22d, The rim, m7, to lift the pawl, n7, clear of the ratchet, 17, substantially as set forth. 23d, The excavated ring m5 in combination with the

as set forth. 23d. The excavated ring, m5, in combination with the conveyers and type channels, substantially as and for the purpose described. 24th, The stationary inclined pieces, g7, in combination with the grooves of the ring, m5, for restoring the indicating points upon the conveyer to a zero or starting point, as set forth. 25th, the movable indicators, c7, in combination with the grooves in the ring, m5, and with the shifting bars of the distributing mechanism, substan-tially as described.

zero or starting point, as set forth. 25th, the movable indicators, e7, in combination with the grooves in the ring, m5, and with the shifting bars of the distributing mechanism, substan-tially as described. 26th, The channel of excess, Q, in addition to the regular type cases, k, and in combination with the conveyers, d, substantially as and for the pur-pose set forth. 27, The latch, ig, and pusher, b8, in combination with the channel, Q, sub-stantially as and for the purpose described. 28th, The mechanism for leading up the line of type consisting of the cam, 28th, The mechanism for leading up the line of type and for elevating the successive lines thereof into the channel, substantially as described. 39th, The mechanism for feeding up the cloumn of type and for elevating the successive lines thereof into the channel, substantially as described. 39th, The method of engaging and disenzaging the feeding pawls consist ing of the hanging lever, as, in combination with the frame, H, with the meansfor depressing the bolt, d3, and with the ratchet having the engaging and disengating wedges, as described. 39th, The movable plate, d2, in the channel, a, to allow of raising the top line free of obstruction, substantially as set forth. 39th, The arrangement of the type levers. 23, with the distributing convey-ers, substantially as and for the purpose set forth. 39th, The movable frame, y3, carrying the type levers, 23, in combination with the graduated stop, e4, substantially as and for the purpose described. 39th, The lever, i4, and apron, g4, to regulate the throw of the frame, y3, for the 'thin space, ''substantially as set forth. 39th, The lever, i4, and apron, g4, to regulate the the torm of the channel, a, and insure a correct operation of the levers, z3, substantially as described. 39th, The lever, i4, and apron, g4, to regulate the throw of the frame, y3, for the 'thin space, ''substantially as set forth. 39th, The lever, i8, and kee pthe type down on the bottom of the channel,

36tb, The hamme, a5, to keep the type down on the bottom of the channel, a. and insure a correct operation of the levers, 23, substantially as described.
37th, The forked discharge piece, 14, to push the type off squarely upon the conveyor, substantially as described.
38th, The bell crank lever, e4, and pin, 14, for relieving the frame, y3, substantially as described.
38th, The arrangement of mechanism for transmitting the movements produced upon the levers, 23, but the nicks in the type and for effecting the proper combinations upon the indicators, e7, consisting of the detaining levers, a1, the bars, 44, bars, r4, bars, r4, bars, r4, bars, r4, bars, r4, and the connecting levers, 24, together with the operating cams upon the shaft, 14, or any equivalent combination, where by the same results will be produced, as described.
40th, The follower, e10, and gage, 10, in combination with the channel, f, and galey, M, substantially as and for the purpose set forth.
42d, The independent registering apparatus, substantially as get forth.
43d, The independent registering apparatus constructed as described, at distantially as set forth.
43d, The independent registering apparatus constructed as described, substantially as set forth.
43d, The pins, 05, piaced in the rings, H9 R, of the register wheel, substantially as set forth.
43d, The pins, 05, piaced in the rings, H9 R, of the register wheel, substantially as set forth.

44th, The stationary cam, sill, for returning the pins, o9, substantially as set forth 45th, The radiating revolving levers, h9, in combination with the register wheel and with the keys, substantially as described. 46th, The mechanism for transmitting the indications from the register consisting of the detaining levers, k0, in combination with the setting indi-cators and with the register, substantially as described. 47th, The springs gold, and lever, i0, in combination with the indicator bars, f0, and with the register and carrier wheel whereby the indicator ours are caused to act on the setting conveyors and dimediately thereafter made to retreat previous to the passage of a distributing conveyer, substantially as set forti. 48th, The toe, c0, in combination with the radiating revolving frame, j9, stoppawl, d0, and register wheel, R. substantially as and for the purpose described.

aescribea.
28,105 — BASKET.—The American Basket Company, New Bittain Conn, assignees by mesne assignments of Jesse K. Park, Marhoro, N. Y. Dated May 1,1860. Application for reissue received and field Oct. 31,1867.
I claim the construction of the uprights for the sides of a basket and the bottom thereof of thin laminae of wood secured crosswise and matwise to each other without interweaving so that there are two thicknesses of the material in the bottom and a single thickness in the uprights, substantially as before set forth.

as before set forth. Also the combination of the said laminae attached crosswise and flatwise without interweaving with a connection at their, ends, substantially as before set forth. Also the combination of the said laminae (attached crosswise and flatwise without interweaving), with a connection at their ends and with filling in-serted between the bottom and the ends of the uprights, substantially as be-fore set forh.

Also the compound metal and wood basket rim with the wood at interior, ubstantially as before set forth.

Also the compound metal and wood basket rim with the wood at interior, substantially as before set forth.
39,582.—Coal. Stove.—Dennis G. Littlefied. Albany, N. Y Dated Aug. 18, 1863. Reissne No, 1894. Dated Dec. 22, 1863. Application for reissne received and field Nov. 11, 1867.
18t, I claim the peculiar mode and maner described of constructing the maximum econsisting as it does of several parts so connected together as to combine strength, durability and pericet adaptation to their purpose and so adjusted as conveniently to admit of separation and rennion at pleasure.
2d, The devices described by means of which the several sections and segments of the magazine are held itrmly together in their relative positions and the whole in its proper place.
3d, The devices described by means of which the several sections and segments of the iron cylinder by heat and by means of which the several sections of the iron cylinder by heat and by means of which the gravity of the gravity of the distribution of a magazine.
4th, The magazine constructed as described in combination with the furnace separated from the magazine.
5th, The combination of a magazine contracting in diameter from the middle er other line downward to its lower end with a furnace suspended within a chamber isolated from the chamber surrounding the magazine.
6th, The devices described by means of which the upper and lower sections of the burner can readily be separated and re-united without injury to either. The, I claim the inter-communication to be opened and closed at pleasure between the chamber of a magazine coal burner which surrounds the furnace and that which surrounds the magazine.
6th, The devices described by means of which the upper and lower sections and the surrounds the furnace and that which surrounds the magazine.
6th, The devices described by means of which the upper and lower sectors of the urner can readily be separated and re-united without injury

Shown and set forth, 58,494.—GRATE BAR.—Sterry Smith, Salem, Mass. Dated Oct. 2, 1866. Application for reissue received and filed Nov. 11, 1867. I claim a compound grate bar formed of a series of parallel longitudinal bars, H H'G G'G'', constructed and connected together, substantially as described. 57,337.—HORSE HAY FORK.—Mary Jane Laird, Middletown, Per (diministrative of the other of a described described described described).

101,001.— HORSE HAY FURE.—HAY yang Land, Intureow H, Fa. (administratrix of the estate of Andrew Laird, deceased). Dated Aug. 21, 1886. Application for relawne received and filed Nov. 13, 1887, 1st, I claim the times, D D, having cutting eyes, 22, substantially as and for the purpose spec fied. 2d, I claim the times, D D, having slots, d'd, so arranged that when they are operated upon by a lever or other device they will be compelled to travel to as to form the area of a circle, substantially as and for the purpose speci-ied.

Blatted seatonary rack, of, and blaces of stars interact, optimized standsilly as described. 3d, A stationary or movable rack, C, composed of perforated slats having longitudinal spaces between them in combination with serrated blades, D, arranged and operated substantially as described. 4th, The slatted and perforated grain rack arranged so as to incline toward the thrashing device and hinged to the main box or frame, A, substantially as described. the timesting device and indicate the second state of the second s

6th, The combination of a slatted rack or grain platform, C, the serrated grain or straw shakers operating through said grain rack and conveyor, ar-ranged and operating substantially as described. 4,472.—MACHINERY FOR MAKING HAT BODIES.—Eliza Wells, Brocklyn, N. Y. administrativa of the state of Henry A. Wells, deceased.

4.472.—MACHINERF FOR MAKING HAT BODIES.—Eliza Wells, Brooklyn, N. Y., administratrix of the estate of Henry A. Wells, deceased. Dated April 25, 1846. Reissue No. 396. Dated Sept. 30, 1856. Extended April 25, 1860. Reissue No. 1,087 Dated Dec. 4, 1860. Application for reissue received and 164 Nov. 13, Dated Dec. 4, 1860. Application for reissue received and 164 Nov. 13, 1867. Ist, I claim the combination of the rotating brush or picker, substantially such as described, therotating pervious cone provided with an exhausting mechanism substantially as described and the bottom piate or guide substan-tially as described tor directing the fur fibers toward the lower part of the cone and preventing the fibers going to was e the said combination having the mode of operating specified and for the purpose set forth. 20, The combination of the crotating brush or picker substantially as described the guide of deficer of rod directing the fur ubstantially as described and upper part of the cone substantially as described, the said combination having the mode of operation specified and for the purpose set forth. 36, The combination of the rotating brush or picker substantially as described, the said combination having the mode of operation specified and for the purpose set forth.

Beers on to the tip and upper part of the cone substantially as described, the said combination having the mode of operation specified and for the purpose set forth.
 3d, The combination of the rotating brush or picker, substantially as described, the rotating pervious cone provided with an exhausting mechanism substantially as described and the side g ides or either of them substantially as described the rotating pervious cone provided with an exhausting mechanism substantially as described the fur flueres to prove the the traveling out of the proper influence of the currents traveling to the cone and to protect the traveling flueres to prevent the fur flueres to prove the the traveling during flueres of the currents the said combination having the mode of operation specified and for the purposes set forth.
 4th, The combination of the feeding apronon which the fur can be placed in separate batchess described the rotating brush or picker substantially as described the rotating pervious cone or former provided with an exhausting mechanism substantially as described.
 5th, The combination of the feed apron on which the fur fibers can be placed in separate batcheseach in quantity sufficient to make one hat body the rotating brush or picker substantially as described, the combination having a mode of operation specified and for the purpose set forth.
 6th, The combination of the rotating purpose set forth.
 6th, the combination of the fort the purpose set forth.
 6th, the combination of the rotating brush or picker substantially as described, the combination having the mode of operation specified and for the purpose set forth.
 6th, the combination of the rotating brush or picker substantially as described.
 6th, the combination of the forthe purpose set forth.
 6th, the combination of the rotatin

Inventions Patented in England by Americans.

[Condensed from the "Journal of the Commissioners on Patents."]

PROVISIONAL PROTECTION FOR SIX MONTHS.

2,890.—APPARATUS FOR SUPERHEATING STEAM AND OTHER VAPORS.—Laf-fert R. Cornell, New York city. Oct. 15, 1867.

2,896.—CONSTRUCTION OF RAILWAYS AND RAILWAY CARRIAGES, AND MEANS FOR PROPELLING THE SAME —Chas. T. Harvey, Tarrytown, N.Y. Oct. 15, 1867. 2.941.—BEECHLOADING FIRE-ARM.—Samuel Norris, Springfield, Mass. Oct, 19, 1867.

2,971.-DREDGING AND SPICE BOXES.-George W. Putuam, Peterborough N. Y. Oct. 22, 1867.

2,931. STINKING OR FORMING WELLS. AND APPARATUS TO BE USED.-Stephen Brewer, Cortland, N. Y. Oct. 23, 1867.

3,041.—CENTRIFUGAL MACHINE FOR SEPARATING LIQUID FROM SOLID MAT-TER.—David McC. Weston, Boston, Mass. Oct. 28, 1867.

EXTENSION NOTICES.

James Pitts, of Clinton, Mass., having petitioned for the extension of a patent granted to him the 28th day of February, 1854, for an improvement in cotton picker cylinders, for seven years from the expiration of said patent, which takes place on the 28th day of February, 1868, it is ordered that, the said petition be heard at the Patent Office on Monday, the 10th day of February

next. George W. Coats and James Russell, of Springfield, Mass., having peti tioned for the extension of a patent granted to them the 1st day of August 1854, for an improvement in machines for sticking card teeth, for seven years from the expiration of said patent, which takes place on the 1st day of August, 1868, it is ordered that the said petition be heard at the Patent Office on Monday, the 27th day April next.

Iore set Iorn.	conveyor, K, and two menned planes,	in it, substantially as described.	Monday, the zith day April lext.
Advertisements.	GUN AND SEWING MACHINE Screws of all kinds and sizes on hand and made to order by the LAMB KNITTING MACHINE MF'G CO., Successors to the	IMPORTANT. MOST VALUABLE MACHINE for all kinds of irregular and atraight work in wood, called the Varlety Mold- ing and Linking Mosching, indiscovered to commetting in	PATENT POWER AND FOOT-PUNCH- ING PRESSES, the best in market, manufactured by N. C. STILES & CO., West Meriden, Conn. Cutting and Stamping Dies made to order, Send for Circuitas. 14 13*07
RATES OF ADVERTISING. Back Page	20 tf] Mass. Aims Co., Chicopce Falls, Mass THE BEST BOLT CUTTER IS MERRI MAN'S PATENT-Which cuts a full, smooth thread at once passing over the bolt. The dies revolve, are in- stantly adjustable to the slightest variation, and open to release the bolt. Foreign Patents for sale. Send for cir- culars. 20 tf] New Haven, Conn.	IMPORTANT. MOST VALUABLE MACHINE for all kinds of irreg- liar and straight work in wood, called the Variety Molo- im and Flaming Machine, indispensable to competition in all branches of wood-working. Our improved guards make it safe to operate. Combination collars for cutters, saving 100 per cent, and feed table and connection, for waved moldings and planka, place it above all others. Evidence of the superiority of these machines is the large numbers we sell, in the different states, and parties laying side others and purchasing ours, for cutting and shaping irregular forms, sash work, etc. We hear there are manufacturers infirming on some one or more of our nine parents in this machine. We can tion the public from purchasing such. All communications must be addressed "Combination Molding und Planing Machine Company, Post-office Box 3230, New York. All our machines are tested before de uvery, and warranted.	FOR FIRST-CLASS SHAFTING WITH Patent Self-oiling Boxes and adjustable Hangers, also Mill Work and special machinery, address, Harttord, Conn.
Inside Page40 cents a line. Inside Page, for engravings60 cents a line.	stantly adjustable to the signless variation, and open to release the bolt. Foreign Patents for sale. Send for cir- culars. H. B. BROWN & CO., 20 tf] New Haven, Conn.	laying aside others and purchasing ours, tor cutting and shaping irregular forms, sash work, etc. We hear there are manufacturers infringing on some one or more of our nine patents in this machine. We cau- tion the public from murchasing such	PRESSURE BLOWERS —Equal in Force to Piston Blowers, and a perfect substitute for both Fan and Pistons-running more easily than either. Adapt
AGENT WANTED IN EACH COUNTY. Highest Premium at Great Fair American Institute, 1867. Brown's Combined Carpet Stretcher and Tack-			to Piston Blowers, and a perfect substitute for both fan and Pistons-running more easily than either. Adapt ed for Blast, and Cupola, and Heating Purposes, Forges Steamships, Boilers, Ventilation, etc., etc. Prices accord ing to sizes, ranging from \$25 to \$1,500. Address, for Cir Cular B. F. STURTEVANT, 14 tf 72 Sudbury street, Boston, Mass.
Driver Stretches and Tacks Carpets simultaneous- ly, without stooping, bruised fingers, side aches or lame backs. Uses any kind of tack. Brown's Tack-Drawer accompanies the Driver. Send stamp for circulars. G. E. HARDING, 726 B'way, N. Y. "Operated with as little effort as the subsequent sweeping of the carpet. The Tack-Drawer catracts the tacks as easily."-Sci. American.	economy with the minimum of weight and price. They are widely and favorably known, more than 600 being in use. All warranted satisfactory or no sale. Descrip- tive circulars sent on application. Address J. C. HOADLEY & CO., Lawronce, Mass. 1 tf	TO IRON FOUNDERS.— By using the waste heat from a Cupola Furnace, connected with a Harrison Boiler, a saving of the entire cost offnel for the blast can be ruaranteed. As thus applied, it may be seen d ally in operation from 2 to 5 o'clock, p. m., at the Harrison Boiler works, Gray ¹⁰ Ferry Road, Pniladelphia, Pa. J. B. HYDE, Agent, 17 ti	THE CELEBRATED "SCHENCK" WOODWORTH PLANEKS WITH NEW AND IMPORTANT IMPROVEMENTS, Manufactured by the SCHENCK MACHINE CO., MATTEAWAN, N. Y. SCHENCK MACHINE CO., MATTEAWAN, N. Y. JOHN B. SCHENCK, President. T. J. B SCHENCK, Tress. 14 tf
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