

Official List of Patents.

Issued by the United States Patent Office.

FOR THE WEEK ENDING OCT. 26, 1869.

Reported Officially for the Scientific American.

SCHEDULE OF PATENT OFFICE FEES:

Table with 2 columns: Fee description and Amount. Includes fees for filing applications, appeals, extensions, and design patents.

For copy of Claim of any Patent issued within 30 years... \$1. For copy of the original Patent... \$1. The full Specification of any patent issued since Nov. 20, 1866... \$1.25.

- 96,071.—HEAT RADIATOR.—A. Albee, Worcester, Mass.
96,072.—STILT.—M. C. Ames (assignor to himself and W. E. Simonds), Hartford, Conn.
96,073.—MACHINE FOR CARBURETING ATMOSPHERIC AIR.—Arthur Barbarin, New Orleans, La.
96,074.—APPARATUS FOR CARBURETING AIR.—Arthur Barbarin, New Orleans, La., and A. E. Dupas, Paris, France.
96,075.—PROPELLER.—Thos. Bell, Bellport, N. Y.
96,076.—PITCHING BARREL.—J. P. Benoit, Detroit, Mich.
96,077.—COMBINED SAWSET, CLAMP, AND VISE.—B. Blackstone, Warren, Ill.
96,078.—MACHINE FOR SHARPENING SAWS.—L. N. Borem, Kennard, Ohio.
96,079.—STALK CUTTER.—R. A. Boulware, Doniphan, Kansas.
96,080.—SAMPLES FOR SHOE DEALERS.—A. N. Breneman, Lancaster, Pa.
96,081.—APPARATUS FOR EVAPORATING CANE JUICE.—M. S. Bringer, Ascension parish, La.
96,082.—LANTERN.—T. B. Burgert, Crestline, Ohio.
96,083.—BUCKLE.—D. S. Butler, Otterville, Mo.
96,084.—PORTABLE FENCE.—Jacob Closs, Decatur, Ind.
96,085.—PALETTE AND BRUSH FOR GRAINING.—Fredk Cole, Kankakee, Ill.
96,086.—TICKET CLIP.—Austin B. Culver, Westfield, N. Y.
96,087.—SURGE RELIEVER.—C. D. Cutting (assignor to himself and W. J. Keefe), Boston, Mass.
96,088.—SUGAR-CANE MILL.—Anthony Demarce, Fairfield, Iowa.
96,089.—AERATED MEDICAL BEVERAGE.—A. F. Duckwitz, New York city.
96,090.—TELEGRAPH APPARATUS.—Charles Durant, Jersey City, N. J.
96,091.—MACHINE FOR MAKING ROPE MOLDINGS.—Charlton Eden, Indianapolis, Ind.
96,092.—METHOD OF HANGING BELLS.—Gilbert Eguillon, Paris, France. Antedated Oct. 16, 1869.
96,093.—EGG DETECTOR.—F. J. Eisenman, Chicago, Ill.
96,094.—BURGLAR ALARM.—Wm. H. Emmons, New York city, and Franklin Kissam, Newark, N. J.
96,095.—UTERINE SYRINGE.—J. J. Essex, Newport, R. I.
96,096.—FOLDING SCHOOL DESK.—Samuel F. Estell, Richmond, Ind.
96,097.—PROCESS OF OBTAINING USEFUL OIL FROM THE ACID RESIDUUM OF PETROLEUM.—A. Farrar, Longwood, Mass.
96,098.—RAILWAY CAR BRAKE.—Eugene De B. Freer, Lima Center, Mich.
96,099.—PUMP.—A. D. Gates, Surrey, Wis.
96,100.—FOLDING DESK AND SEAT.—H. E. Gillet, Oswego, N. Y.
96,101.—REFRIGERATOR AND WATER AND WINE COOLER.—L. M. Goldsborough, Washington, D. C.
96,102.—APPARATUS FOR REMOVING ELECTRICITY FROM WOOL IN RYING MACHINES.—Aaron Goodspeed, Granville, N. Y.
96,103.—SOPA ATTACHMENT.—H. C. Grube, Plaquemine, La.
96,104.—COMBINED HORSESHOE AND BOOT.—H. G. Haedrich, Philadelphia, Pa.
96,105.—FLUID METER.—Wm. Hamilton, Toronto, Canada, assignor to himself and H. Kimball, Randolph, Vt.
96,106.—GATE.—Reuben Hatch, Jr., Traverse City, Mich.
96,107.—CLOTHES RACK.—James Hatfield, Sparta, Wis.
96,108.—PAPER BOX.—G. M. Hendrickson, Albany, N. Y.
96,109.—LIME KILN.—Geo. Hensler, Kankakee, Ill.
96,110.—BASE-BURNING STOVE.—George W. Herrick, Stuyvesant, N. Y.
96,111.—STAIR ROD.—Selah Hiler, New York city.
96,112.—NIPPLE GUARD FOR FIRE-ARMS.—R. D. Hay and J. M. Hill, Crooked Creek, N. C.
96,113.—IMPLEMENT FOR LAYING WOOD PAVEMENT.—Philip Hinkle, San Francisco, Cal.
96,114.—RAILROAD CAR VENTILATOR.—Robert Hitchcock, Springfield, Mass.
96,115.—FILTERING SECTIONS FOR TUBE WELLS.—Edmund Holden, Hartford, Mich.
96,116.—BUNG.—V. A. Houdaille, Paris, France.
96,117.—PARLOR SKATE.—N. W. Hubbard, New York city.
96,118.—MUFF AND COLLAR BOX.—J. P. Jones (assignor to Jason Crane), Bloomfield, N. J.
96,119.—EGG CARRIER.—P. P. Josef (assignor to himself and Wallace Johnson), Buffalo, N. Y.
96,120.—HEEL-CUTTING MACHINE.—Samuel Keen, East Bridge-water, Mass.
96,121.—SIGN FOR STREET LAMPS.—J. W. Larimore (assignor to himself and Alonzo Marks), Chicago, Ill. Antedated October 12, 1869.
96,122.—HANDLEFOR PANS AND OTHER COOKING UTENSILS.—J. A. Lawson, Troy, N. Y. Antedated Oct. 9, 1869.
96,123.—WASHING MACHINE.—Fabius H. Lawton (assignor to himself, David W. Prosser, and Joshua Cheney), Fluvanna, N. Y.
96,124.—VELOCIPEDE.—E. A. Lewis, St. Charles, Mo.
96,125.—MACHINE FOR MAKING TAGS.—Wm. Liddell (assignor to himself and B. S. Binney), Boston, Mass.
96,126.—CULTIVATOR.—J. H. Lockie, Humphrey, N. Y. Antedated Oct. 16, 1869.
96,127.—RAILWAY TRACK.—B. L. Lo Presti, Vienna, Austria. Patented in England Oct. 22, 1868.
96,128.—VELOCIPEDE.—Geo. Lowden, Brooklyn, N. Y.
96,129.—WASH BOILER.—Daniel Lucas and Jas. Lucas, Green Bay, Wis.
96,130.—RAILWAY CAR COUPLING.—John Marston, Saratoga Springs, N. Y.
96,131.—MOLDING AND CASTING PIPE.—Louis Martaresche, Pittsburgh, Pa.
96,132.—MODE OF PRODUCING USEFUL ARTICLES FROM COL-LIDION AND ITS COMPOUNDS.—J. A. McClelland, Louisville, Ky.
96,133.—TOOL FOR EXPANDING BOILER TUBES.—Robert McKenzie, New Orleans, La.
96,134.—COMBINED KNIFE AND FORK.—James McMorries, Columbus, Miss.
96,135.—COAL STOVE.—John McNeight, Wakefield, Mass.
96,136.—PUMP.—Thomas Metzler, Wooster, Ohio.
96,137.—PEDALS FOR PIANOS, ETC.—A. A. Mixer, Hamilton, Ohio.
96,138.—GRATE BAR FOR STEAM AND OTHER ENGINERY.—Monroe Morse and C. H. Morse, Franklin, Mass.
96,139.—FOLDING CHAIR.—J. Nicolai and J. Ph. Rinn, Boston, Mass.
96,140.—SPIRIT LEVEL.—A. P. Odholm, Bridgeport, Conn. Antedated Oct. 16, 1869.
96,141.—SACCHARINE EVAPORATOR.—R. Orford, Dowagiac, Mich. Antedated Oct. 12, 1869.
96,142.—CENTRIFUGAL MACHINE FOR EXTRACTING HONEY FROM THE COMB.—H. O. Peabody, Boston, Mass.
96,143.—FIRE-CRACKER HOLDER.—A. E. Peck, Brooklyn, N. Y.
96,144.—FLOWER POT.—B. W. Putnam, Boston, Mass.
96,145.—PRINTERS' GALLEY.—William Quinn, New York city.
96,146.—RAILWAY CAR COUPLING.—Matthew Quinn, Wataga, Ill.
96,147.—GATE LATCH.—F. M. Ransons, Little Shasta Valley, Cal.
96,148.—COMPOUND FOR MAKING WATER-PROOF PAPER.—C. S. Rauh, Boston, Mass.
96,149.—SHUTTER WORKER.—E. W. Scott, Wauregan, Conn. Antedated Oct. 16, 1869.
96,150.—KEY FACE FOR CONCERTINA.—L. A. Seward, New Orleans, La.
96,151.—APPARATUS FOR TEACHING MUSIC, ETC.—Louis A. Seward, New Orleans, La.
96,152.—SHOE LAST.—W. C. Shipherd, Willoughby, Ohio.
96,153.—POTATO DIGGER.—J. J. Singley, Lafayette, Ind.
96,154.—WASHING MACHINE.—R. H. Sipes, Bloody Run, Pa.
96,155.—MACHINE FOR BLEACHING CANE JUICE.—E. Skelly, Plaquemine, La.
96,156.—SAW SET.—H. Sloat, Watertown, N. Y.
96,157.—CONDENSER FOR ALCOHOL STILLS.—Ed. Smeeth, Chicago, Ill.
96,158.—FAUCET.—A. D. Smith, Grafton, Ohio.
96,159.—GOPHER TRAP.—D. N. Smith, San Bernardino, Cal.
96,160.—SEWING MACHINE.—E. H. Smith, Bergen, N. J. Antedated Oct. 13, 1869.
96,161.—APPARATUS FOR UNLOADING HAY.—George Smith, Providence, R. I. assignor to himself and J. C. De Lang, Detroit, Mich.
96,162.—HAND STAMP.—R. H. Smith, Springfield, Mass.
96,163.—MATCH SAFE.—August Steinbock, New York city.
96,164.—HALTER CLASP.—E. H. Stewart, Philadelphia, Pa.
96,165.—BLACKING BRUSH.—Augusta N. Thompson, Holyoke, Mass.
96,166.—THIMBLE.—T. R. Timby, Saratoga, N. Y.
96,167.—CORN CULTIVATOR.—D. W. Travis, Enfield, N. Y. Antedated Oct. 12, 1869.
96,168.—WATER WHEEL.—B. W. Tuttle, Galena, Ill.
96,169.—SLEIGH COUPLING.—Wm. E. Van Schaick, Delevan, Wis.
96,170.—HARVESTER.—J. P. Van Sickle, Geneva, N. Y.
96,171.—BLIND HINGE.—Adolph Velguth, Milwaukee, Wis.
96,172.—CAR STATER.—M. N. Ward, Bangor, Me.
96,173.—HORSE HAY FORK.—C. E. Warner, Syracuse, N. Y. Antedated Oct. 16, 1869.
96,174.—CHIN REST FOR VIOLIN.—A. W. White, Boston, and J. J. Watson, Gloucester, Mass.
96,175.—COMBINED LATCH AND LOCK.—T. Weaver (assignor to J. W. Moffitt), Harrisburgh, Pa.
96,176.—WEATHER STRIP.—J. R. Webber, Chicago, Ill.
96,177.—COTTON SEED HULLING MACHINE.—F. A. Wells, Memphis, Tenn.
96,178.—MEANS OF ATTACHING TOPS TO JUGS, CRUETS, ETC.—Homer Wright (assignor to himself, H. H. Collins, and E. F. Collins), Pittsburgh, Pa. Antedated Oct. 9, 1869.
96,179.—APPARATUS FOR PRESERVING FRUIT.—C. C. Williams, Brooklyn, N. Y.
96,180.—ATTACHMENT FOR SEWING MACHINES.—Enoch S. Yentzer, Ottawa, Ill.
96,181.—CLOTHES DRYER.—L. J. Adams (assignor to himself, Wm. Hyland, and A. B. Miller), Hoosick Falls, N. Y.
96,182.—WATER WHEEL.—J. S. Anderson, Oconomowoc, Wis.
96,183.—CLOTHES-LINE SUPPORTER.—John Andrews, New Bedford, Mass.
96,184.—MACHINE FOR CUTTING CORK.—Olney Arnold, Paw-tucket, R. I.
96,185.—MACHINE FOR DRIVING RAKE TEETH.—N. M. Barnes and A. T. Barnes (assignors to themselves and Tiffin Agricultural Works), Tiffin, Ohio.
96,186.—CENTRIFUGAL SUGAR-DRAINING MACHINE.—H. W. Bartol, Philadelphia, Pa.
96,187.—METHOD OF TRANSPORTING LETTERS AND PARCELS.—A. E. Beach, Stratford, Conn.
96,188.—SHOW COUNTER.—Aaron Beardsley, Mount Zion, Iowa.
96,189.—VISE.—J. D. Beck, Liberty, Pa.
96,190.—STEAM GENERATOR.—C. G. Beitel, Easton Pa.
96,191.—HARROW.—R. N. Bennett, Union Mills, Ind.
96,192.—HORSE POWER.—W. N. Berkeley, Cedar Rapids, Iowa.
96,193.—RAILWAY CATTLE GATE.—Joel Bowman and J. B. Overmyer, Reading, Ohio.
96,194.—LIGHTNING ROD POINT.—J. F. Boynton, Syracuse, N. Y.
96,195.—BOOT AND SHOE.—Edmund Brown (assignor to himself and Artemus Prouty), Burlington, Vt.
96,196.—CABINET BEDSTEAD.—S. S. Burr, Dedham, Mass.
96,197.—MODE OF CLEANING GAS RETORTS.—C. A. Bush, New London, assignor, for one quarter of his right, to H. P. Ostrum, New Haven, Conn.
96,198.—INSULATOR FOR TELEGRAPH WIRES.—C. A. Bush, New London, assignor for two thirds of his right, to H. P. Ostrum and J. C. Bush, New Haven, Conn.
96,199.—GALVANIC BATTERY.—J. A. Callaud, Nantes, France. Patented in France May 19, 1858.
96,200.—LAMP BURNER.—G. H. Chinnock (assignor to New Lamp Chimney Company), New York city.
96,201.—DISTILLING AND TREATING ALCOHOLIC SPIRITS.—George Clark, Buffalo, N. Y.
96,202.—MACHINE FOR CLEANING COTTON.—J. T. Clement, Smyrna, Tenn.
96,203.—WRENCH.—Loring Coes, Worcester, Mass.
96,204.—PIANO-FORTE ACTION.—B. E. Colley, Boston, Mass.
96,205.—SNOW PLOW.—M. A. Cravath and I. M. Cravath, Bloomington, Ill. Antedated Oct. 16, 1869.
96,206.—ROTARY PUDDLING FURNACE.—Samuel Banks, Cincinnati, Ohio.
96,207.—LATHIE CHUCK.—H. M. Darling, Bridgeport, Conn.
96,208.—VELOCIPEDE.—C. E. Dayton, Meriden, Conn.
96,209.—EXTENSION TABLE.—Jacob Dourson (assignor to himself and F. A. Comstock), Columbus, Ohio.
96,210.—SHAFT AND COUPLING SHIELD.—M. L. Drake, Rock-ford, Ill.
96,211.—ROCKING CHAIR.—J. E. Emerson, Trenton, N. J.
96,212.—TAN BARK LEACH.—L. C. England, Philadelphia, Pa.
96,213.—WAGON SEAT.—W. R. English and Jason McClure, English Centre, Pa.
96,214.—TWEER.—Samuel Epley, McGrawsville, Ind.
96,215.—MEDICAL COMPOUND FOR THE CURE OF FEVER AND AGUE.—J. M. Ferguson, Summit, Miss.
96,216.—SPRING PERCH FOR CARRIAGES.—E. R. Ferry (as-signor to himself and P. Ferry, New Haven, Conn.
96,217.—MODE OF PLATING, COATING, AND ORNAMENTING ARTICLES OF IRON AND STEEL.—Kasson Frazer, Syracuse, N. Y.
96,218.—LOCK-NUT.—P. L. Gibbs, Dunleith, Ill.
96,219.—SCRUBBING BRUSH.—Samuel Gibson, Safe Harbor, Pa.
96,220.—MACHINE FOR SPLITTING WHALEBONE.—Nathan Godard (assignor to himself and D. B. Saunders), Boston, Mass.
96,221.—TREADLE MOTION.—E. A. Goodes (assignor to F. M. Wood, H. F. Hays, Samuel Allen, J. S. Brown, T. E. Weidertshiem, and T. S. Keyser), Philadelphia, Pa.
96,222.—HAT TIP.—S. H. Greenbaum, New York city.
96,223.—AIR BLAST ENGINE.—John Grim, St. Louis, Mo.
96,224.—METHOD OF ADJUSTING CIRCULAR SAWS.—J. P. Grosvenor, Lowell, Mass.
96,225.—HORSE POWER CONNECTION.—J. A. Hafner, Com-merce, Mo.
96,226.—EXTENSION SCAFFOLD.—P. L. Hains, Freeburg, Pa.
96,227.—DRILLING MACHINE.—John Hale, Scranton, Pa.
96,228.—GAS FLAT IRON.—Albert Hallowell and A. T. Ather-ton, Lowell, Mass.
96,229.—BAG FASTENER.—C. A. Haring, Peoria, Ill.

T. L. B., of Vt.—Your method of preparing plumbago as a stove polish is old, except the form in which it is packed for use. You could probably secure a patent on that as its convenience is obvious.

R. C. D., of Minn.—The inventor of logarithms was John Napier, a Scotchman; born 1550, died 1617. He was a man of great inventive talents, and displayed them in mechanics as well as in mathematics.

R. S., of Ca.—The pressure per square inch in fresh water at a depth of ten thousand feet is 4,334 pounds nearly.

E. B. R., of N. Y.—Sand molds for brass castings are faced with either meal dust, flour, powdered chalk, finely-sifted wood ashes, pulverized charcoal, rotten stone, and sometimes with the soot of cork-shavings, or other carbonaceous material. Among these various substances you will undoubtedly find the one which you suppose is the secret of the founders you refer to.

R. L. J., of Ohio.—There is no rule by which the proportions of any one part of a marine engine can be computed independently of the other parts. Details vary greatly in different engines, according to particular circumstances. Your question, therefore, as to the proper height of gallow's frame above cylinder, is, in the absence of all other data, unanswerable.

T. D., of La.—The project of the Nicaraguan canal dates back to 1551, at which time the historian Gomara indicated four routes for such a canal. These routes have ever since been considered as the most favorable ones. A survey of one of these routes was made under the orders of the Spanish Government in 1781.

W. W., of N. Y.—The various kinds of self-raising flour in market are, we believe, all patented. If you wish, you can obtain the specifications of these patents from the Patent Office on payment of a small fee.

C. L., of Ky.—An instrument for measuring distances passed over in traveling upon roads by carriages, velocipedes, etc., may be properly called an odometer or perambulator. Your device is probably patentable.

Z. W., of Ind.—While we are aware that practical men are often led to use various solutions for tempering steel, their practice varies so much that many will be found to condemn what others praise in the highest terms. Scientific men have failed to detect any better results from solutions than from simple water. There is an amount of tradition, any practice transmitted from father to son, and each workman generally favors that to which he has been bred. We do not believe in solutions, and therefore do not recommend any of the numerous salts which have been employed for this purpose.

Business and Personal.

The Charge for Insertion under this head is One Dollar a Line. If the Notices exceed Four Lines, One Dollar and a Half per Line will be charged.

Manufacturers, especially of light goods, as shirts, hats, shoes, etc., have an opportunity of obtaining a very desirable property, easily accessible to the city of New York, at a very low price. Inquire of Wm. L. Raymond, No. 39 Nassau st., Room No. 11.

I want to buy the entire right of some article, for family use, that will sell at from 50c. to \$5. A. Roberts, Box 2331, Buffalo, N. Y.

For Norris' Self-acting Spooling Gage (measures spool silk and cotton threads), address R. H. Norris, Paterson, N. J.

Draftsman Wanted for a moderate-sized machine shop. Must be experienced in steam engineering & general mill work. Apply letter stating qualifications and salary expected, to G. L. Howard, Elizabeth, N. J.

For Sale—4 15-in. swing screw-cutting engine lathes; also, drill lathes. Star Tool Co., Providence, R. I.

For Sale—Murphy's patent governor for steam and other engines. It is one of the best ever invented—is efficient, durable, and economical. The Right for sale, or would arrange with parties to manufacture. M. Murphy, Charlotte, N. C.

For Sale—A patent for a composition for covering steam boilers, pipes, etc. E. D. & W. A. French, 3d and Vine sts., Camden, N. J.

For tinmans' tools, presses, etc., apply to Mays & Bliss, Brooklyn, N. Y.

Mill-stone dressing diamond machine, simple, effective, durable. Also, Glazier's diamonds. John Dickinson, 64 Nassau st., New York. Send for Agents' Circular—Hinkley Knitting Machine Co., 176 Broadway.

For the best double-acting Turbine Wheel in the world, described in the Scientific American, Jan. 18, 1868, address Harvey Brown, Urbana, O.

For Sale—60-H. P. Engine and two large Tubular Boilers, first rate order. Will be sold cheap. N. D. Preston, Fulton, Oswego Co., N. Y.

Peck's patent drop press. Milo Peck & Co., New Haven, Ct.

The Best and Cheapest Boiler-flue Cleaner is Morse's. Send to A. H. & M. Morse, Franklin, Mass., for circular. Agents wanted.

Send for a circular on the uses of Soluble Glass, or Silicates of Soda and Potash. Manufactured by L. & J. W. Feuchtwanger, Chemists and Drug Importers, 55 Cedar st., New York.

Engineers and all others desiring a reliable timekeeper should write to Howard & Co., 619 Broadway, New York, for the Descriptive Price List of Waltham Watches.

The Novelty Job Printing Presses, for printers, merchants, and amateurs. C. C. Thurston, Agent, Brooklyn, N. Y.

Manganese Ores suitable for glass, steel, oil boilers, at low prices. Muriatic Acid, full strength, price 1 1/2 cents per lb. Soda Ash, Bleaching Powder, fresh made, full test, at market prices. Michigan Chemical Company, Jackson, Mich.

Shafting, Hangers, and Pulleys, Craig's Oscillating Steam Engines, on hand and to order. Gallatin & Brevoort Machine Works, 223 Front st., New York.

Every wheelright and blacksmith should have one of Dinsmore's tire-shrinkers. Price \$40. R. H. Allen & Co., P. O. Box 376, New York.

Glynn's Anti-Incrustator for Steam Boiler—The only reliable preventative. No foaming, and does not attack metals of boiler. Liberal terms to Agents. C. D. Fredricks, 587 Broadway, New York.

Chemicals, Drugs, Minerals, Metals, Acids, etc., for all Mechanics and Manufacturers, for sale by L. & J. W. Feuchtwanger, Chemists, and Importers of Drugs and Minerals, 55 Cedar st., New York.

Cold Rolled—Shafting, piston rods, pump rods, Collins pat. double compression couplings, manufactured by Jones & Laughlins, Pittsburgh, Pa.

For solid wrought-iron beams, etc., see advertisement. Address Union Iron Mills, Pittsburgh, Pa., for lithograph, etc.

Machinists, boiler makers, tanners, and workers of sheet metals read advertisement of the Parker Power Presses.

Diamond carbon, formed into wedge or other shapes for pointing and edging tools or cutters for drilling and working stone, etc. Send amp for circular. John Dickinson, 64 Nassau st., New York.

94,230.—LOCK FOR CAR DOOR.—A. V. Hartwell, Chicago, Ill.
 94,231.—MANUFACTURE OF PUTTY.—G. W. Hatfield, Dayton, Ohio.
 96,232.—PRUNING SHEARS.—Virgil Hayes, Tekonsha, and Lewis Quatt, Eckford, Mich.
 96,233.—GUTTER FOR DOOR SILL.—J. A. Hemberger, Reading, Ohio.
 96,234.—PLOW CLOD FENDER.—James Higgins and J. W. Higgins, Orth, Ind.
 96,235.—WIND AND TIDE ALARM.—G. M. Hoffman and Peter Hermas, Jr., Rahway, N. J.
 96,236.—TRAVELING TRUNK.—Thomas Hunt, New York city.
 96,237.—RUBBER COMPOUND FOR PACKING.—John Johnson, Brooklyn, E. D., N. Y.
 96,238.—HAND LOOM.—Abraham Jones, Clinton, Ill.
 96,239.—PROCESS OF REDUCING WOOD AND WOODY FIBERS FOR PAPER PULP.—V. E. Keegan, Boston Highlands, Mass. Antedated Oct. 20, 1869.
 96,240.—RAILWAY CAR BRAKE.—J. J. Kiser, Middletown, Ind.
 96,241.—METHOD OF RECOVERING GREASE FROM WASTE SOAP LAYERS.—William Koehler, Norwalk, Conn., assignor to J. M. Pondleton.
 96,242.—COLORING MATERIAL FOR DYEING AND PRINTING.—Charles Lauth Paris, France.
 96,243.—FUEL FOR METALLURGIC PURPOSES.—C. E. Lester, New York city.
 96,244.—HARROW.—J. S. Lewis, Elkader, Iowa.
 96,245.—COMPOUND FOR TREATING THE HUMAN HAIR.—W. R. Lount, Austin, Texas.
 96,246.—SAFE.—Egbert Macy, Brooklyn, N. Y.
 96,247.—WASHING MACHINE.—S. T. McDougall, Brooklyn, N. Y.
 96,248.—EXPLOSIVE COMPOUND.—William Mills (assignor to himself, G. A. Lillienahl, and J. J. Detwiller), New York city.
 96,249.—KEROSENE STOVE.—R. B. Mitchell, Chicago, Ill.
 96,250.—DIE FOR FORMING THILL IRONS.—F. B. Morse, Plantsville, Conn.
 96,251.—SERIES OF DIES FOR FORMING KING-BOLTS.—F. B. Morse, Plantsville, Conn.
 96,252.—CARRIAGE CLIP.—F. B. Morse (assignor to himself and H. D. Smith & Co.), Plantsville, Conn.
 96,253.—SLAT-IRON FOR CARRIAGES.—F. B. Morse (assignor to himself and H. D. Smith & Co.), Plantsville, Conn.
 96,254.—TOP-OP FOR CARRIAGES.—F. B. Morse (assignor to himself and H. D. Smith & Co.), Plantsville, Conn.
 96,255.—BOLT FOR WHIFFLETREES.—F. B. Morse (assignor to himself and H. D. Smith & Co.), Plantsville, Conn.
 96,256.—CARRIAGE SHACKLE.—F. B. Morse (assignor to himself and H. D. Smith & Co.), Plantsville, Conn.
 96,257.—CIGAR MACHINE.—Charles Muller, Albany, N. Y.
 96,258.—CARPENTERS' PLANE.—George Muller (assignor to himself and Francis Barnett), New York city.
 96,259.—LAVATORY ATTACHMENT FOR RAILROAD CARS.—John G. Murdock, Cincinnati, Ohio.
 96,260.—GAS HEATER.—Hiram B. Musgrave, Cincinnati, Ohio.
 96,261.—TOOL FOR CUTTING TUBES.—Thomas Nelson, Philadelphia, Pa.
 96,262.—STEAM ENGINEERY FOR MOTIVE POWER.—Alfred Colerick Pihlner and James Charles Hill, Oakfield Works, near Newport, England. Patented in England January 28, 1869.
 96,263.—SCREW DRIVER.—J. C. Pinner, Newbern, Tenn.
 96,264.—SUGAR AND SORGHUM MILL.—D. J. Powers and Henry B. Stevens, Madison, Wis., assignor to Buffalo Agricultural Machine Works.
 96,265.—PNEUMATIC DIAPHRAGM WATER ELEVATOR.—Silas G. Randall Providence, R. I.
 96,266.—LOUNGE AND SOFA BED.—R. M. Reeb, Worcester, Mass.
 96,267.—FURNACE FOR HEATING TUBES.—Patrick Reilly (assignor to Seyfert, McManis & Co.), Reading, Pa.
 96,268.—LIGHTNING ROD.—Wm. S. Rebyurn and F. J. Martin, Philadelphia, Pa.
 96,269.—MEDICINE FOR CANCER.—Lawrence Roy (assignor to himself and Charles J. Nesbitt), Plattsburg, Mo.

96,270.—LACE-LEADER FOR SAILS.—Daniel W. Sawyer, Booth Bay, Me.
 96,271.—COMBINED CULTIVATOR AND SEEDER.—Silas C. Schofield Chicago, Ill. Antedated October 16, 1869.
 96,272.—HORSE RAKE.—Silas C. Schofield and A. Judson Wise, Chicago, assignors to Silas C. Schofield and Wm. D. Andrews, Rockford, Ill.
 96,273.—BLIND HINGE.—Alfred L. Seabury and Davidson Morris, Norfolk, Va.
 96,274.—OIL CAN STOPPER.—Conard Seimel, Brooklyn, N. Y., assignor to Charles Pratt, New York city.
 96,275.—IMITATION HAIR FOR LADIES' HEAD DRESS.—Louise F. Shaw, New York city.
 96,276.—COMPOUND RAIL.—E. R. Shepard, Scranton, Pa. Antedated October 16, 1869.
 96,277.—BURGLAR ALARM.—Isaac Silvernail, Byron, Mich.
 96,278.—BRIDGE.—Frederick H. Smith (assignor to Smith, Latrobe & Co.), Baltimore, Md.
 96,279.—CULTIVATOR.—J. A. Smith, Lacon, Ill.
 96,280.—APPARATUS FOR ELEVATING AND DISTRIBUTING WATER IN BUILDINGS.—James L. Smith, Passaic, N. J.
 96,281.—SELF-FEEDING BOILING AND EVAORATING APPARATUS.—Michael M. Smith, St. Louis, Mo.
 96,282.—BASE FOR BENCH VISES.—Anson P. Stephens (assignor to himself, Melvin Stephens, and Natnan Stephens), Brooklyn, N. Y.
 96,283.—CANE MILL.—Henry B. Stephens, Buffalo, N. Y., and D. J. Powers, Madison, Wis., assignors to George L. Squier, Buffalo, N. Y.
 96,284.—STEAM ENGINE PISTON PACKING.—Edward Sullivan, Pittsburgh, Pa.
 96,285.—COPYING PRESS.—George Tangye, Birmingham, England.
 96,286.—HOSE AND PIPE COUPLING.—J. C. Thompson, Charlestown (assignor to himself and John H. Rogers), Boston, Mass.
 96,287.—WRENCH.—R. M. Thompson, Coshocton, Ohio.
 96,288.—FISH BAIT.—George T. Thorp, Philadelphia, Pa.
 96,289.—SUMMER FURNACE.—J. S. Van Buren, Green Island, N. Y.
 96,290.—CULTIVATOR.—Elisha Walker and Josiah J. Piatt, La Porte, Ind.
 96,291.—SASH HOLDER.—Wm. M. Walton (assignor to himself and Joseph J. Walton), Newark, N. J.
 96,292.—PHOTOGRAPHERS' REST.—Edward L. Wilson, Philadelphia, Pa.
 96,293.—FENDER FOR CORN PLOWS.—Lewis C. Witt and W. F. Jones, Boston, Ind.
 96,294.—PRUNING IMPLEMENT.—James R. Woodworth, Nunda, N. Y.
 96,295.—SASH HOLDER.—J. C. Young, Toledo, Ohio.
 96,296.—STRAW CUTTER.—Thomas N. Young, Richmond, Ind.
 96,297.—S OEMAKERS' LAST-HOLDER.—Humphrey Calder and George Burgess, Richmond, Va.

REISSUES.
 75,896.—HORSE HAY RAKE.—Dated March 24, 1868; reissue 3,685. A. T. Barnes (assignor to 'The Tiffin Agricultural Works'), Tiffin, Ohio.
 86,644.—SETTEE FRAME.—Dated February 9, 1869; reissue 3,686.—Thomas J. Close, Philadelphia, Pa.
 16,266.—MACHINE FOR FOLDING PAPER.—Dated December 23, 1856; reissue 3,687.—Charles A. Durgin, New York city. assignee of Chauncey O. Crosby.
 88,831.—PROCESS OF UTILIZING THE WASTE PRODUCTS OF COMBUSTION FOR THE MANUFACTURE OF WHITE LEAD, AND FOR OTHER PURPOSES.—Dated February 9, 1869; antedated February 1, 1869; reissue 3,688. Henry Hannen, Thomas Woods, and Benjamin F. Pine, Philadelphia, Pa., assignees of Henry Hannen.
 12,723.—MACHINE FOR PUNCHING METALS.—Dated April 17, 1855; extended seven years; reissue 3,617, dated August 21, 1869; reissue 3,689.—Charles Parker, Meriden, Conn., assignee of George Fowler and the administrators of the estate of De Grasse Fowler, deceased, namely, Matthy and Sophrina Fowler.
 39,235.—ROCK DRILL.—Dated July 14, 1863; reissue 3,304, dated February 16, 1869; reissue 3,690.—Aahel J. Severance, Middlebury Vt., assignee, by mesne assignments, of Rudolph Leschot.

58,455.—SPICE BOX.—Dated October 2, 1866; reissue 3,691.—Division A.—Joseph H. Steele, New Haven, Conn., assignee of Wallace A. Miles.
 58,455.—SPICE BOX.—Dated October 2, 1866; reissue 3,692.—Division B.—Joseph H. Steele, New Haven, Conn., assignee of Wallace A. Miles.
 80,375.—TAPE-ROLL CLIP FASTENING.—Dated July 28, 1868; reissue 3,693.—Marcus Brown, Westhead, Manchester, England.

DESIGNS.
 2,724 and 3,725.—TACK HEAD.—Orin L. Bassett (assignor to the Taunton Tack Company), Taunton, Mass. Two patents.
 3,726.—ANCHOR.—Frederick Dellicker, Trenton, N. J., assignor to The East Trenton Porcelain Company.
 3,727.—COVERING TRUNKS.—Jonathan Smith Eaton, Boston, Mass.
 3,728.—FORK OR SPOON HANDLE.—George Sharpe, Philadelphia, Pa.
 3,729.—FLOWER SHADE AND PEDESTAL.—Elizabeth Mary Stigale, Philadelphia, Pa.
 3,730.—PRINTERS' TYPE.—George Wm. Witham (assignor to MacKellar, Smiths & Jordan), Philadelphia, Pa.

EXTENSIONS.
 SEWING MACHINE.—Isaac M. Singer, New York city.—Letters Patent No. 13,661, dated October 9, 1855.
 GRAIN SEPARATOR.—Peter Geiser, Waynesborough, Pa.—Letters Patent No. 13,644, dated October 9, 1855.
 CHIMNEY STACK.—B. F. Miller, New York city.—Letters Patent No. 13,620, dated October 2, 1855.
 DUST DEFLECTOR FOR WINDS OF RAILROAD CARS.—James M. Cook, Boston, Mass.—Letters Patent No. 13,676, dated October 16, 1855.
 WASH BOARD.—Joseph Keech, Waterloo, N. Y.—Letters Patent No. 1,583, dated October 16, 1855.
 FAUCET.—Albert Fuller, New York city.—Letters Patent No. 13,677, dated October 16, 1855; reissue No. 752, dated July 5, 1859.

Inventions Patented in England by Americans.
 [Compiled from the "Journal of the Commissioners of Patents."]
 PROVISIONAL PROTECTION FOR SIX MONTHS.
 2,746.—PURIFICATION OF SPIRITS OF ALCOHOLIC LIQUIDS AND APPARATUS THEREFOR AND THE SEPARATION OF THE LIGHTER FROM THE HEAVIER PARTICLES OF OILS AND OTHER LIQUIDS.—K. B. Turner, New York city. September 21, 1869.
 2,758.—TRESHING MACHINE.—A. S. Whittemore, Williamtic, and J. B. Atwood, Mansfield, Conn. September 22, 1869.
 2,824.—MANUFACTURE OF HORSESHOE NAILS AND APPARATUS THEREFOR.—J. D. Kingsland, Burlington, Vt. September 28, 1869.
 2,826.—HARVESTER.—T. Fawcett, Pittsburgh, Pa. September 28, 1869.
 2,250.—MAIL BAG, ETC.—John Dewe, Toronto, Canada. July 24, 1869.
 2,777.—CAR BRAKE.—A. I. Walker and T. E. Whitcomb, Lynn, Mass. Sept. 24, 1869.
 2,807.—SIZED PAPER.—H. C. Hulbert and Z. C. Warren, Brooklyn, N. Y. September 27, 1869.
 2,811.—EMBROIDERING LOOMS.—K. Adams, South Orange, N. J. Sept. 27, 1869.
 2,813.—KNITTING MACHINE.—H. A. House, Bridgeport, Conn. September 27, 1869.
 2,825.—APPARATUS FOR PREVENTING ALTERATION OF VALUES IN MONETARY INSTRUMENTS.—M. E. Berolzheimer, New York city. September 28, 1869.
 2,827.—AERIAL CARRIAGE.—F. Marriott, San Francisco, Cal. September 29, 1869.
 2,846.—LOCK.—J. Dewe, Toronto, Canada. September 30, 1869.
 2,851.—SCREW.—W. A. Ingalls, Chicago, Ill. October 1, 1869.
 2,855.—SEWING MACHINE.—B. P. Howe, New York city. October 1, 1869.
 2,863.—BUCKLE FOR COTTON BANDS.—J. S. Wallis, New Orleans, La. Oct. 2, 1869.
 2,869.—CONSTRUCTION OF VAULTS, ETC.—T. Hyatt, Atchison, Kansas. Oct. 2, 1869.
 2,882.—FORGING BOLTS, ETC.—W. Horsfall, New York city. October 5, 1869.

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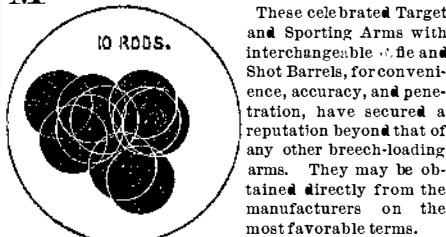
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