbock, Washington, D. C. Aug. 31, 1868,

2.694.—CUTTING NIPPERS.—Nathan Thompson, Brooklyn, N.Y. Aug. 31, 1868. 2.704.-Loom -George Crompton, Worcester, Mass. Sept. 1, 1868.

2,758.—ROTARY ENGINE.—George Whitcher, Brooklyn, N.Y. Sept. 7,1868. 2,774.—STRAM Beiler.—Joseph Nason, New York city. Sept, 9, 1868. 2,780.—PUMP - James Wilson, Bridgeport, Conn., and Chas. F. Mudge, Lyno, Mass. Sept. 9,1868.

2.818.—Substitute for Hair Stuffing, from Vegetable Fibers,—Nathan W. Blanchard, Dutch Flat, Cal. Sept. 14, 1868.



The First Inquiry that presents itself to one who has made any improvement or discovery is: "Can 1 obtain a Paten!" A positive answer can only be had by presenting a complete applica ion for a Patent to the Commissioner of P tents. An application consists of a Mo. el, Drawings, Petition, Oath, and full Specification. Various official rules and formalines musuals on be observed. The efforts of the inventor to do an this business dimser are generally wrout success. After a season of great perplexity and dilay, he is usually glad toseek the aid o persons experienced to patent business, and have all the work done over again. The best plan is to solicit proper advice at the beginning.

beginning.

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In Order to Apply for a Patent, the law requires the a model shall be furmshed, not over a foot in any dimensions—smaller if possible. Send the model by express, pre paid addressed to Munn & Co., 37 Fark Kow, New York, together with a nescrip ion of its operation and merics. On receipt thereof we will examine the invention carefully and advise the party as to its oatentability, freed charge. The model should be neatly made of any suitable materials, strongly faste med, without glue, and neatly painted. The name of the inventorshould wengraved or painted upon it. When the invention consists of an improinment upon some other machine, a full working model of the whole machies will not be necessary. But the model must be sufficiently perfect to sho with clearness, the naure and operation of the improvement.

New medicines or medical compounds, and useful mixtures of all kinds, are pagen able.

New medicines of medical compounds, and used at mixed as of all all and paien able
When the invention consists of a medicine or compound, or a new article
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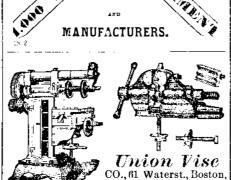
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U. S. PATENT OFFICE.

WASHINGTON, C. Oct. 16. 2383.

Jotham S. Conant, Hackens e.g., N. J. having pe itioned for an extersion of the patent granted him on the 16th day of January, 1855, tor an improvement in "Sewing Ma chines" it is ordered that the said perit in be beard at this office on the 28th day of December next.

Any person may oppose this extension. Objections, deposit in s. and other papers should be fixed in this office twenty day before the day of hearing.

19 3 ELISHA FOUTE, Commissions.

U. S. PATENT OFFICE A Washington, D. C., Oct. 22d, 1868. Thaddeus Selleck, of Greetwich, Conn.. havi. g peritioned for the extension of the patent granted hum on the 30th day of January, 1855, for an improvement in "Method of Working Franklinte Ore," it is owered that said petition be heard at this office on the 11th day of January, next.

Any person may oppose this extension. Objections, depositions, and other papers, should be filed in this office twenty days before the day of hearing.

ELISHA FOOTE, Commissioner of Patents.

U. S. PATENT OPPIOR.

WASHINGTON, D. C., Oct. 21, 1868.

Geoge A. Brown, of Middletown, R. L., having petitioned for an extension of the patent granted bim on the 23d day of January, 1855. for an improvement in "Hay Making Machine," it is ordered that the said petition be heard at this office on testing the sylvary next.

Any person may oppose this extension. Objections depositors, and other papers should be filed in this office twenty days before the day of hearing.

ELISHA FOOTE, Commissioner of Patents.

U. S. PATENTOFFICE.

Washington, D. C., Oct. 19, 1868.

Charles Mettam, of New York city, having petitioned for an exten ion of a patent granted him on the 32 day of January, 1855, for an improvement in "Rolling Iron Shutters," it is ordered that said patition be heard at this office on the 4th day of January next.

Any person may oppose this extension. O jections, depositions, and other napers, should be filed in this office twenty days before the day of bearing ELISHA FOOTE, Commissioner of Patents.

U. S. PATENT OFFICE.

WASHINGTON, D. C., Oct. . 5, 1863.

Russell Jennings, of Deep River, Conn., having petitioned for an extension of the patent granted h m on the 80th day of January, 1855, rissner, on the 81 day, f Oct., 1865, and again relissued on the 16th day of January 1866, for an improvement in "Augers," it is ordered that said petit in be heard at this office on the 18th Gay of January next.

wary next.

Any person may oppose this extension. Objections, depositions, and other papers, should be filed in this office twenty days hef re the day of hearing.

ELISHA FOOTE. Commissioner of Patents.

U. S. PATENT OFFIGE.

Washington, D. C., Oct. 7, 1898. {
Fanny Holmes, of Whit-hall, N. Y., executive of the estate of John E. Newcomb, decreased, having petinioned for the extension of a patent granted the said John E. Newcomb in the 9th day of January, 1855, or an unprovement in "Gran Harvesters," it is offered that said penerutin "Gran Harvesters," it is offered that said penerutin "Gran Harvesters," it is offered that said penerutin "Any person may oppose this extension, Objections, depositions, and other papers, should be filed in this office twenty cave before the day of bearing.

183 S. H. HODGES, Acting Commissioner of Patents.

U. S. PATENT OFFICE,

Washington, D. C., Oct 3, 1868;

Lysander Wright, of Nawark, N. J., Davi g petitioned for the extension of a patent granted him on the 2d day of Janary 855, for an improvement in "Sawing Machine" it is ordered that said neutrion be heard at this office on the 14th day of December n. xt.

Any person may mose this extension Objection.

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