

96,831.—PROPELLING APPARATUS FOR VESSELS.—Amos D. Owen, Thornstown, Ind., and John D. Sherman, Paw Paw, Mich.
96,832.—RUBBER HOSE.—Edward Livingston Perry (assignor to Combination Rubber Company), New York city.
96,833.—BARREL-FILLING APPARATUS WITH WHISTLING INDICATOR.—Hiram S. Phillips, Sewickley, Pa.
96,834.—Edgar M. Potter.—Suspended.
96,835.—MECHANISM FOR RAISING TOP ROLLER WEIGHTS IN SPINNING MACHINES.—Geo. W. Prentice, Whitinsville, Mass.
96,836.—HARROW.—Elijah J. Preston, Eureka, Mo.
96,837.—AX.—Ernest Quast, Freedom, Mo.
96,838.—COMBINED DOUBLE SHOVEL AND TWO-HORSE CULTIVATOR.—S. G. Ray, Agency City, Iowa.
96,839.—COCKING RANGE.—Philip Rollhaus, Port Chester, N. Y.
96,840.—STABLE HOOK.—Geo. W. Sanderson, Shirley, Mass.
96,841.—DETACHABLE BUOYANT SHIP'S DECK.—Jos. Sawyer, Sebewaing, Mich.
96,842.—APPARATUS FOR CARBURETING AIR.—Ira W. Shaler, Brooklyn, N. Y.
96,843.—TRUNK TIE AND CLASP.—A. D. Smith, Grafton, assignor to David Rose, Rawsonville, Ohio.
96,844.—WATCH-WINDING AND SETTING ATTACHMENT.—Charles Spiro, New York city.
96,845.—ENVELOPE OPENER.—Charles B. Stephens, Riverton, Conn.
96,846.—FIFTH-WHEEL FOR CARRIAGES.—Clement St. James, Pittsfield, Mass.
96,847.—DIE FOR FORMING BITS AND AUGERS.—James Swan, Seymour, Conn.
96,848.—COMBINED UMBRELLA, CANE, AND SEAT.—Gillespie Sweeney, New York city.
96,849.—WOOD PAVEMENT.—A. Van Camp, Washington, D. C., and M. M. Hoagman, St. Louis, Mo.
96,850.—CONCRETE FOR PAVEMENT AND FOR OTHER PURPOSES.—A. Van Camp, Washington, D. C., and M. M. Hoagman, St. Louis, Mo.
96,851.—HOLDBACK FOR CARRIAGE THILLS.—Peter Spohn Van Wagner, Saltfleet township, Canada.
96,852.—ADJUSTABLE TRACE FASTENING.—Peter Spohn Van Wagner (assignor to himself and Alfred E. Carpenter), Stony Creek, Saltfleet township, Canada.
96,853.—WATER WHEEL.—Alonzo Warren, Boston, Mass.
96,854.—TUBE WELL.—Asa Waters, Mobile, Ala.
96,855.—COOKING STOVE.—George Wellhouse, Akron, Ohio.
96,856.—FRUIT BOX CRATE.—James White, Cleveland, Ohio.
96,857.—WASH BOILER.—George W. Wilson, Freeport, Ill.
96,858.—LIQUID METER.—John Winsborrow, Livermere Road, Dalston, England.
96,859.—FENCE.—Stephen A. Wood, Cardington, Ohio.
96,860.—HARNES PAD BLOCK.—J. Zimmer, Jr., Haliday, Ill.
96,861.—COMPOSITION FOR DESTROYING INSECTS ON FLOWERS, PLANTS, AND BUSHES.—John Ahera, Baltimore, Md.
96,862.—HOSE PIPE NOZZLE.—Albert F. Allen, Providence, R. I.
96,863.—HOSE LADDER STRAP.—Albert F. Allen, Providence, R. I.
96,864.—WASHING MACHINE.—William Arnold, Pawtucket, R. I.
96,865.—REVERSIBLE SAFETY PINION FOR WATCHES.—Benjamin Bacon, Morrison, Ill., assignor, by mesne assignments, to National Watch Company.
96,866.—CHAIN ELEVATOR AND BUCKET.—John Augustus Ball, Grass Valley, Cal.
96,867.—SEAMING MACHINE.—Charles E. Bancroft, Montpelier, Vt.
96,868.—SAW MILL.—Simon Barnhart, Chillicothe, Ohio.
96,869.—FRUIT JAR.—Edwin Bennett, Baltimore, Md.
96,870.—WOOD PAVEMENT.—Albert Betteley, Boston, Mass.
96,871.—PRESERVING FRUITS, MEATS, AND OTHER SUBSTANCES.—V. W. Blanchard, Bridport, Vt.
96,872.—FURNACE AND PROCESS FOR TREATING AND REDUCING ORES, ETC.—V. W. Blanchard, Bridport, Vt. Antedated November 6, 1869.
96,873.—FASTENING FOR FRUIT JARS.—Eliam Boorse, Philadelphia, Pa.
96,874.—PROCESS AND APPARATUS FOR ANNEALING METALS.—J. M. Bottum, New York city.
96,875.—GANG PLOW.—W. J. Boyce and G. W. Haines, Maine Prairie, Cal.
96,876.—FIRE EXTINGUISHER.—John F. Boynton, Syracuse, N. Y.
96,877.—WASHING MACHINE.—Charles B. Bristol, New Haven, Conn.
96,878.—GRAIN METER.—Thomas Brocket and J. J. Brown, Davenport, Iowa.
96,879.—SNOW SHOVEL.—G. W. Brown, Providence, R. I. Antedated Nov. 10, 1869.
96,880.—CARRIAGE JACK.—Daniel Bull, Amboy, Ill.
96,881.—BIT BRACE.—C. L. Butler, Greenfield, Mass.
96,882.—DRIVING CAR.—J. K. Caldwell, Allegheny City, Pa.
96,883.—CORN PLANTER.—Joseph Patten Campbell, Danville, Pa.
96,884.—STRIPPER FOR CARDING MACHINES.—L. M. Capron, (assignor to Alexander Bigelow and George Barber), Worcester, Mass.
96,885.—STEAM BOILER.—Geo. Clark, Buffalo, N. Y.
96,886.—SEWING MACHINE.—P. J. Clever, Goliad, Texas.
96,887.—CARRIAGE.—I. A. Clippinger, Newton, Iowa. Antedated Nov. 8, 1869.
96,888.—WASHING MACHINE.—Geo. Combs, Utica, N. Y.
96,889.—BAIL OR HANDLE FOR PAIRS, ETC.—E. T. Covell, Brooklyn, N. Y. Antedated Nov. 10, 1869.
96,890.—MANUFACTURE OF NOZZLE AND SCREW CAPS FOR OIL CANS, ETC.—E. T. Covell, Brooklyn, N. Y.
96,891.—THILL COUPLING.—W. H. Cox and Theophilus Larouche, Williamstown, N. Y.
96,892.—HAY TEDDER.—T. C. Craven, Albany, N. Y., assignor to W. L. and H. K. Boyer.
96,893.—STEAM CLOTH PRESS.—John J. Crawford, Glasgow, Scotland.
96,894.—HORSE HAY FORK.—Jephtha Cummins and C. E. Cummins, Perry, Mich.
96,895.—WATER GOVERNOR.—Henry Curtner (assignor to himself and Eli Ragon), Anna, Ohio.
96,896.—COMBINED HARVESTER AND THRASHER.—W. G. Davis and L. T. Davis, McMinnville, Oregon, assignors to Daniel McCreary, J. B. Davis, and L. T. Davis.
96,897.—LANTERN.—Cyrus Dean, Buffalo, N. Y., assignor to J. A. Blake, Port Robinson, Canada.
96,898.—CARRIAGE FIFTH WHEEL.—D. D. Decker, Saugerettes, N. Y., assignor to himself and W. B. Dubois.
96,899.—KILN FOR REVIVIFYING BONE BLACK.—J. O. Donner, Jersey City, N. J.
96,900.—VACUUM PAN AND SIMILAR APPARATUS.—J. O. Donner, Jersey City, N. J.
96,901.—HEMMER FOR SEWING MACHINE.—T. H. Eulass, Mason City, Ill.
96,902.—BASE-BURNING STOVE.—M. G. Fagan (assignor to himself and J. B. Wilkinson), Troy, N. Y.
96,903.—LINK-MOTION DEVICE FOR STEAM ENGINES.—E. Faron (assignor to Reaney, Son & Co.), Chester, Pa.
96,904.—CARRIAGE THILL COUPLING.—Cyrus Fisher, Canton, Mass., assignor to himself and A. G. Fisher, New York city.
96,905.—MANUFACTURE OF IRON AND STEEL.—F. P. Fletcher and V. W. Blanchard, Bridport, Vt.
96,906.—CHURN DASHER.—J. M. Fletcher, Sidney, Ohio.
96,907.—PLOW.—Asahel Franklin, Springfield, Ohio.
96,908.—SASH HOLDER.—J. G. Garretson and O. S. Garretson, Buffalo, N. Y.
96,909.—LAMP-SHADE HOLDER.—E. P. Gleason, New York city.
96,910.—MACHINE FOR CUTTING THREADS ON BOLTS.—J. J. Grant (assignor to Charles H. Stockbridge), Northampton, Mass. Antedated Nov. 6, 1869.
96,911.—CASTING COPPER TUBES.—James F. Guthrie, Somerville, Mass.
96,912.—TUBE-CUTTING MACHINE.—Samuel Halliwell, New Haven, Conn.
96,913.—FRICTION CLUTCH.—Moses Hawkins (assignor to himself, R. M. Bassett, and T. S. Bassett), Birmingham, Conn.
96,914.—PIPE COUPLING.—Rowland Hill, East Boston, Mass.

96,915.—CARPET.—David Hirschberg, Baltimore, Md.
96,916.—METHOD OF LINING RINGS, BUCKLES, ETC.—John P. Hisley (assignor to himself and Henry L. Duquai), Syracuse, N. Y.
96,917.—HORSE RAKE.—H. W. Holcomb (assignor to himself and W. F. Hughes), Northville, Mich.
96,918.—WOODEN PAVEMENT.—Phineas Howard (assignor to J. S. Josselyn, W. B. Lake, and R. F. Josselyn), San Francisco, Cal. Antedated Nov. 3, 1865.
96,919.—COTTON SEED PLANTER.—O. P. Humber, Greenville, N. C.
96,920.—BRICK MACHINE.—D. J. Hunter, Exeter, N. H.
96,921.—FACING FOR BUILDINGS.—Thomas A. Hunter and John Blewitt, New York city.
96,922.—IRON FRONT FOR BUILDINGS.—P. H. Jackson, New York city.
96,923.—WATER FILTER.—J. C. Jewett, Buffalo, N. Y.
96,924.—DOOR CHECK.—W. H. Johnson, Sr., Clayton, Ind.
96,925.—MECHANISM FOR OPERATING THE JACKS IN LOOMS.—C. H. Knowlton, Camden, N. J.
96,926.—GRAIN DRILL.—Benj. Kuhns, Dayton, Ohio.
96,927.—RAISING AND MOVING COAL, ETC.—Alfred Lawton, Philadelphia, Pa.
96,928.—HORSE SHOERS' HOOF PARER.—Franz Lehmann, Riverside, Ill.
96,929.—GALLEY REST.—M. T. Lincoln (assignor to himself and Wm. Robinson), Washington, D. C.
96,930.—BROILER.—G. H. Link and C. D. Curtis, Syracuse, N. Y.
96,931.—NEEDLE POLISHER, SHARPENER, AND LUBRICATOR.—H. W. Little, Muncie, Ind.
96,932.—RAILWAY-CAR COUPLING.—Frank B. Lord, Cincinnati, Ohio.
96,933.—GRAIN BINDER.—J. W. Loveless and C. H. Shaffer, Clark's Hill, Ind. Antedated Nov. 3, 1869.
96,934.—FENCE.—Cloviss Lowe, Randolph, N. H.
96,935.—THILL SHACKLE.—John Madden and Upson Bushnell, Cleveland, Ohio.
96,936.—COMPOSITION FOR PREVENTING OXIDATION OF METALLIC WATER OR GAS PIPES.—George Albert Mariner and Folsom Dorsett, Chicago, Ill.
96,937.—HAND SPINNING MACHINE.—Chelton, Matheny, Greensburg, Ind.
96,938.—CORN SHELLER.—W. M. Mayall, Gray, Me., assignor to himself and J. C. Mayall, Boston, Mass.
96,939.—BREWING ALE, BEER, ETC.—Jas. McCormick, Boston, Mass.
96,940.—VAPOR BATH APPARATUS.—John McNeven, New York city.
96,941.—BAG HOLDER.—Jas. McPhail, Charles City, Iowa.
96,942.—CHEESE HOOP.—H. W. Millar, Utica, N. Y.
96,943.—MEDICAL COMPOUND FROM OAK BARK.—S. J. Miller, Economy, Ind.
96,944.—SEWING MACHINE FOR BOOTS AND SHOES.—Daniel Hills, New York city, assignor to Charles Goodyear, Jr., New Rochelle, N. Y.
96,945.—METHOD OF WARMING RAILROAD CARS.—Thos. N. Morse, Fairhaven, Mass.
96,946.—ANIMAL TRAP.—Joseph Nampel, Freeport, Ill.
96,947.—PUMP.—S. B. B. Nowlan (assignor to Jas. Coleman and Wm. Baxter), New York city.
96,948.—SAWING MACHINE.—Wm. Oller (assignor to himself and J. D. Ulery), Scenery Hill, Pa.
96,949.—SEAM FOR TIN CANS.—C. R. Otis, Chicago, Ill.
96,950.—BLIND SLAT OPERATOR.—Oscar Paddock, Watertown, N. Y.
96,951.—CORSET.—L. A. Palmer (assignor to himself and F. E. Hibbard), Boston, Mass.
96,952.—WATER WHEEL.—Philip O. Palmer, Swoope's Depot, Va.
96,953.—LIP SHIELD.—E. C. Philbrick, Bath, Me.
96,954.—FABRIC FOR SHIRT COLLARS.—C. F. Pidgin, Boston, Mass. Antedated Nov. 3, 1869.
96,955.—WEIGHING SCALE.—William P. Pierce, New York city.
96,956.—HANGING LOWER TOPSAIL YARDS.—E. J. Pinkham, Portland, Me.
96,957.—PIPE WRENCH.—Charles Pomeroy, Mattoon, Ill.
96,958.—OIL CAN.—Charles Pratt, New York city.
96,959.—HYDRANT.—Washburn Race and S. R. C. Mathews Lockport, N. Y., assignors to S. R. C. Mathews.
96,960.—MACHINE FOR SHEARING ANGLE IRON.—Thomas Reaney, Chester, Pa.
96,961.—STAND FOR EXHIBITING PHOTOGRAPHS, ETC.—J. S. Reid, Orange, Ind.
96,962.—COUPLING FOR HOLLOW SHAFTS.—P. W. Reinshagen (assignor to himself and J. H. Buckman), Cincinnati, Ohio.
96,963.—VELOCIPÈDE.—Joseph Repetti, Philadelphia, Pa.
96,964.—STEERING APPARATUS.—F. M. Richardson, Stockton, Me.
96,965.—ALARM FOR LETTER BOXES.—E. H. Ripley (assignor to himself and J. A. Kohl), Boston Highlands, Mass.
96,966.—WRITING DESK.—F. Robbin, Hudson City, N. J., assignor to himself and Philip Lehr, New York city.
96,967.—CHURN.—F. L. Roberts, Jacksonville, assignor to J. M. McPherson, Ripley, Ill.
96,968.—HASP LOCK.—C. W. A. Romer, Newark, N. J.
96,969.—SASH PULLEY.—Benoit Roux (assignor to himself and George Haupt), Cincinnati, Ohio.
96,970.—STRAW CUTTER.—J. V. Rowlett, Richmond, Ind.
96,971.—CLAMP.—Wm. Sailer, Philadelphia, Pa.
96,972.—TOY.—Ernest Santin, New York city.
96,973.—BROILER.—G. S. Saxton (assignor to himself and J. M. Saxton), St. Louis, Mo.
96,974.—PLATFORM LADDER.—Jacob Sheetz, Sunbury, Pa.
96,975.—MACHINE FOR ROLLING TUBES.—G. H. Sellers, Wilmington, Del.
96,976.—RAILWAY CAR COUPLING.—G. Shatswell, Waukegan, Ill.
96,977.—HANGING BASKET.—Daniel Sherwood (assignor to Woods, Sherwood & Co.), Lowell, Mass.
96,978.—APPARATUS FOR CURING MEAT.—M. B. Sherwood, Jr., Buffalo, N. Y.
96,979.—CULTIVATOR.—James Simpson, Cordova, Ill.
96,980.—BLIND RACK.—C. E. Smith, Goffstown, N. H.
96,981.—BUCKLE FOR CLOTHING.—E. A. Smith, Waterbury, Conn.
96,982.—JOINTED PIPE CONNECTION.—Hiram Smith, Norwalk, Ohio.
96,983.—SPRING.—J. M. Schmidt, New Albany, Ind.
96,984.—CONCRETE COMPOUND FOR PAVEMENTS, ETC.—J. W. Smith, Washington, D. C., assignor to J. C. Peck and Benj. Fenner, for five eighths interest.
96,985.—BRICK MACHINE.—P. J. Smith (assignor to himself, C. B. Andress, B. F. Pine, H. G. Sickle, Thomas Woods, and J. Q. Ginnoco), Philadelphia, Pa.
96,986.—LAMP.—R. H. Smith (assignor to J. S. and T. B. Atterbury), Pittsburgh, Pa.
96,987.—TOP FOR SIRUP PITCHERS.—Thomas Smith, Jr., Boston, Mass.
96,988.—COMPOSITION FOR PAVEMENTS.—H. F. Snow and J. H. Davis, Dover, N. H.
96,989.—MEANS FOR VENTILATING, COOLING, AND WARMING BEPS.—D. E. Somes, Washington, D. C.
96,990.—PAGING MACHINE.—Samuel W. Soule, Milwaukee, Wis.
96,991.—COAL SCREEN.—William Sparks, New York city. Antedated Nov. 5, 1869.
96,992.—TELEGRAPH SOUNDER.—Henry Splitdorf, New York city.
96,993.—PACKING FOR PISTONS AND VALVES.—W. M. Stevenson and Austin Pearce, Harmony, Pa., assignors to themselves and G. E. Haney, Boston, Mass.
96,994.—BAKING POWDER.—John Stowell, Charlestown, Mass.
96,995.—BRICK MACHINE.—R. Stuckwisch, Terre Haute, Ind.
96,996.—HAY ELEVATOR.—Hiram C. Stouffer, East Lewisville, assignor to George Smith, Lowellville, Ohio. Antedated May 17, 1869.
96,997.—STILL FOR DISTILLING NAPHTHA AND PETROLEUM.—A. H. Tait, Jersey City, N. J.
96,998.—PROCESS OF PREPARING GRAIN FOR DISTILLATION.—Henry Tauszky, New York city, assignor to Eli D. Bannister and Rudolph Tauszky.

96,999.—SAFETY VALVE.—Henry Taylor and J. M. Coale, Baltimore, Md.
97,000.—MACHINE FOR GRINDING THE CUTTERS OF MOWING MACHINES.—A. P. Thayer, Syracuse, N. Y.
97,001.—MODE OF COLLECTING AND STORING CARBONIC ACID FOR EXTINGUISHING FIRES.—Eli Thayer, Worcester, Mass., assignor to himself and M. Cowing, New York city.
97,002.—FILE.—Albert Thompson, Norway, Me., assignor to himself and G. T. Wheeler, Ridgway, Pa.
97,003.—BOOK RACK.—J. P. Tibbits, New York city.
97,004.—ARTIFICIAL MARBLE.—Christian Volckmann (assignor to Otto Dresel, John Seltzer, and P. A. Schlapp), Columbus, Ohio.
97,005.—SCHOOL DESK.—A. S. Vorse, Des Moines, Iowa.
97,006.—DRYER.—J. M. Ward (assignor to himself and T. B. White), Oxford, Ohio.
97,007.—COMPOUND SOAP.—Alexander Warfield, Alexandria, Va.
97,008.—CORN SHELLER.—H. P. Watts, Lynchburg, Va., assignor to himself and J. A. Cooley.
97,009.—VEHICLE FOR TRANSPORTING MACHINES.—Geo. W. Wheeler, 2d, New Ipswich, N. H.
97,010.—BIT-STOCK FASTENING.—C. P. Whitman, Charlemon, Mass., assignor to himself and W. C. Dodge, Washington, D. C.
97,011.—WATER ELEVATOR.—T. P. Wilcox, Hebron, Ind.
97,012.—HANDLE FOR BRUSHES, CARDS, ETC.—Daniel Witt and Aaron Wait, Hubbardston, Mass.
97,013.—MODE OF ATTACHING SEATS TO WAGONS.—D. J. Wilcoxson (assignor to himself and A. J. Mowry), Milan, Ohio.
97,014.—SEWING MACHINE FOR BUTTON HOLES.—George B. Woodruff and George Browning, London, England, assignors to "The Singer Manufacturing Co.," New York city.
97,015.—DIE FOR MAKING SHEARS.—S. H. Woods, Berlin, assignor for one half to R. S. Gladwin, West Meriden, Conn.
97,016.—SIGNAL LIGHT FOR RAILROAD CARS.—H. A. Wright Logansport, Ind.
97,017.—PROCESS OF MANUFACTURING STEEL.—James Johnston (assignor to himself, Alexander Postley, S. H. Nesbit, J. C. Percibing, Lewis Peterson, and Thomas Fawcett), Allegheny, Pa., and John Hunter, Alliance, Ohio.
97,018.—WASHING MACHINE.—G. L. Witsil, Philadelphia, Pa., assignor to himself and Charles Merrill, Detroit, Mich.
97,019.—DEVICE FOR GRATING GREEN CORN FROM THE COB, ETC.—G. L. Witsil (assignor to himself and R. D. L. S. Gutzesell), Philadelphia, Pa.
97,020.—STREET RAILWAY.—A. Van Camp, Washington, D. C., and M. M. Hoagman, St. Louis, Mo.

REISSUES.

78,569.—COMPOSITION FOR DESTROYING INSECTS ON FRUIT TREES.—Dated June 2, 1868; reissue 3,728.—John Ahearn, Baltimore, Md., assignee of B. Best.
71,706.—SAFETY POCKET.—Dated Dec. 3, 1867; reissue 3,729.—Joseph Colton, New York city.
34,182.—SKELETON SKIRT.—Dated January 14, 1862; reissue 3,730.—Division A.—Marks Fishel, Adolph Opper, and Leo Popper, New York city, assignees of Marks Fishel.
34,182.—SKELETON SKIRT.—Dated Jan. 14, 1862; reissue 3,731.—Division B.—M. Fishel, Adolph Opper, and Leo Popper, New York city, assignees of Marks Fishel.
12,780.—SHUTTLE FOR LOOMS.—Dated May 1, 1855; reissue 3,732.—Dated March 30, 1869; extended seven years; reissue 3,732.—Liberty Ditchfield, P. C. Litchfield, and L. M. Litchfield, Southbridge, Mass., assignees of Lydia W. Litchfield, administratrix of the estate of Laroy Litchfield, deceased.
20,192.—EXPANSIVE BIT.—Dated May 11, 1858; reissue 3,733.—Dated June 22, 1869; reissue 3,733.—William A. Clark, Woodbridge Conn.
29,690.—MACHINE FOR DRESSING AND FINISHING THREAD.—Dated Aug. 21, 1860; reissue 3,734.—Origin Hall, Willimantic, Conn., and T. Merrick, Holyoke, Mass.
92,050.—PRINTING PRESS.—Dated June 29, 1869; reissue 3,735.—R. M. Hoe and S. D. Tucker, New York city.
94,005.—WASHING MACHINE.—Dated Aug. 24, 1869; reissue 3,736.—Alex. King and G. H. King, Painesville, Ohio.
94,428.—COMPOUND FOR CURING CHOLERA IN HOGS AND CHICKENS.—Dated Aug. 31, 1869; reissue 3,737.—A. C. McMahon, Lincoln, Ill.
72,561.—MACHINE FOR FOLDING TINNED PLATES.—Dated Dec. 24, 1867; reissue 3,738.—O. W. Stow, Plantsville, Conn.

DESIGNS.

3,750.—SIGN.—Emil Ney, New York city.
3,751.—TRADE MARK.—W. F. Sayles and F. C. Sayles, North Providence, R. I.
3,752.—COTTON KNIFE.—G. A. Seaver, New York city.
3,753.—FLOOR OIL CLOTH.—C. W. Strout, Hallowell, Me.
3,754.—TEA SERVICE.—H. Vasseur (assignor to Simpson, Hall, Miller & Co.), Wallingford, Conn.
3,755.—PERFORATED BANNER.—Wm. S. Worthington, Newtown, N. Y.

EXTENSIONS.

MACHINE FOR MANUFACTURING CORKS.—Mary F. Crocker, of West Winsted, Conn., administratrix of the bonis non of W. R. Crocker, deceased.—Letters Patent No. 13,714, dated Oct. 30, 1855.
PROCESS FOR MAKING ZINC WHITE.—Samuel Wetherill, of Baltimore, Md.—Letters Patent No. 13,806, dated Nov. 13, 1855.
PLANING MACHINE.—Jas. A. Woodbury, of Boston, Mass.—Letters Patent No. 13,808, dated Nov. 13, 1855.
LATHE CHUCK.—Eli Horton, of Windsor Locks, Conn.—Letters Patent No. 13,787, dated Nov. 13, 1855.
TOBACCO PRESSES.—R. Kingsley, of Springfield, Mass.—Letters Patent No. 13,790, dated Nov. 13, 1855.

NEW PUBLICATIONS.

OUR HOME PHYSICIAN. By George M. Beard, M. D.
We are indebted to the publishers, Messrs. E. B. Treat & Co., 654 Broadway, for a copy of this work, which we noticed in the SCIENTIFIC AMERICAN, August 28th, in advance of its publication. The volume is a very large one, with numerous illustrations, and treats of the structure and functions of the body, the influence of occupation on health and longevity; the laws of inheritance with new and original chapters on diet, stimulants, and narcotics, air, sunlight, exercise, climate, electricity, and nervous diseases of modern times; and full directions for the care of the sick, and the management of infants and children; with a general description of recent medical discoveries and improvements; plain suggestions for the treatment of diseases, adapted to the wants of the household, and for those who, like miners, sailors, planters, and dwellers in remote districts, are beyond the ready call of a physician. We have carefully examined this volume, and we do not hesitate to pronounce it one of great value to every family in the land.

APPLICATIONS FOR EXTENSION OF PATENTS.

CULTIVATOR TEETH.—Charles H. Sayre and George Klinek, Utica, N. Y. have applied for an extension of the above patent. Day of hearing Jan. 26, 1870.
MANUFACTURE OF IRON AND STEEL.—Henry Bessemer, of London, England, has petitioned for the extension of the above patent. Day of hearing, Jan. 26, 1870.
GEARING FOR FEED ROLLERS OF PLANING MACHINES.—Charles Burleigh, Georgetown, Colorado Territory, has applied for an extension of the above patent. Day of hearing, January 26, 1870.
REFINING IRON.—Christian Shunk, Philadelphia, Pa., has applied for an extension of the above patent. Day of hearing Jan. 26, 1870.
SEALING PRESERVE CANS.—R. H. Lewis, Sacramento, Cal., has petitioned for an extension of the above patent. Day of hearing Jan. 26, 1870.

Caveats are desirable if an inventor is not fully prepared to apply for his patent. A caveat affords protection for one year against the issue of a patent to another for the same invention. Patent fee on filing a caveat, \$10. Agency charge for preparing and filing the documents from \$10 to \$12. Address MUNN & CO., 37 Park Row, New York.
Inventors Examined at the Patent Office.—Inventors can have a careful search made at the Patent Office into the novelty of their inventions, and receive a report in writing as to the probable success of an application. Send sketch and description by mail, inclosing fee of \$5. Address MUNN & CO., 37 Park Row, New York