

82,451.—HARROW.—J. J. Thomas, Union Springs, N. Y.  
I claim a hand brush or spiked harrow, constructed of pieces of plank, hinged together as described, and provided with numerous inclined teeth, pointing backward at an inclination as to each other or situated over any stalks of weeds, straw, or other refuse matter, substantially as described.

82,452.—SPIKE MACHINE.—L. Thomas, Allegheny City, as assignor to A. Kroman, Lawrenceville, Pa.  
I claim, 1st, in a machine for making spikes and bolts, a sliding carriage, B, which carries the spike or bolt blank, A, after being severed from its parent bar, and while firmly gripped by pressing dies, in combination with a header, G, constructed and operating substantially as and for the purpose hereinbefore set forth.

2d, The pair of swinging and pointing tools, A', in combination with a pair of guiding and pressing rollers, H, arranged and operated substantially in the manner and for the purpose hereinbefore described.

3d, The cam, F, cam lever, C, and double parallel bars, I, or their mechanical equivalents, all arranged with reference to one of a pair of pressing dies in a spike machine, to secure first a partial and then a complete closing of the dies on the spike blank, substantially in the manner and for the purposes above set forth.

4th, In the manufacture of rail and spikes, the header, G, with a fluted shank, hung and operated, substantially as above described, so that it shall except at the completion of the stroke of the machine, have its face inclined to the direction of the faces of the pressing dies, for the purposes hereinbefore specified.

5th, In a machine for making spikes, the arrangement of the cams, d, and e, operating in cam yokes, substantially as described, so that one cam, d, which actuates the cutting and pointing tools, A', shall act a little in advance of the other cam, e, which operates the sliding carriage, B, in order that such tools, A', may be partially opened and closed in advance of the beginning of the motion of the carriage, substantially as above described.

6th, The combination, in a spike machine, of swinging pointing tools, A', pointing rollers, H, pressing dies, B, and header, G, substantially as and for the purposes above set forth.

82,453.—SAUSAGE STUFFER AND LARD PRESS.—Nathaniel S. Underkuffler, Norristown, Pa.  
I claim the combination of the vessels, H and J, constructed as specified, and connected, within the dovetailed recess in the table, with the standard, C, lever, E, and follower, F, all as herein shown and specified.

82,454.—CEMENT.—George William Upham, Amherst, N. H.  
I claim the within described cement, composed of the ingredients herein named, and compounded in or about the proportions set forth.

82,455.—SHAFT COUPLING.—James S. Upton, Battle Creek, Mich.  
I claim the sockets, B, B, provided with gudgeons, C, C, and connected to the shafts, A, A, by means of the pins, a, secured in the slots, x, x, by the leather keys, all as herein shown and described.

82,456.—JOINT FOR CARRIAGE TOP PROP.—Elbertson W. Waite, New Haven, Conn.  
I claim, 1st, a joint, formed by combining segmental grooves, near the ends of the parts to be united, with a circular rib upon the joint piece, substantially as specified.

2d, The joint pieces, c, with circular ribs, d, entering segmental grooves, c, in the bars, a, b, in combination with the cylinder, i, and bolt or rivet, f, substantially as specified.

82,457.—BEDSTEAD.—William M. Ward, and Peter Bennage, Eureka, Ill.  
We claim a bedstead, having rods, C, hoops, D, swivels, E, screws, G, pinholes, a, slats, d, strips, e, and blocks, b, all arranged and operating substantially as described.

82,458.—LAMP.—Charles Webber, and Henry Reimann, West Meriden, Conn.  
We claim the construction and arrangement of the cup, B, recessed tubule, C, the porting device, C, open platform, E, air sieve, F, and cone, G, as shown and for the purpose described.

82,459.—SOAP AND DETERGENT COMPOUND.—Henry W. Weedon, High Point, N. C.  
I claim the peculiarly specified combination of ingredients, and the definite quantities of the same, as set forth.

82,460.—STEAM GENERATOR.—S. Lloyd Wiegand (assignor to Walter J. Budd, Philadelphia, Pa.) Antedated September 4, 1865.  
I claim, 1st, The oblique or spiral deflectors or guides in double boiler tubes, substantially as shown and described.

2d, The tangential or spiral mouths, as shown, for conducting a supply of fluid to the descending columns in double boiler tubes, as shown and described.

3d, The deflecting caps or domes, or the equivalents thereof, substantially as shown and described.

4th, The conical apertures, C, substantially as shown and described.

82,461.—ROTARY EMBOSSEING PRESS.—I. M. Wilbur, Cleveland, Ohio.  
I claim, 1st, The combination of the rollers, B, C, impression plates, D, and counter plates, D', operated by means of the lever, E, through the medium of the cog wheels, A, and C, the whole being constructed and arranged in the manner shown and described, as and for the purpose set forth.

2d, The lever, E, with its adjustable pawl, F, in combination with the rollers, B, C, arranged to operate as and for the purpose described.

82,462.—INK PAD FOR HAND STAMP.—I. M. Wilbur, Cleveland, Ohio.  
I claim the improved ink pad herein described, consisting of the blocks, A, A', provided with the composition facing surface, C, in combination with the ink reservoir, B, distributing rollers, G, G, mounted on the carriages, D, D, the guide rods, B, B, and handles, K, K, all constructed and arranged to operate substantially as and for the purpose set forth.

82,463.—MACHINE FOR FORMING STEREOTYPE PLATES.—I. M. Wilbur, Cleveland, Ohio. Antedated September 16, 1866.  
I claim, 1st, The roller, C, having a milled or file cut circumferential surface, for the purpose described, in combination with the apron, D, arranged and operated, and for the purpose set forth.

2d, The sliding bed, E, having a head or upright, G, with its curved surface, and the adjusting screw, H, in combination with the roller, C, and a rod, D, all constructed and operating as described, and for the purpose set forth.

82,464.—STEREOTYPERS' PUTTY.—I. M. Wilbur, Cleveland, Ohio. Antedated Sept. 17, 1866.  
I claim the composition hereinabove described, for the purposes specified.

82,465.—HAND BRUSHING AND POLISHING APPARATUS.—William H. Willson, New York City.  
I claim, 1st, So arranging the coiled spring and the system of gearing with the cylindrical body furnished with axial handles, A, to secure the rotary movement of such body, substantially as herein set forth.

2d, The arrangement of the friction brake with the cylindrical body furnished with axial handles, whereby the rotary movement of the same may be stopped, substantially as herein set forth.

3d, The arrangement of the coiled spring, the system of gearing, the stem of the handle, A', and the frame, A, with reference to each other and the friction brake, B, dividing the cylindrical body, B, substantially as and for the purposes specified.

82,466.—CAR WHEEL.—William Wilmington, Toledo, Ohio.  
I claim the within described method of casting cast wheels of two qualities of iron, that is to say, one of a quality to be poured into the portion of the mold designed to form the hub of the wheel, and the other being poured into that portion of the mold designed to form the rim of the wheel, the two currents of iron meeting within the mold, and there acting upon and mingling with each other, substantially as set forth.

Also, as an improved manufacture of a car wheel produced of two qualities of molten iron, by the method herein set forth.

82,467.—OIL GLOBE FOR STEAM CHIMNEY.—Charles A. Wilson, Cincinnati, Ohio.  
I claim the arrangement, as described, of the globe, A, hub, C, cock, E, apertures, F, G, recess, H, channel, I, passages, J, K, L, and channel, F, as herein described.

82,468.—COMPOSITION FOR DESTROYING INSECTS ON POTATO PLANTS.—James P. Wilson (assignor to himself and V. R. Darce), Elmwood, Ill.  
I claim a powder, prepared of the materials and in the manner specified, to be used for the destruction of potato bugs.

82,469.—WHIFFLE TREE HOOK.—James Wood, Utica, N. Y.  
I claim the cap, B, with the hook, B', cast or attached to it both shaned and constructed as herein shown, and secured to the whiffle tree in the manner and for the purposes herein shown and described.

82,470.—MAKING NUTS.—Oliver W. Yale, Hartford, Conn.  
I claim the arrangement of the cams, c, c', cam grooves, F, F, and crank shaft, C, with the cross head, D, levers, U, P, S, and joggles, R, R, in the manner described.

Also, the arrangement on the arvil, L, of the stationary die, K, slides, M, O, edge saws, Z, and stripper, U, in the manner described and for the purpose set forth.

Also, the combination of the punches and face saws with the edge saws, the transfer and the arvil block, all constructed, arranged and operated substantially as described.

82,471.—APPARATUS FOR EXTINGUISHING FIRE.—George Clark, Jr., Boston, Mass.  
I claim the combination and arrangement of the water tank, C, the compartments, G and H, and the pumps, J and K, (the latter being disposed within the intermediate compartments, I, and both being connected with the air chamber), the pipes, a, a and c, d, in addition to the ordinary feed and discharge pipes of the pump.

82,472.—ARMY WAGON.—Alfred Sully, United States Army.  
I claim, 1st, The body, C, constructed as described, and provided with seats, F, F and E, receptacles, L, and railing, M, all substantially as and for the purposes herein set forth.

2d, In combination with the seats, F, F, the hinged dash boards, G, G, and foot boards, H, H, substantially as and for the purposes herein set forth.

3d, In a wagon provided with suitable seats and foot boards, the employment of sectional tent pieces, J, J, substantially as and for the purposes herein set forth.

4th, The combination of the body, C, seats, F, F and E, railing, M, receptacles, L, dash boards, G, G, foot boards, H, H, and folding tent pieces, J, J, all as herein shown and described.

82,473.—LOCK NUT AND TIGHTENER.—H. W. Olney, R. R. Logan and J. H. Fisher, Allegheny City, Pa.  
We claim the lock nut and tightener above described, consisting essentially of the coiled spring, A, bent and attached to the nut and the part, C, is the same, shown and operating in connection with a screw, d, substantially as described.

REISSUES.

46,699.—PICTURE CARD FRAME.—Dated March 7, 1865; reissue 3,135.—Garret P. Bergen, Brooklyn, assignee of R. W. Potter, New York City.  
I claim, 1st, A card frame for a picture, formed with an opening embossed around its edges, substantially as set forth.

2d, Cutting a hole and simultaneously embossing the border in a picture frame, substantially as described.

74,497.—SCROLL SAW.—Dated February 18, 1868; reissue 3,136.—B. J. Camp, Marion, Ohio.  
I claim, 1st, A cutting or clamping the lower end of the saw blade, B, to the pivot pin, F, by means of the screw, a, and an end set screw, b, the tenon thereof being inserted into a hole in the saw, so that the saw is clamped between the shoulder of said set screw and side of the pin, F, substantially as herein set forth.

2d, The forged adjustable springs, H and I, arranged as described, one above the other, for the purpose of obviating the danger of breaking the saw, at the same time as they act as guides for it, substantially as herein set forth.

3d, The up-and-down adjustable guide bar, G, carrying the bent spring, H, constructed and arranged to operate substantially as herein set forth.

58,317.—HARVESTER RAKE.—Dated October 9, 1866; reissue 3,137.—Joseph Dick, Jr., Oswayo county, Ontario, and Eugene Glen, Rochester, N. Y., assignees, by mesne assignments, of Joseph Dick, Jr.  
We claim, 1st, The joint ball, g, working within the pulley or case, B, both constructed and operating, with reference to each other, substantially as shown and described, for the purpose of communicating power to and in combination with an automatic rake for harvester.

2d, The hanger, A, the pulley or case, B, and the joint ball, g, all constructed and operating with reference to each other, substantially as shown and described, for the purpose of communicating power to and in combination with an automatic rake for harvester.

3d, The arrangement of the sections, G and G', upon the vertical sleeve, f, and the segmental pinions, C and C' upon the horizontal driving shaft, E, of the rake, as shown, so as to constitute, collectively, an entire circle of gearing, as shown and described.

4th, The arrangement of the detachable pulley, T, with the sleeve or ferrule S, having one or more locking pins, c, substantially as and for the purpose set forth.

5th, The arrangement of the elevating lever, L, ratchet, O', head Q, chain, U, and pulley, V, in combination with each other and brace of the shoe, as and for the purpose set forth.

15,735.—HARVESTER.—Dated September 16, 1856, reissue 3,138.—Division F.—William Gage, Buffalo, N. Y., and Andrew Whiteley, Springfield, Ohio, assignees of William Gage.  
We claim the harvester's cutting apparatus, having the shoe, M, the finger bar, N, and the narrow divider, O, or their equivalents, constructed and combined, substantially as herein described, so that this cutting apparatus will have one axis of motion between said shoe and the frame of the machine, to which one end of the cutting apparatus is attached, and the other end of the apparatus may rise or fall within the limit allowed it, with the undulations of the ground over which it is drawn, without affecting or being affected by the height of said axis or the vertical position of the cutter's driving wheel.

The combination of the herein-described shoe, M, finger bar, N, and narrow divider, O, or their equivalents, in the harvester's cutting apparatus, when one of these portions of said divider, which supports the shoe while being cut, is of less width than the other, substantially as and for the purpose set forth.

The combination of the shoe, M, finger bar, N, and narrow divider, O, or their equivalents, in the harvester's cutting apparatus, with the coupling frame, F, or an equivalent thereof, to enable the axis at the inner end of this cutting apparatus to be raised or lowered in respect to the main frame, substantially as and for the purpose described.

The combination of the coupling frame, F, and the pivots, I, I, or their equivalents, with the main frame of the harvesters, so as to have one portion or end of the hinge between these frames in front, and one in the rear of the axis of the cutter's driving wheel, substantially as and to obtain the advantages described.

The combinations of the inward projections, I, I, and the plate, G, or their equivalents, with the shoe, M, finger bar, N, and the narrow divider, O, in the harvester's cutting apparatus, to limit the downward vibrations of the outer end of this cutting apparatus, substantially as described.

The combinations of the slots, m, m, the bolt, n, the washers, o, o, and the screw nuts, p, p, or an equivalent arrangement of parts, with the shoe, M, finger bar, N, and narrow divider, O, in the harvester's cutting apparatus, to hold up the inner end of this cutting apparatus, substantially as and for the purpose set forth.

The combination of the track clearer, T, or its equivalent, with the shoe, M, finger bar, N, and narrow divider, O, in the harvester's cutting apparatus, so as to separate the grass cut by this apparatus from that which is to remain uncut, substantially as described.

The combination of the track clearing wheel, P, or its equivalent, with the shoe, M, finger bar, N, and narrow divider, O, in the harvester's cutting apparatus, so as to carry the divider in one of the ways named, substantially as and for the purpose specified.

65,377.—MODE OF DRYING GLUE.—Dated June 4, 1867; reissue 2,971, dated June 9, 1868; reissues 3,139.—A.—George Guenther, Chicago, Ill.  
I claim, 1st, Drying glue by wetting solid surfaces with the glue in a liquid state and allowing it to dry thereon in thin flakes, as herein specified.

2d, Facilitating the drying of glue in thin scales or flakes on solid surfaces by circulating air therewith, as herein specified.

3d, In the production of scale glue on solid surfaces, the employment of artificial heat within the solid surfaces, or in the air, or both, as herein specified.

4th, The mode of drying glue in thin scales, by revolving or rotating surfaces, having their temperatures raised either by steam or hot air, substantially as described.

5th, Drying glue on thin revolving disks, as and for the purpose herein set forth.

65,377.—MACHINERY OR APPARATUS FOR DRYING GLUE.—Dated June 4, 1867; reissue 2,971, dated June 9, 1868; reissues 3,139.—B.—George Guenther, Chicago, Ill.  
I claim, 1st, The perforated case or air distributor, E, arranged as represented relatively to the drying surfaces, A, and to the current of air artificially thrown thereon, for the purposes herein set forth.

2d, The arrangement of the rollers, C, C, or their equivalents, whereby the surfaces, A, are immersed in the liquid glue and removed therefrom at will, substantially as and for the purposes herein set forth.

40,571.—ROTARY STEAM ENGINE.—Dated November 10, 1863; reissue 3,131.—Metropolitan Engine Company (assignees, by mesne assignments, of Adolph Milneau), New York City.  
We claim the rotary steam engine, I, J, with its valves, k, k', m, and m', in combination with the ring, c, and pistons acting in the steam spaces, y and z substantially as specified.

54,434.—MANUFACTURE OF PAPER COLLARS, ETC.—Dated May 1, 1866; reissue 3,132.—George W. Ray, Springfield, Mass.  
I claim paper, composed of an enamel laid upon either one or both sides, whether before or after its conversion into articles of wearing apparel, all substantially as herein described.

18,873.—BOWING MACHINE.—Dated December 15, 1857; reissue 3,133.—Arcadius Wyckoff, assignee, by mesne assignments, of Lafayette Stevens, Elmira, N. Y.  
I claim, 1st, The oblique trussing rests, O, O, in combination with the screws, T, T, and pins, which are arranged in relation to one another, and used in connection with the dog, Q, and chain, P, for the purpose of adjusting the timber to the auger, and holding it truly, substantially as set forth.

2d, The combination of the staff, K, worm, I, pinion, J, and rack, I', arranged to operate as the trussing head, E, substantially as set forth.

3d, An annular auger cutter head, the outline lips of which project in the direction of the same thing, and are formed on a curved and oblique line, substantially as set forth.

4th, The loose independent collar, f, provided with knife edges, g, g, to keep it from turning, for the purpose of furnishing a bearing for the head of the auger while in operation.

5th, The sharp annular spur, e, for the purpose of centering and guiding the auger, and at the same time leaving a core of the material bored in the center of the auger, in the manner specified.

80,456.—NUTMEG GRATER.—Dated July 28, 1868; reissue 3,134.—J. L. Coles, and D. H. Coles, New York City.  
We claim a box, A, containing a revolving carrier, D, having a series of chambers with spring followers, which press the articles to be grated against the stationary grating surface, E, which is combined with a receiver, F, all as shown and described.

Also, the combination with the cylindrical box, A, of a series of carriers at angles to each other, so as to leave supplementary chambers, b, substantially as and for the purpose set forth.

Also, the slots or openings, g, in front of the teeth, t, of the grating surface, said slots being formed by actually cutting or leaving out a portion of the metal, substantially as and for the purpose described.

25,253.—FAUCET.—Dated August 30, 1859; reissue 3,135.—Division B.—Albert Fuller, New York City.  
I claim, 1st, An elastic plug valve encased in the above described metallic shield, for the purposes set forth.

2d, An elastic plug valve encased in a metallic shield, as described, when the shield is constructed to present a valve face which is transversely or laterally exterior to the plug, in combination with a valve seat or seats to both the elastic and metallic faces of the valve, substantially as shown and described.

63,729.—HORSE RAKE.—Dated April 9, 1867; reissue 3,136.—James La F. King and Wm. W. Watson (assignees of Watson King), Springfield, Ill.  
I claim, 1st, The extension of the crank arms, a, on each side of the rake head below the axle, in the crank form, as applied to horse rakes, for the purposes herein shown and in the manner described.

2d, Attaching the trace to the end of the crank or draft arms, a, which are extended below the center of the wheels from each end of the rake head, to make them the point of draft, in the manner herein described and for the purposes set forth.

3d, The forming spring or brace on the butt end of the tooth, said brace being formed with or without a loop, for the purpose set forth and in the manner described.

4th, Attaching the tooth, H, to the rake head, a, by means of a straight or beveled mortise and key, for the purpose set forth and in the manner described.

5th, Attaching the tooth, H, to the rake head, a, by passing the loop over and around the head, for the purposes herein set forth and in the manner described.

6th, The thimble or metal band, g, as a means of securing and completing the brace or spring, formed by the connection of the end of the tooth bent over with the main body of tooth, for the purposes herein set forth.

78,852.—ANCHOR.—Dated June 9, 1868; reissue 3,137.—Frederick Witram, San Francisco, Cal.  
I claim, 1st, Openings made lengthwise in the shank of an anchor, through which arms or flukes move freely to either side, substantially as herein described.

2d, The planing of two or more jointed arms or flukes at different portions of the shank's length, at or about at right angles to each other.

DESIGNS.

3,194.—SPOON HANDLE.—B. D. Deiderhase, New York City.  
3,195.—SPIRIT LEVEL.—L. L. Davis, Springfield, Mass.  
3,196.—LOWER PORTION OF A GORED SKIRT.—Thomas Dolan, Philadelphia, Pa.  
3,197 to 3,199.—STOCKING FABRIC PATTERN.—Thomas Dolan Philadelphia, Pa. Three patents.  
3,200 and 3,201.—CARPET PATTERN.—Israel Foster, Philadelphia, Pa. Two patents.  
3,202.—TABLE FORK.—J. W. Gardner Shelburne Falls, Mass.  
3,203 to 3,206.—STOVE.—William Hailes (assignor to John F. Rathbone & Co.), Albany, N. Y. Four patents.  
3,207.—TRADE MARK.—F. A. Hasenclever, New York City.  
3,208.—TRADE MARK.—Joseph H. Jessop, Cambridge, Mass.  
3,209 and 3,210.—FLOOR CLOTH PATTERN.—Victor Meyer, Kearney, N. J., assignor to Edward C. Sampson, New York City. Two patents.  
3,211.—CLOCK CASE.—Solomon C. Spring (assignor to Welch, Spring & Co.), Bristol, Conn.

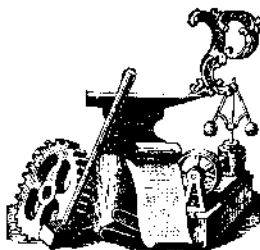
Inventions Patented in England by Americans.

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

PROVISIONAL PROTECTION FOR SIX MONTHS.

2,033.—CARTRIDGE FOR BREACH-LOADING FIRE-ARMS.—Wm. H. Crocker, Boston, Mass. June 24, 1868.  
2,421.—CLOSING CANS, BARRELS, ETC.—Edward Jenkins, Ravenswood, N. Y. Aug. 1, 1868.  
2,566.—ELLIPTIC SPRINGS FOR VEHICLES.—Joseph Palmer, Concord, N. H. Aug. 17, 1868.  
2,567.—APPARATUS FOR CLEANING GRAIN.—Simon Howes and Alphas Babcock, Silver Creek, N. Y. Aug. 17, 1868.  
2,601.—ROTARY ENGINE.—Frederick Ortlieb, Greenpoint, N. Y., and Edward White, New York City. Aug. 20, 1868.  
2,605.—APPARATUS FOR MANUFACTURING FLOUR.—Henry B. Sears, New York City. Aug. 21, 1868.  
2,621.—UNITING THE ENDS OF RAILWAY RAILS.—Daniel R. Pratt, Worcester, Mass. Aug. 22, 1868.  
2,623.—CARTRIDGE FOR BREACH-LOADING FIRE-ARMS.—Samuel Norris, Springfield, Mass. Aug. 24, 1868.

PATENTS.



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WOODWORTH PLANERS A SPECIALTY.—From new patterns of the most approved style and workmanship.

U. S. PATENT OFFICE. Washington, D. C., Sept. 18, 1868. Thomas Stal ght, of Newark, N. J., having petitioned for an extension of the patent granted him on the 2d day of January, 1868, for an improvement in "Machines."

U. S. PATENT OFFICE. Washington, D. C., Sept. 18, 1868. Sylvanus Sawyer, of Fitchburg, Mass., having petitioned for an extension of the patent granted to him on the 24th day of June, 1851, for an improvement in "Machinery for Cutting Rattan," etc., (the application having been authorized by act of Congress, March 2, 1857), it is ordered that the said petition be heard at this office on the 14th day of December next.

U. S. PATENT OFFICE. Washington, D. C., Sept. 18, 1868. Joseph S. Winsor, of Providence, R. I., having petitioned for the extension of the patent granted him on the 2d day of January, 1855, for an improvement in "Machines for making Weavers' Harness," it is ordered that said petition be heard at this office on the 14th day of December next.

U. S. PATENT OFFICE. Washington, D. C., Sept. 23, 1868. Sylvanus Sawyer, of Fitchburg, Mass., having petitioned for the extension of a patent granted him the 4 day of January, 1855, for an improvement in "Machines for Splitting Rattans into Strips," it is ordered that said petition be heard at this office on the 14th day of December next.

U. S. PATENT OFFICE. Washington, D. C., Sept. 23, 1868. Jarvis Case, of Lafayette, Ind., having petitioned for an extension of the patent granted him on the 16th day of January, 1855, re-issued on the 16th day of November, 1855, and again re-issued on the 17th day of April, 1866, for an improvement in "Saw Planers," it is ordered that said petition be heard at this office on the 21st day of December next.

U. S. PATENT OFFICE. Washington, D. C., Sept. 23, 1868. George W. Hubbard and William E. Conant, of New York, having petitioned for an extension of the patent granted them on the 9th day of January, 1855, and re-issued on the 18th day of September, 1866, for an improvement in "Operating Shoe Valves in Direct Action Engines," it is ordered that said petition be heard at this office on the 21st day of December next.

U. S. PATENT OFFICE. Washington, D. C., Sept. 23, 1868. R. F. Brown, of Dorchester, Mass., having petitioned for an extension of the patent granted him on the 12th day of December, 1854, for an improvement in "Hanging Carriage Bodies," it is ordered that said petition be heard at this office on the 14th day of December next.

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U. S. PATENT OFFICE. Washington, D. C., Sept. 23, 1868. Sylvanus Sawyer, of Fitchburg, Mass., having petitioned for an extension of the patent granted him on the 12th day of December, 1854, for an improvement in "Rattan Machine," it is ordered that said petition be heard at this office on the 23d day of November next.

U. S. PATENT OFFICE. Washington, D. C., Sept. 23, 1868. James E. Simpson, of Brooklyn, N. Y., having petitioned for an extension of a patent granted him on the 5th day of December, 1854, for an improvement in "Dry Docks," it is ordered that said petition be heard at this office on the 23d day of November next.

U. S. PATENT OFFICE. Washington, D. C., Sept. 23, 1868. Charles De fourth, of Paterson, N. J., having petitioned for the extension of a patent granted him on the 12th day of December, 1854, for an improvement in "Throistles for Spinning Cotton," it is ordered that said petition be heard at this office on the 23d day of November next.

U. S. PATENT OFFICE. Washington, D. C., Sept. 23, 1868. Charles De fourth, of Paterson, N. J., having petitioned for the extension of a patent granted him on the 12th day of December, 1854, for an improvement in "Throistles for Spinning Cotton," it is ordered that said petition be heard at this office on the 23d day of November next.

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