descent of the products of combustion on their way to the escape fine, sub-stantially as described. 2d, An exposed coal magazine, D, an illuminating ring, C, an annular fine chamber, A', and a hollow base, B, arranged and combined substantially as described.

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chamber, A', and a hollow base, B, arranged and combined substantial, and a combination of a cylindro-conic coal supply magazine, the cylindric portion being exposed, an inclined illumination ring, C, furnished with mice or other transparent windows or doors, and a fire pot, all in the manner and for the purpose described. Ath, An scape pipe leading into the frame, K, from an exposed magazine, D, when this magazine is arranged over a fire pot surrounded by a descending fine and supported upon a hollow base, B, substantially as described.

D. when this magizine is arranged over a fire pot sufrounded by a descending fine and supported upon a hollow base. B, substantially as described.
79,506 — ANINAL TRAP.—E. B. Smith, Marietta, Ohio.
I claim the box, A A', with platforms, BC, constructed as described, spring catches, D E, flat spring, e', passage, i, and trap door, i', the whole being combined and arranged substantially as described.
79,507.—HARVESTER RAKE.—Edgar M. Smith (assignor to Mitchell, Vance and Company, New York city.
I claim, ist, In revolving, rising and rising, sour or line the basing of the operator, substantially as described.
79,507.—HARVESTER RAKE.—Edgar M. Smith (assignor to Mitchell, Vance and Company, New York city.
I claim, ist, In revolving, rising and rising, sour or line states, substantially as described.
2d, Locking and unlocking and moving of the rakes out and in by device, substantially as described.
3d, The combination of the trigger, i, and sliding lever, k, for moving the rake of a beater, at the will of the operator, substantially as described.
39,508.—Stove Polish.—Edwin C. Smith, Brandon, Vt.
I claim, a tore polish, composed of the ingredients set forth, substantially

I claim a stove polish, composed of the ingredients set forth, substantially 79,509.— Guide for Screws.—Norman Smith, Hartford,

Conn. I Conn. Leaim the combination of the tube, AB, and two or more springs. E, for the purpose of a guide for starting screws, substantially as herein specified. 79,510.—COOKING STOVE AND RANGE.—James Spear, Phila-

79,510.—COOKING STOVE AND HANGE. Counce of the second se

To be the and other purposes. 79,512.—HORSE HAY FORK —G. H. Strough. Watertown, N.Y. I claim, isr, The times, G G, constructed voltarinally as described, arranged to work in a recess, V, constructed as described, within the sheath or case constituting the body of a po-nied fork, and attached to the central rod. F, by m-ans of the pivoted links, it', all substantially as herein described. 2d, The manner of locking the shanks of the times, G G', between lips, v v, and shoulders, u, substantially as described. 3d, Effecting the retraction of the times by means of a spring or springs, applied within the pointed portion, D, of thefors, substantially as described (th, The arrangement of the pivoted spring catch, c, nose, e, tripping latch b, and cross head, E, substantially in the manner and for the purpose de-scribed.

79.513.—STRAW CUTTER.—D. Sturgis, Byron, assignor to himself and M. Tbatcher, Shiawassre, Mich. Antedated June 27, 1868. I claim the arrangement of the cylinder, as constructed with the frame, A, box, J, and feed rollers, K and N, connected together and operating as and for the purprese set forth.

urpose set forth. —Steam Boiler Furnace.—Frederick Sulter, St.

Paul, Mina. Paul, Mina. I claim the construction of the inclined and horizontal surfaces of the semi ircutar hearth, D, with its side air passages, C C, and spark and draft cham er, E, when arranged and combined as herein described and forthe pur-ues set forth. 79,515.--RAILWAY JOINT.--J. H. Swett, Birmingham, Pa.

Leasin, in combination with the abutting rule of two raitroad raits, the divided jaws, H, and the divided clamp, CC, said clamp being drawn up tight agains: the jaws, and the jaws against the raits, by a through tolt and nut, for the purpose of strengthening the joint, substantially as described. 79,515.-MACHINE FOR MAKING RIVETS.-James H. Swett, Number of the strengthening the state of the strengthening the strengthening the state of the strengthening the strengthening the state of the strengthening the strengthen

79,517.—DEVICE FOR VENTILATING MILLSTONES.—Robert Symes. St. Charles, Mo. I claim the blower, M. cold blast tube, b, fans, e e' e'' e''', tube, D, and con-denser, E, all arranged substantially as specified.

79,518.-HARVESTER.-C. R. Tabor and J. O. Tabor, Salem.

79,518.—HARVESTER.—U. R. 14001 and J. O. 14004, Satura, Onio.
Iclaim, ist, The arrangement of the lever, D', shaft, E' and arm. F", in combination with the stay, J, and drag plate, 1, for the purpose set forth.
2d, The lever, I', check lever, L', and iointed arm, O', all constructed and arranged to operate as and for the purpose specified.
79,519.—HARNESS BUUKLE.—Spencer P. Taylor, Oxford, Ohio. Antedated June 24, 1868.
I claim the buckle, E, constructed with bridge A, and spur, c, in combination with tongne, C, when said tongne is formed in the manner specified.
79,520.—LADDER.—Carl C. T. Thomas and Frederick A. S. Ravmond. Beverlv. Mass.

Raymond, Bererly, Mass. We claim the movable foot, B. constructed and attached to the side of the ladder, substantially as and for the purposes herein set forth. 79,521.--ComPOSITION CLOCK CASE.-Samuel B. H. Vance

13,021.--UUMPOSITION ULOCK UASE.-Samuel B. H. Vace and E. M. Smith (assignors to Mitchell, Vance & Co.), New York city, We claim, 1st. A clock frame, made of the composition harein described, as herein described and represented. As herein described and represented. Construction in initiation of marble, a metallic ring, embedded or cemented thereto, which ring serves as a seat for the clock gear, and other attachable or removable parts, as de-scribed and represented. 20, 500 Mittachable or the totachable or removable parts, as de-scribed and represented.

79,522.-METALLIC ROOFING.-Ethan P. Vaux, Washington (19) 522. — METALLIC INFORMATION - Ethion 1. Course, in definition of the point of the same is constructed and arranged substantially as herein described. 79, 523. — WATER HEATER FOR STEAM BOILER.—A. H. Walk-

er, Oswego, N. Y I claim the arrangement of the pipes, C C and C', chambers, h h, partitions, , annuiar chamber, b, drum, A, aad pipes, E and D, substantially as herein tforth.

79,524.-CLOTHES DRYER.-J. R. Watkins, Maine Prairie,

Minn. I claim, 1st, The plate, A, having the concave rear side, and provided with the cruciform slot, C, screw holes, D D, and the lug, B, substantially as and for the purpose set forth. 2d, in combination with the above, the screw rod, G, nut, H, and lug, F, having the head, m, and shaak, n, substantially as described. 79,525.—SASH SUPPORTER.—John N. Watrous, West Meri-den Constantial State State

(3),030.—DASH DOLLONDAN COMPANY (3),000. den, Coon. I claim the two spring frames, A and B, combined in a single case, provided respectively with springs, Ai and Bi, and bolts, A2 and B2, the yoke of cach bolt extensing back to the follower or armed hub. D which has its bearings in the side projections, C and C, and operating by the rotation of the spindle H, so as to withdraw either of the bolts, substantially in the manner herein in th forth

79.526.—LAMP SHADE.—Gustav Wedekind, Philadelphia, Pa. laim a lamp shade clash, stamped out in a disk form, in one piece, and radia sims, which are ben into position to hold the shade to itself, and to the giass chimney, substantially as herein described and reprel claim a with radia

79,527.-CHECK VALVE.-J. Wilson, Chester, assignor to A.

H. Simon, Pbladelphla, Pa. claim the valve, B, hung to projections, h, in the casing, confined thereto the screw cap, d, and arrange df for incroduction into and withdrawal from e said casing, all substantially as and for the purpose herein set forth.

79,528.— REGULATING DEVICE OF MILLSTONES.—S. Benson (assignor to himself. J. Benson, and J. F. Benson). Centralia, ill. I claim the combination of the springs, E E, the diss sectiona, D D', the pinion, C, and the spingle, A, arranged and operating substantially as and for the purpose herein described.

2d, The cradle, A, provided with openings in the bottom, a a', in combina-tion with the adjustable slides, e'', and spring or springs, B, constructed and made in the manner and form and for the purposes described. 3d, The cradle, A, and openings, a a', combined with the slides and adjust-able spring or springs. B, and morable platform, C, constructed and made in he manner and form and for the purposes described.

REISSUES.

66,935.--SKATE FASTENER.--Dated July 23, 1867; reissue 3,007.-E. H. Barney and John Berry, springfreid, Mass. We claim a skate fastener or key, composed of the socket, B, point, f, and button, e, when made of one or more pieces, substantially as described, and for the purposes specified.

tor the purposes specified. 74,799. — MODE OF TREATING MINERAL PHOSPHATE FOR THE MANUFACTURE OF FERTILIZERS. — Dated February 25, 1858; reissue 3,008. — John Commins, Charleston, S. C. 1 caim utiting, while hot, phosphatic miwerals or carths, with a solution of common salt (chloride of sodium), and water, in part or whole, as and for the purpose herein described.

-BASE BURNING STOVE - Dated February 13, 1855;

12,382 — BASE BURNING STOVE.—Dated February 13, 1855; ressue 3,009.—Dryision 1.—James Easterly, Aibany, N. Y. I claim constructing a store, as herem described, with openings for the ad-mission of airto the burning inel at some point or points above the grate, including between said points and the grate sufficient fuel for ignition, at any one time, enbatantially as described. 12,383.—BASE BURNING STOVE.—dated February 13, 1855; reissue 3,010.—Division 2.—James Easterly, Aibany, N. Y. I claim, 1st, A cooking stove, which is provided with a coal supply maga-zine and a combustion chamber, arranged without the space enclosed by the outer waits of the stoye, substantially as described. 2d, The combination of a coal supply magazine, with a cooking stove, sub-stantially as described. 3d, I n a cooking stove having a magazine for supplying the combisition chamber with fuel, inless for the admission of air to the burning fuel, arrang-ed at some point or points above the grate, substantially as described. 4th. The relative arrang ement of the several barts of the stove, whereby the heated products are caused to circulate around the oven, substantially as described. 55,217.—CIGAR MACHINE.—Dated May 29, 1866; reissue

as described. 55,217.—CIGAR MACHINE.—Dated May 29, 1866; reissue 3,011.—George Moebs, Detroit, Mich., assignee by mense assignments of G. Albert R-iniger I claim, ist, The table, A, provided with the tronghs, M, in connection with the orgar machine, substantially as and for the purpose described. 2d The spring books, J, in commination with the table, A, apron, b, and roller, a, constructed and operating substantially as and for the purpose specified.

specified. 74,941.—CHURN.—Dated February 25, 1868; reissue 3,012.— Jonn B. Raynor, Mazo Manie, Wis. I claim, 1st, Theshaft, C, provided with a series of straight arms, H H, when arrange in combination with the box, B, having a series of I I, in the manner and for the purposes set 1.1th. 24, The angular arms, G, constructed as shown and described, and arranged upon the dasher shaft, to operate substantially as and for the purposes speci-fied.

66.202.—Corton GIN.—Dated June 25, 1867; reissue 3,013.-

upon the dasher solit, to operate substantially as and for the purposes specified.
66,202.—COTTON GIN.—Dated June 25, 1867; reissue 3,013.— Henry Valenthe Scattergood, Albany, N.Y.
1 claim, ist, A ginning cylinder, formed with circular ribe or projections being everated above the other portion of the surface of the ginning cylinder, and thus leaving grooves for the recerbin of the guards, substantially as specified.
24, Forming the ginning cylinder, formed with circular ranges of needle pointed teeth, the guards, R for with openings to their upper ends, as and for the purposes specified.
34, In combination with a cylinder carrying circular ranges of needle pointed teeth, the guards, R for with openings to their upper ends, as and for the purposes specified.
4th, Attaching the delivering or doffing roller upon arms extending from the axis of the perforated condensing roller or orlinder, so that said enlivery roller is allowed to rise and accommodate the thickness of the bat, and is kept properly m contact with the condensing roller or rollers formed with smooth perforated surfaces, the screen, V. and brush blower, B, for conveying the cotton to the condenser, as specified.
6th, A condensing roller or rollers, south statistily in the manner for the purpose above described.
9,653.—CORDED ELASTIC FABRIC.—Dated April 5, 1853; extended seven vears; reissue — . dated June 18, 1867; reissue 3,014.—Division B, WILLED LL.—Diated July 8, 1856; reissue 3,015.—John Tyler West Lebanon, N. H.
I claim the corded fabric, substantially as the spaces between the cords, and only there, substantially as above shown.
15,309.—WATER W HEEL.—Dated July 8, 1856; reissue 3,015.—John Tyler West Lebanon, N. H.
Also, the combination of the scale backets, d. d., when the said backets are formed with an projection the said backet shead, e, when the said backets are formed with a classitation and backets are formed backet, d. d., substantially in

of the series of buckets, d d, substantially as and for the purpose herein set forth. Also, the combination of the elevated cover, D, with the curb of my im-proved water wheel, when the said cover is so proportioned as to receive and sustain the upper bearing box of the shaft of the wheel, substantially as here-lase forth.

et forth. Also, the combination of the detacbable gate box, B, with the mouth of water way of the water wheel, all substantially in the manner and for purpose berein set forth. 516.—LAMP SHADE.—Dated July 9, 1867; reissue 3,016.—

the purpose berein set forth.
66:576.—LAMP SHADE.—Dated July 9, 1867; reissue 3,016.— James Emery, Bucksport, Me.
I claim a jamp shade, nade of a screen, A, and a carrier, B, designed to be attacked, by its upper end, to the chimney of a lamp, with a portion of its odd formed to rest a sinst the side of the chimney, which thus serves as a fulcrimon which is sanport the shade in an inclined position, constructed and applied together, substantially as specified.
31,566.—DRIER.—Dated February 26, 1861; reissue 3,017.— Fractis H. Smith. Baltmore, Md.
1 claim, ist, The runnel, A B C furnace, R, and chimney, L, when the former is so constructed and arranged that the current of warm alies supplied to the same at the opposite point from whice, the articles to be dried enter, which causes the articles to be subjected to the action of a varying tempera-ture, sub-tantially as described, and forthe purpose specified.
33, The tunnel, A B C, turnace, R, and chimney, L, and gakes, F G H, when the same are so comound and arranged as to operate substantially as de-scribed and for the purpose specified.
34, The tunnel, A B C, turnace, R, chimney, L, and gakes, F G H, when the same are in combination with the rails, E E, and car, J, and the whole ope-rates substantially as adfor the purpose specified.
30, 4, 6, -WA TER W HEEL.—Dated June 1, 1858; reissue 3,018.
John Tyler, West Lebanon, N. H.
John Tyler, West Lebanon, N. H.
John The el, Meel, when arranged and operating in conjunction with the movable curb section, k, thereof, substantially in the manner herein set forth, 40,22%.—LAMP.—Dated October 13, 1863; reissue 3,019.— Lewis J. Atwood, Waterbury, Conn., assignee, by mesne assignments, of bimedi.
I claim, ist, A concave draft plate, having an elong sted slot, in combina-tion with achimer bioder. biol we before and the state during the state of the storied and for the purpose specified.

Lewis J. Atwood, wateroury, Cohn., assignee, by meane assignments, or bimself. I claim, ist, A concave draft piate, having an elongsted slot, in combina-tion with achimney holder, below the diace of that drattplate, and attached to the burner, substantially as set forth, so that the flame will be spread and the light shine ooth above and below the diatplate. 2d, An opening or series of openings between the said concave draft plate and the interior of the chimney, to allow an anxiliary draft to pass to the dame, in combination with a foraminous air distributor, connected to the burner, substantially as set forth. 3d, A foraminous air distributor, e, formed with or connected to the burn-er, in combination with a draft plate, supported from the burner and within the chimney, substantially as specified, whereby the action of the air on the flame is regulated by the joint action of said draft plate, air distributor, and chimney.

chimney. 4th, An air distributor, substantially as specified, in combination with the draft plate and a glass chimney, having a contraction or neck at or near the said draft plate, whereby the said draft plate can be made smaller than with before the said draft plate in the same state of the same st

3,084.-HANDLE OF SPOON OR FORK .-- Augustus Conradt, Pnilad

JULY 15, 1868.

3,085.—Fork or Spoon Handle.—Augustus Conradt, Phila-3,085 and 3,087.--MEDALLION SCARF RING.-Ralph S. Jen-

nings, New York city, 3.088 to 3.093.— FLOOR OIL CLOTH PATTERN.--Charles T. Meyer, Bergen, N. J., assignor to Edward C. Sampson, New York city. 3,094.—CARD BASKET.—Geo. L. Underwood, Boston, Mass.

EXTENSION NOTICES.

Jobn J. Weeks, of Oyster Bay, N. Y., having petitioned for the extension of a patent granted to him the 26th day of September, 1854, which patent was surrendered and application made for reissue in four divisions, for an improvement in harvesters of grain and grass, for seven years from the expira-tion of said patent, which takes place on the 26th day of September, 1868, it is ordered that the said petition be heard at the Patent Office on Monday, the 7th day of September next.

Joel F. Keeler, of Pittsburg, Pa., having petitioned for the extension of a patent granted to him the 26th day of September, 1854, for an improvement in platform scales, for seven years from the expiration of said patent, which takes place on the 26th day of September, 1868, it is ordered that the said petition be heard at the Patent Officeon Monday, the 7th day of September next.

Inventions Patented in England by Americans. [Compiled from the "Journal of the Commissioners of Patenta."]

PROVISIONAL PROTECTION FOR SIX MORTES.

1,250.—HEATING AND VENTILATING APPARATUS.—Jobn Johnson, Saco, Me. April 16, 1868.

1,728.--REMOVING INK AND COLORS FROM PAPER, ETC.-JOSEDh A. Veazie, Boston, Mass. May 26, 1868. 1,732.-Rotary, Steam, and other Engines.-J. M. Boorman, Scarbor ough, N. Y. May 25, 1868.

1,734.-PACKING FOR STEAM ENGINES, ETC.-Ivon B. Miller. Hackney Road, Middlesex, Eng., and Wm. H. Miller, Philadelphia, Pa. May 26, 1868. 1,736.—BREECH-LOADING FIRE-ARMS AND CARTRIDGES.—B. Burton, Brook-lyn, N. Y. May 26, 1868.

1,737.-PLOWS AND OTHER IMPLEMENTS FOR CULTIVATING LAND.-S. G Reynolds, Bristol, R. 1. May 26, 1868.

1,760.-Apparatus for Hopping BEER.-Wm. S. Haight, Waterford, N. Y. Msy 28, 1868. 1,853 - PROJECTIL'S FOR RIFLED CANNON OR ORDNANCE.-E.A. Dana Brookline, Mass. June 5, 1863.

MANUFACTORING, MINING, AND RAILROAD ITEMS.

The largest gold brick ever seen in Montana was lately on exhibition in a oank in Helena. Its weight was 1.682 ounces, and its value \$31.050.

The Superintendent of the Pennsylvania railway, investigating the relative cost of making high and moderate grades, has shown that if of two roads. each one bundred miles long, the one has grades of twenty-five feet to a mile, and the other level, and the demand for transportation on each amounts to 2,000,000 of tuns per annum, the difference in favor of the level road is \$600.000. or the interest on \$10.000.000.

At the steel works of John Brown & Co., at Sheffield, Eng., is a machine for cutting iron rails cold. A circular saw, sixteen inches in diameter and one quarter inch thick, making twenty revolutions per minute, has the power and actually does the work of cutting six steel rails everyhour. A feature admirable for the order and cleanliness of the same mill, is a cemetery for the rolls not in use, where they are all buried in special tombs provided for their reception under the iron floor of the mill, whence they are easily removed by the bydraulic cranes.

Protessor Hitchcock, of Amherst College, in a recent public lecture, said there was enough copper ore in Gardner's Mountain, New Hampshire, to supply all the United States for two hundred years, the metalliferous vein extending for five miles, and baving an average depth of five hundred feet.

The mineral wealth of Algiers is represented to be inexhaustible. At the iron mine Makta el-Hadeel, near Bône, the mineral in some places crops up above the surface of the ground, and is worked in immense, crater-like cuttings to a depth of one hundred feet. About 200,000 tuns of ore, yielding 65 per cent of pure metal, are annually sent to France from these mines.

The most expensive railway line in England, and probably the costliest ever constructed, is that of the London and Southeastern company's, from Charing Cross to Sevenoaks. Upon this road, less than twenty six miles in length, the enormous sum of \$47,500,000 in gold has been expended. We were informed by an engineer in London that the Charing Crossconnectionin the city, in length about two and a half miles, cost \$5,000 per yard forward, in cluding stations and two bridges across the Thames.

The large alum works in the province of Brandenburg, Prussia, bas been . purchased by two enterprising New Englanders engaged in business in Hamburg. The number of American firms in that city have doubled since 1866

Recent investigation has proved the fact that the Island of Newfoundlan 1 possesses mineral treasures in large variety and abundance. Since the discovery bas been made, the project has been revived of building a railway

from St. Jobnsacross the country to the western shores of the island. The projectors of the road-among whom is our energetic countryman, Cyrus W.

Field-have secured a tract of land twenty miles in width, and extending over the whole length of the contemplated route, the land being wonderfully ricb in copper ore of the very best quality. The railroad will open up the en tire inland country, and render it accessible for mining operations.

At a recent conversazione of the London Institute of Civil Engineers, a cu rious process for manufactuling steel by friction was explained and commented upon. By the aid of machinery pig iron is ground to powder by a

rapidly moving cutter. The great amount of friction generated produces a

heat so intense that the iron is set on fire, and after scintillating falls down as

redd ish-brown dust, the combustion having caused the riddance of the super-

fluous carbon. The dust is collected, put into a crucible, melted, and when

In boring a well to obtain water in the town of Dax. Department of Landes

France, a bed of rock salt was discovered at the depth of one hundred feet By the use of water, injected through a pipe, the perforation was continued

through the rock salt some fifty feet further, and the result is a saline fluid containing nearly ninety-eight per cent of pure salt. A company has been

cooled is found to formingots of steel of superior quality.

formed to work these remarkable deposits.

the purpose herein described.	said draft plate, whereby the said draft plate can be made smaller than with	
79,529.—CAR STARTER.—I. N. Bevens, Thomaston, assignor	a straight or tapering chimney, and not obstruct the light, substantially as	
to simself, John H. Olcott, and G. G. Griswold, Plymouth, Conn.	shown.	NEW PUBLICATIONS.
I claim the lever, B', so constructed and applied as to act directly upon the ratcher wheel, D. and employed in combination with the lugs. E, sliding	5th. The chimney holder and the aforesaid draft plate, in combination with	
draft rod or bar, H, chain, F, pulley, G, and catch, m, arranged and operating	mechanism, substantially as specified, for connecting the chimney holder to the burner, whereby the chimney can be removed for trimming or lighting	ENGRAVED PORTRAIT OF GENERAL GRANT.
in the mauner and for the purpose explained.	without peing detached.	1
79,530.—CLAMP FOR WOOD BENDING MACHINES.—J. B. Van	6th, Connecting the said draft plate to the burner by a slide, so that it may	Many of our readers are doubtless familiar with Marshall's celebrated en
Horn. Trenton. N. J.	be adjusted in position or removed, substantially as and for the purposes set	graving of Abraham Lincoln, which as a work of art has received the un-
I claim the clamp, A, baying angular flanges, e e, in combination with the	forth.	qualfied praise of critics both in Europeand ourown country. Thesame
wedge. B, when the same is constructed as described, and the whole operated		artist has produced, from his own oil painting, a very fine engraving of Gen,
substantially as described and for the purpose apprinted.	DESIGNS.	Grant, which has received the indorsement of his family. As a superb work
79,531.—CLOTHES SPRINKLERJ. W. Walters, Tiffin, Ohio.		of artit equals that of Lincoln, and is wortby of the highest commendation
1 claim, as a new article of manufacture, a clotbes sprinkler, constructed as		
described, and consisting of avessel, A, having a perforated head, and pro- vided with a hollow handle, B, valve, c, stem, E h, and springs, s, all arranged		It is published by Ticknor & Fields, No.63 Bleeckerstreet, New York, and
and operating as set forth.	New York city.	is sold by subscription only. We are asked to state that agents are wanted
79,532ATTACHING HANDLES TO MOLDBOARD OF PLOWS	3,074.—Show Case FRAME.—F. A. Howell, New York city.	for its sale.
Chas. Williams, Jackson, Miss,	b, or it. Show Case I had it. It. How on, ite with only.	
I claim the lugs, a a, bolts, d d, nuts, c c, and handle, c, the whole com-	3,075SCREENCalxin L. Hubbard, New Haven, Conn.,	
bined a tranged, and operated substantially in the manner herein shown and	assignor to "New Haven Steam Heating Company."	Nostrand, 192 Broadway, New York city.
described and for the purpose set forth.	3,076.—Coffee UrnGeorge Jones, New Haven, Conn.	The author and compiler of this manual very justly says that "no two me-
79.533.—SPOKE AND FELLY CONNECTION.—Geo. Allen, Win-	3,077.—BOTTLE.—A. Legrand Aine, Fecamp, France.	
chester, Mass., assignor to B. W. Conroy, Port Huron, Mich.	3,078.—BADGE.—Edward Moore, Portland, Me.	chanics work alike," and it needs but little observation to verify its truth.
I claim the within described device consisting of the tubular socket A the		In many shops, particularly the jobbing machine shop, a readiness to adapt
transverse concave seat or rest, B, the attaching arms, C C, and the tenon or	3,079.—Cook's StoveJ. A. Price, Scranton, Pa. 3,080.—Doors of a Cook's StoveChas. J. Woolson, Cleve-	with celerity the tools or appliances on hand, or to contrive plans for an ex -
and extending entirely through the felly, in order to cause the tire to be	3,080DOORS OF A COOK'S STOVEUnas. J. WOOISON, CIEVE-	igency, is a rare and valuable quality in workmen, and such men are not
supported by the said tenon, D, substantially as and for the purpose set	Ista, Obio.	easily found. To enable the apprentice to learn and the journey man to com
forth.	3,081.—Toy GUNSpencer H. Brown and Chas. H. Willets,	
79,534.—BABY JUMPER AND CRADLE.—George H. Mellen,	New York city.	mand the use of such appliance, is the intention of this volume. As a prac-
Caicago, Ill.	5,002BURULL TO BE APPLIED TO ENVELOPESMaio S.	tical mechanic we think the writer has succeeded in imparting information
I claim. let. The cradle. A, provided with the openings in the bottom, a a',	Chapman, Hartford, Conn.	valuable because given by a practical man, and useful because well arranged
I claim, 1st. The cradie. A, provided with the openings in the bottom, a a'. paste substantially in the manner and form and for the purpose described.	3,083TRADE MARKSpencer M. Clark, Washington, D. C.	and profusely illustrated.
	•	•