the bow spring, e, the hook, f, or its equivalent, and the adjusting strap, g, the whole being applied to a waistband, as set forth. Also, the comb the bustle made the whole being applied to a waistband, as set forth. Also, the combination and arrangement of the shield or abuttment, k, with the bustle made and provided with the spretck; e, as set forth. 81,282. — EASY CHAIR. — Dumont Marcau, Hubbardstown,

158

Mass. I claum the springs, E, arranged as described, in combination with the seat. A.rwis, C, links, F, and hooks, g, substantially as set forth for the purpose

A. FRIES, C., HURS, F., and BORKE, F., SUBSTRUER, M. C. C. M. C. HURS, F. and BORKE, S. M. SCHLER, S. M. C. M. STREE, S. M. C. M. STREE, S. M. S. M.

stantiall 81.284. tannany as and for the purpose specined. 11,284.— BRICK: MACHINE.— Anthony Nulsen, Eugen Hanei-sen and Albert Wegner, Cincinnati, Ohio, assignors to A. Nulsen & Co. We claim the relative arrangement of the endless carrier, A. bopper, G. age, F. rolls, B.C. D.E., and throat, H. constructed to operate as described.

case, F, rolls. B C D E, and throat, H, constructed to operate a account and 81,285.— BELT-TIGHTENER.— Samuel Patton, Chattsworth,

substantibility as snown and resonant. 81,286.--MORTISING MACHINE.-Joseph A. Peabody, Phila-

 $S1_{1} \leq 0_{1}$ , -MORTISING MACHINE, -JOSEPH A. Feabody, Finita-delphia.Pa.I claum the regulators composed of Fires, R and R', plates. P and P', withslots, S', bolts, b bi, b2, and S, screws, C and C', substantially in the man-nen and for the purpose specified. $<math>S1_{2} \leq 7_{1} - S_{10} = 0$  PUMP, -Anderson H. Piland, and Andrew H. Turner, India apols, Ind. We claim, ist, The foundatiou tramework, consisting of the elements, A B C F  $\Im$ , constructed and arranged substantially as and for the purpose set torth.

b F o, constituted and analysis experimental form, 2d. The hinged platform, E E'E'', supported on the timbers, J, and by the brace's, K L M, struting from the sliding post, D, and attached to the post, F, by the straps, 1 1', as set forth, in combination with lever, N, eduction pipe, V, and pump, all arranged and operating substantially as and for the purpose set for th.

purpose set forth. 3d. The cone-shaped piston, f, packed as described, in combination with the valve chamber and valve, X, and eduction pipe, V, attached to the vibrat-ing platform, all arranged and operating substantially as set forth. 81,288.—GRAIN SEPARATOR.—J. F. Pool, Monroe, Wis. I claim, ist, The spouts, it, placed, one on each side of the frame, A, and emptying into the conductors, OO, substantially as and for the purposes by rein set forth.

I claim, let, The spouts, 14, placed, one on each size of the function of the purposes herein set forth. 2d, the box, b, placed under the slide, g, so that when said slide is remov-ed, the grass seed will drop into the same, substantially as herein set forth. 3d, The adjustable and movable screens. (d, when constructed as described, and operating as and for the fur poses berein set forth. 4th, The cross screen m, placed between the series of screens c and screens d, substantially as herein set forth. 81,289,--1101STING MACHINES.-George H. Reynolds, New York city, assignor to hinself and Cornelius H. Delamater, same place. I claim, is, in a system of holshug machines, providing for endplay, by the employment of the feather, b, or its equivalent, in commation with the V-shat, friction gear whecis, B'Cl, substantially as and for the purposes herein set forth.

berein setforth. 24. Incombination with the staff, C, and friction wheels, B'Cl, the movable box, M', links, m2, and eccentricpins, O, mounted relatively to the shaft, P, and handle, p, so that the pins, o, shall come nearly on their dead points w.e. the friction wheels, B' Cl, are properly connected, as and for the purposes herein t 10rth

b. Donnecting the shaft, C. and the winding drum, E, in a boisting machine peculiarly constructed and arranged parts, C3 C4 an 145 E4, as and for

3d, Connecting the shart, C, and the winding drum, E, in a hoisting machine by the peculiarly constructed and arranged parts, CS C4 an 113 E4, as and ior the purposes herein set forrb. 4th, The bearings, m1.for supporting the drum, E, and its connections, inde-pendentry of the concentric shart, a, as and for the purposes herein set forth. 5th The binders, H b1 b2, constructed and arranged to serve relatively to the shafts, B C, and th ir several connections, so as to support the frame, A, and ald in preventing any spring or distilacement of the parts under the strains and vibrations to which they are subjected, ashe ein set forth. 81,290.—BREKCH LOADING FIRE ARM.—C. B. Richards, Hart-

ford, Conn. I chain so shaping and connecting the breech plug, a, and a yielding booked Xiractor, that the free end of the extractor will be locked to the orcech ing by the relative movement Q: the two in the act of retraction, substan-ulty as and for the ourpose berembefore set forth. FILSES.—Thomas

81,291.—MACHINE FOR MANUFACTURING FUSES.—Thomas R chatds, Medford, Mass., ssifanot to Edward D. Manninz, same place. I claim the hollow shaf, M. hiving open slots, s. at its upper end, in comb ation with the ring, t, substantially as described for the purpose herein as

forth. 81,292.—CORESCREW.—Charles L. Ridgway, Boston, Mass. I claim the stud or fulerum, E, provided with the notch, N, working in com bination with the shonlder, E, substantially as described, and for the purpose

81.293.--CLAMP FOR HOLDING LEATHER. -- Alvah Ritten

be use Philadelphia, Pa. I claim the arrangement of the jaws, J and J', hioge, H, and lever, L sub-stantially in the manner and for the purpose specified. 81,294.--FEATHER RENOVATORS,--Hiram H. Robbins, Lynn,

Mass, I claim the above-described device for restoring feathers, consisting of the two cylinders, A and B, constructed and arr. ngcd as described, in combina-tion with the steam conduits, f f & c., and the poins, g g, & c., such conduits and ports being regulated by the tubular valve, h, and the whole operating in manuer and for the purpose as before explained. \$1,295.—SHINGLE MACHINES.—L, C. Robinson, Shepards.

\$1,295.—SHINGLE MACHINES.—L. C. LOURDER, will, Mass.
I claim 1st, The combination, with the sash C, of the laterally moving sash, b, having its saws hinged, as described, and operated by the feed roller, d2, through the meanum of the bell crank, d, and connecting rod, dl, substantially as and for the purpose specified.
24. The cut off saw. D, in combination with the sliding mandrel, spring f, ratchet bar, fl, and pawi, 12, operating in the maaner described, with relation to the hinged saws, a a', as and for the purpose specified.
81,296.—F RUIT JAR.—F. Kohrbacher and F. Hormanu, Philadelphia Pa.

S1,230.— FROTT JAK.— F. KORTDACHET all F. HOTMAIN, FILLAGEDBIA, Pa. We claim a jar, having, at the inside of the neck, inclined recesses, b, and vertical recesses, c. open at the top, and above the said recesses a flanged projection, the upper edge of which is an unbroken circle. In combination with a cap. B, runber ring., and lugs, a, arranged as specified. S1,297.—RAILROAD CAR VENTLATOR.— William M. Russell and D. E. Holmes. Cincinnat, Obio. We claim the defector, D. e, when the same is provided with projecting pins, e.e., in combination with the angular base, b, and sash, c, and the whole is so constructed and arranged as to operate substantially as described and for the purpose specified. 91,299.—CIAMIS.— William Sailer, Philadelphia, Pa. I claim a claim, consisting of a bar. a, upon which are projections, b d, ser-

91.399. — CI. AMTS. — William Sailer, Philadelphia, Pa. I claim a clamp, consisting of a bar, a upon which are projections, b d, ser-rated at their edges, and inus, i f, the said clamp being adapted for use in connection with a werge, y, substantially as described. Also, the clamp, A. consisting of a bar, a upon which are lues, if, and pro-jections, d), serrated at their inner edges, the said lugs and projections being arranged as and for the purpose described. S1,29.9. — ELEVATOR. — George Scott, Louisville, Ky. I claim, ist, The combination of the wheel, G, rope, f, axle, Q, wheels, Q' and P, and the clutch, O, substantially as and for the purpose set forth. 24, The pulley, E. when constructed with a double bevelet groove, and used in combination. When a rope, b, fixed at both ends, and operating sub-stantially as describes. stantially as described.

stantially as described. 3d, the arrangement of the rope, b, fixed at both ends, at, B B, the plat form, F, the pulseys, E L D and C, the latter being placed in a balance weight, weight and the secribed. 4th, The arrangement of the rope, f, passing through bulks' eyes in the plat-form, F, substantially as and for the purpose set forth. 81,300.—FASTENER FOR BUTTONS, STUDS, & C.—Thomas S, Societa D Construction of the secret o

1,500.— FASTENDER FUR LOLE LOLLER, Sedwick, Onargo, III. 1 claim an auxiliary attachment for securing buttons and studs, consisting f an elastic loop passing through or united to the fabric near to the button ole or cyclet, all substantiality us described. 1,301.—MACHINE FOR TURNING BOOT LEGS.—Jacob Shear-81.301

man, Fayetteville, Pa. 1 claim, 1st, The cylinder, E, table, BC C, wheels, c, racks, d d, rod.f, hooks c, shaft, a, and crank. L all arranged and opperating substantially as and for

2d, The flanged traverses, B, constructed substantially as and for the pur-ose e + t forth.

points formal. 3d, The intermediate plates, b, constructed substantially as and for the plat-3d, The intermediate plates, C, provided with holes to receive the flanged traverses, B, substantially as and for the purpose described. 4th, The adjusting screw, F, provided with a square end, n, and jam nut, o, in combination with the bangers or standards A, substantially as and for the purpose setforth. 5th, The segmental or spherical ends, p. of the bangers, fitting into corre-sponding steps, and operating in combination with the screws, F, substan-tially a: and for the purpose described. 81,307.—HORSESHOE.—Chas. O. Stevens, Auburn, Me. Leiser the top proce the server of the top top top top escured

I claim the top piece, 9, and rear piece. C, joined by the pivot, G, secured to the hoof by means of the screw cross par, e, substantially as herein set forth and for the purposes herein monitoned. 81,308.—FASTENING HANDLES TO AXES, PICKS, ETC.—James

OLJOUC, TASTERATION AND A STREAM AND A STREA

a Circular projection, i, on its lower cud, and one or more bolks. a, on its up per cud, when used for the purpose of fastening landles to tools, substantially as herein set forth. 81,309 — ENGINE LATHE.—Squire Teal, Rochester, N. Y. I claum, ist. The combination of the adjustable bracket, H, the pattern plate attached thereto, and the jointed guide bir B, with the tool holder, when arrange and operating substantially as described. 24, The combination of the sleeve, r, set screw, v, a d scr w, f, with the tool holder, in the manner described, for the purpose of p, rmitting or pro-history tool holder, as may be found necessary, independent trans-verse movement.

histing to the tool holder, as may seriound necessary, mucpendent time-verse movement. 3d, Arranging the bracket which supports the pattern on the failstock of the machine, and connecting the tool holder with the pattern be a jointed lever, in the mannersabitantially as herein described. 81,310.—CLOTHES LINE SOPPORTER.—Francis W. Tilton and Mosee C. Swift, New Bedford, Mass. We claim, 1st, The tubular slotted stand, A, with the hooked notches, h, therein, substantially as and for the purposes described. 2d, in combination with the the hole, E, with the rod, G, and hook F, arranged substantially as and for the purposes set forth. 81,311.—TRAP HOLDING DEVICE.—John Way, Waterbury, Conn.

Conn. 1 claim a boiding device composed of a double acting can or eccentric button, in combination with a suitable bearing surface, the whole operating substantially in the manner described, for the purpose set forth. 81,312.--CLOTHES HOOK AND LINE HOLDER COMBINED.--

81,312.--CLOTHES HOOK AND LINE HOLDER COMBINED.--Theophius Weaver, Harrsburg, Pa.
I claim the combination of the look, S, lever, L, and the posts, a b a' b', substantially as described and for the purpose set forth.
81,313.-BRICK MACHINE.-Darius Wellington, Boston, Mass.
I claim the combination with the follower (wheb infermittent y feeds for-yard the effects of the state of the rotating pulverizing blades, d, and feed SUCW, it will oblicate up the rotating pulverizing blades, d, and feed SUCW, it will oblicate up the clay and force it into the molds), the scraper before on the state plece, u, and the "doctor," y, each arranged to ope erategubstantially as set form.
Also, in combination with the solidifying plunger, v, and expelling plunger, when arranged to operate substantially as described.
Also, the arrangement of the forwalk and cam wheel, s, connecting rod, r, slides, d, leverd, a slide plates, a', for driving blollower o, and plungers with stantially as described.
Also, the arrangement of the crank and cam wheel, s, connecting rod, r, slides, d, leverd, a slide plates, a', for driving Stollower o, and plungers with stantially as described.
Bloth et arrangement of the crank and cam wheel, s, connecting rod, r.
Slides, d, leverd, a substantially as described.
Bloth et arrangement of the SkPARATING STONES FROM CLAY.--Darus Wellington, Boston, Mass.
I claim, in a clay will the arrangement of the parts substantially as berein

81,314 — MACHINE FOR SEPARATING STONES FROM CLAY.— Darus Wellington, Boston, Mass.
Iciaum, in a clay mill, the arrangement of the parts, substantially as horein described; that is to say, arranging the delivery gate, d, beyond the shart, b, and these in relation to the incline, e, so that the blades on said shaft shall cause a movement of the mass of clay over the grate and under the incline e. by which movement the clay is forced through the grate, and the stones moved forward thereon, and into the pockets h, which pocket is provided with movalle bars, a, or their equivalents.
81,315.— LATHES FOR TURNING BALLS.—J. Burns West, Genesco, N Y., assignor to Sanuel Finley.
I claim, ist. The swing rest, constru the sloce store the mandrel, as set forth.
24, The combination, with the swing rest, of the fixed notcheded tool holders.

forth. 24, The combination, with the swing rest, of the fixed notched tool holder, and swing locking ciamps, 0, all these pirts being constructed and oper-ating as described, so as to hold the tool either borizontally or at an angle, as set forth. 34. The combination with the swinging rest and locking clamp; of the twist ed gouge, L, and stop block or gage, k, these parts being constructed and arranged as described, for joint oper ation. 4th, The combination of the perforated chuck and manifed with the push for constitution of the perforated chuck and manifed with the push the inished halls, these parts being constructed, arranged, and operating as described.

the minute names, these parts seng constructed, arranged, and operating as described. The combination, as described, with the chuck supporting the block form which the Oali is to be cut at one and only, of the swingrin rest, which

arries the tool across the axis of the mandrel, as set forth. 6th, the method, herein described, of finishing a portion of the ball some-what greater than its hemisphere, by a tool swinging transversely across the axis of rotation of the ball, (which is sustained at one end only), and then in-sciting the finished end in a periorated conceye chuck, and completing the remainder of the sphere by a repetition of the former swinging movement of the tool.

remainder of the sphere by a repetition of the former swinging movement of the tool. 7th, The combination. as described, with the chuck and swing rest, of the marking spring, O', constructed and arranged as set forth. 81,316 — TURNING LOGS IN SAW MILL.—George Willett, Rich-

burg, N. Y. I claim the described arrangement of the wheels, E. E., relatively with the ead.blocks, operating in connection with the cant hook to turn thelog, as erein shown and described.

head blocks, operating in connection with the cash nork to this hereing, as herein shown and described. 81,317.—CRANE.—C. Williams, New York city. I claim, 1st, The clamping brake, arranged with refrence to the crane, and the fifting rope thereof, substantially as and for the purpose specified. 24. The brace, constructed with the swinging post, E, in combination with the standard, B, ot the crane, substantially as and for the purpose specified. 3d, The detachable foot piece L, in combination with the base, A, of the crane, substantially as and for the purpose specified. 4t, The pawl, K, arrange d in relation with the noteded collar of the turn-ing standard, B substantially as and for the purpose specified. 5th, The collar, B', and its sustairing praces' c, in combination with the specified.

81,318.—BUCKLE.—H. C. Wissel (assignor to himself and H.

F. Saryock), Induana, Pa. F. Saryock), Induana, Pa. I claim a buckle, composed of a plate, a, provided with loops, b b, and a ongue, B, all constructed aid arranged to operate in the minner substan-ally as and for the purpose set forth. 31,319 — HOOP SKIRT AND BUSTLE COMBINED,—Alexander K KONGE Restor Mass

81,319

K. Young, Boston, Mass. I claim the arrangement of the hoop bustle on the outside of the main kirt, and with the ends of the hoops of the bustle connected with the hoops

Also, the combination of an expansive hoop bustle as described, with a boop skirt, it being arranged on the ontside of and fixed to the hoops of the said skirt, substantially as set forth.

#### REISSUES.

66,563,-Ax.-Dated July 9, 1867; reissue 3.083.- Thomas

665,543,—AX.—Dated July 9, 1867; reissue 3,083.—Thomas Bakewell, and John Lippincot, Pittsburg, Pa., assignces of Daniel W. Colburn, Laomi, 10,
We claim ist, Making that part of the edge of an **3x** which lies forward of the broadest part of the bit of a semi-crular shape, or of a shape nearly semi-circular, substantially as and for the purposes hereinbefore set forth.
2d, Contuning the cutting edge of an ax around the swell of the bit of the semi-circular substantially as and for the purposes above set forth.
3d, Making an ax with a p-le of gradually increasing width from the eye towards the bit, when combined with a bit having a curved cutting edge extremely and that the bandle may be inserted at either end of the eye.
50 192.—HARVESTED PITNER DIFF.

HARVESTER PITMEN.—Dated October 30, 1866; re-59.192issue 3.084.—Division C.-J. W. Doty, Lockport, N. Y. I claim the combination of the bolt, H, ratchet nut, e, and pawl, p, with the conical or spherical wrist, m, and socket n, or their equivalents, for the purpose set forth.

purpose set forth. 61,735.—MATERIAL FOR VARIOUS STRUCTURES.—Dated De-

cember 26, 1865; reissue 3,085.—Division A.—John K. Mayo, New York

described, in the formation of the spheided or analogous structures or articles of bouse decoration, fitting, and furnishing.

51,735. -- CONSTRUCTION OF BOXES, THUNKS, BUCKWTS, BAR-RELS, AND OTHER CONTAINING VESSELS.-Dated Dec. 26, 1865; reissue 3,090.- Division F.-John K. Mavo, New York city, for humselfaud Andre Cushing and Geo. B. Cushing St. John, New Brunswick, ussignees of John K M. yo. I claim the employment or use of the compound scale board hereinbetore described, in the formation of the specific or analogous receptacles or parts thereof.

51,735.—PIPES, TUBES, FUNNELS, FAUCETS, ETC.—Dated 11,130.— FIFES, AUBES, FUNNELS, FAUCETS, ETC.— Dated Dec. 26, 1865; reiseus 6,309.— Division G.— John K. Mayo, New York city, for himself, and Anerc Cushing and George B. Cushing, St. John, New Bruswick, assignees of John K. Mayo. I claim a conductor or vessel made of thin scale boards or laminae of wood emented together, with the giain crossed or diversified, substantially as ind for the purpose herein setforth.

51,735.--CONSTRUCTION OF CARRIAGES, CARS, COACHES, AND CALIGOT, "CONSTRUCTION OF CARRIAGES, CARS, COACHES, AND OTHER VEHICLES.—Dated Dec.25, 1865; reissue 3.092.—Division H.—John K. Mayo, New York city, for lumselt and Andre Cushing and Geo, B, Cushing, St.John, New Brunswick, assignees of John K. Mayo. I claim the employment or nse of the comp and scale board hereinbefore described, in the formation of the specified or analogous articles and struct-ures.

--HARVESTER.--Dated March 3, 1868; reissue 3,093. 75.070.

Wm. H. Stevenson, Auburn, N. Y. Iclain, Ist, The combination with a dished driving spur wheel, D, of a spur pinion, E, bevel wheel, H, and hevel maion, I, which will admit of the arrangement of the crank shaft, J, substantially as and for the purposes specified.

arrangement of the Grant shart, of, substantially as and for the physics specified. 2 df, The arrangement of the gear wheels, D E H I, the wheel, E, running loosely on a shaft, F, and being provided with a clutch face, I, and shipping lever, G, substantially as describ-d. 3d, The adjustable shifter holder and guide, GI, constructed in one piece, and attached to the main or draft frame by bolts passing through one or more sots in the shifter holder and guide. GI, constructed in one piece, and attached to the main or draft frame by bolts passing through one or more sots in the shifter holder, whereby the shifter fork may be adjusted to the groove in the split wheel, substantially as described. 4th. The combination of the adjusting lever, T, linked Connection, L, and curved guide, S, the latter working endwise in a guide box, K, ou the frame. With the drag bar, P, substantially in the manner shown and described.

### DESIGN.

3,160.—SLEIOH BELL.--Ezra G. Cone, East Hampton, Conn.

#### EXTENSION NOTICES.

U. S. PATENT OFFICE, WASEINGTON, D. C., July 22, 1898. 5 William Porter, of Williamsburg, N. Y., having positioned for an extension of the patent granted to him on the 24th day of October, 1854, for an improvement in "Securing Lamps to Lanterns," it is ordered that said petition be heard at this office on the 19th day of October 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 OFFICE, WASHINGTON, D. C., July 29, 1868.

U. S. PATENT OFFICE, } WASHINGTON, D. C., August 3, 1868. }

ELISHA FOOTE. Commissioner of Patents.

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ELISHA FOOTE, Commissioner of Patents.

U. S. PATENT OFFICE, } WASHINGTON, D. C., AUG.13, 1868.

U. S. PATENT OFFICE, WASHINGTON, D. C., Aug. 11, 1868.

Clara B. Snow, of independence, Iowa, executive of the estate of Harrey Snow, deceased, having petitioned for an extension of the patent granted to thesaidHarvey Snow the 21stday of November, 1854, for an improvement in "Presser-bar for Planing Machines," it is ordered that said petition be heard at this office on the 2d day of November 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 FCOTE, Commissioner of Patents. 9

Chesley Jarnagin, of Bean's Statiou, Tenn., having petitioned for an extan-sion of the patent granted him on the 31st day of October, 1854, for au im-

provement in "Seats for Wagons," it is ordered that said petition be heard

at this office on the 19th day of October next. Any person may oppose this

extension. Objections, depositions, and other papers should be filed in this

U. S. PATENT OFFICE, WASHINGTON, D. C., Aug. 5, 1868. George Miller, of Providence, R. I., having petitioned for an extension of

the patent granted to him on the 7th day of November. 1854, for an improve-

ment in " Leather Banding for Machinery," it is ordered that said petition be heard at this office on the 26th day of October next. Any person may op-

pose this extension. Objections, depositions, and other papers, should be

George Crompton, of Worcester, Mass., having petitioned for an extension ol the patent granted to him on the 14th day of November 1854, for an improvement in "Looms for Weaving Figured Fabrics," it is ordered that said

petition beheard at this office on the 26th day of October next. Any person

may oppose this extension. Objections, depositions, and other papers, should

U. 9. PATENT OFFICE, WASHINGTON, D. U., Ang 12, 1898. John Cram, of Boston, Mass., having petitioned for an extension of the

patent granted him on the 28th day of November, 1854, for an improvement in "Towel Stand or Clothes Horse," It is ordered that said petition be heard

at this office on the 9th day of November next. Any person may oppose this extension. Objections, depositions, and other papers, should be filed in this

Jacob Swartz, of Philadelphia, Pa., having petitioned for an extension of the patent granted him on the 14th day of November, 1854, reissued on the

5th day of June, 1860, and again reissued in three divisions, numbered 1.313. 1,314, and 1,315, on the 3d day of June, 1862, for an improvement in "Harvesters," it is ordered that this petition be heard at this office on the 2d day of November next. Any person may oppose this extension. Objections, depo-

sitions, and other papers, should be flied at this office twenty days before the

Inventions Patented in England by Americans.

office twenty days before the day of hearing.

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day of hearing.

filed in this office twenty days before the day of hearing.

be filed in thisoffice twenty days before the day of bearing.

office twenty days before the day of hearing.

g, shart, a, and orang, j, an aranged and opperating substantially as and for	city, for himself, and Andre Cushing and George B. Cushing, St. John,	[completion inc. formation inc. commissionersor a worker, ]
the purpose shown and described. 2d. The racks, b, and ring, i, substantially as described, in combination	New Brunswick, assignees of John K. Mayo.	PROVISIONAL PROTECTION FOR SIX MONTHS.
with the accessory mechanism, all as set for bu,	I claim a compound scale board, consisting of a pluralty of thin sheets,	1050 Coverney Coverney Distance Francisco Francisco Francisco
81,302.—MACHINE FOR OBTAINING MOTIVE POWER.—Robert	scales, or layers of wood, connected together with the grain in divers direc- tions, as a material for mannactures, and for the formation, lining, or cover-	1,952.—CONSTRUCTION OF ZINGING BATHS.—Frederick Kraft and Frederick Chase, Philadelphia, Pa. June 15, 1868.
Side, Union Street Borough, England.	ing of land or marine structures.	
I claim the granks more up nairs one within the other in annosite di-	51,735MATERIAL T'O BE USED IN CONSTRUCTING BRIDGES,	2,009METALLIC CARTRIDGEOllver Fisher, Winchester, New Haven, Conn. June 22, 1868.
axis of motion, but so constructed that the crank pius move in slots in the		2,083TOY MORTAE OR SPRING GUNWm. Rose, New York city. June
said beams, substantially as above described.	-Dated December 26, 1865; reis-ue 3,086Division BJohn K. Mayy,	29 1868
81,303—Ice Cutter.—Franz G. Siemers, Winona, Minn.	New York City, for himself, and Andre Cushing and George B. Cushing,	
I clam, 1st, The reciprocating frame, D. having the series of pickers, a a',	St. John, New Brunswick, assignees of John K. Mayo.	2,121.—CART.—Burgess Long, Philadelphia, Pa. July 2, 1868.
arranged to operate subst quality as described.		2,123.—CONSTRUCTION OF BEIDGES.—Rufus S. Merrill, Boston, Mass. July
2d, In combination with the lce cutting trame, D. the follower, L. arrange	described, in the formation of the specified or analogous structures in civil engineering.	2, 1868.
and operated substantially as described, for feeding the ice to the pickers as	51 795 CONOMPROMINING STUDD DOL TO DECKO AND OTTEN	2.137REDUCING ALUMINIUM FROM ITS ORES OR EARTHS AND PRODUCING
it is cut.	51.735CONSTRUCTION OF SHIPS, BOATS, BUOYS, AND OTHER	ALLOYS THEREFROM.—Anthony L. Fleury, Boston, Mass. July 4, 1868.
3d. The combined ice cutter and refrigerator, when constructed and ar- ranged for use as shown and described.	NAUTIOALAND MARINE STRUCTURES.—Dated December 26, 1855; reasone 3,687.—Division C.—John K. Mayo, New York city, for himself, and Andre	2.151INDIA-BUBBER SOLES FOR BOOTS AND SHOESThos. J. Mayall, Rox-
	Cushing and George B, Cushing, St. John, New Brunswick, assigneds of	bury. Mass. July 7, 1868.
81,304.—OYSTER DREDGE.—Thomas P. Sink, Fairton, N. J.	John K. Mayo.	
I claim the construction of an oyster dr dge with an adjustable rake, as	I claim the employment or use of the compound scale board hereinbefore	2,160 — ELECTRIC TELEGEAPH CABLE.— Thos. J. Mayall, Roxbury, Mass. July 8 1868.
herein escribed and for the purpose set forth. Also, the clevis or rates et, or its equivalent, in combination with an oyster	described, in the formation of the specified or analogous nautical structures.	
dredge, for the purpose of setting and keeping a dredge rake to the proper		2,166.—APPARATUS FOR EVAPORATING AND CONDENSING LIQUIDS.—Thomas
pitch, as herein cescribed, and for the purpose set forth.	101,100. CONSTRUCTION AND FINISHING OF HOUSES AND	Prosser, New York city. July 8, 1868.
81,305.—FAUCET — David P. Smith, Salem, N. J.	OTHER BUILDINGS Dated December 26, 1865; reissue 3,088 Division D.	2,180 - BEARING SURFACES OF HORSE COLLARS, SADDLES, ETCEugene
I claim the washer or par nut, B, in combination with the elastic packing,	John K. Mayo, New York city, for himself and Andre Cushing and Geo.	Sullivan, New York city. July 9, 1868.
C, and the screw cut cyla drial portion, a' a'' of the barrel, A, the said parts	B. Cushing, St. John, New Brunswick, assignces of John K. Mayo. I claim the employment or use of the compound scale board hereinbefore	2.286MACHINERY FOR CLEANING AND FINISHING THREADSTODIAS
being constructed and alranged to operate together, when appined to the	described, 10 the construction and finishing of houses and other buildings,	Kohn, Hartford, Conn. July 21, 1868.
wooden vessel, substantially as and for the purpose described.	or parts thereof.	2,159GAS TUBING AND OTHER ARTICLES OF INDIA-RUBBERThomas J.
91 906 Universe Theodous Steinsbury New York site		Mayali, Roxbury, Mass. July 8, 1868.
81,306.—PIANO FOR E.—Theodore Steinway, New York city.		
I claim, 1st, A metallic action frame for piano-fortes, said frame being se-	THE LIKE Dated Dec. 26, 1865; reissue 3,089 -Division EJohn K. Mayo,	2.199LOCKJohn Dewe, George Harding, and Bartholomew Lalor, To-
cared to the wrest plank, and composed of metallic hangers or standards, A, provided with holes to receive the metallic traverses, substantially as shown		• • •
and described.	John, New Brunswick, assignees of John K. Mayo.	2.368GLUE AND OTHERSIMILAE MATERIALChristian Wahl, Chicago,Ill
and according a	I claim the employment or use of the compound scale board hereinbefore	July 38,1808.

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