

88,800.—COMPOSING STICK.—Francis W. Murray, Cincinnati, Ohio.
88,801.—BOG-CUTTER AND DRAG.—John W. Newton, Geneva, Wis.
88,802.—WHEELWRIGHT MACHINE.—James O'Connor, Jackson, Mo.
88,803.—STILT.—Charles Page and George W. Miller, Meriden, Conn.
88,804.—HORSE HAY FORK.—James A. Park (assignor to himself and William Woodhouse), Lansing, Mich.
88,805.—FURNACE FOR ANNEALING TACKS, NAILS, ETC.—E. G. Paull (assignor to American Tool Company), Fair Haven, Mass.
88,806.—WASHING MACHINE.—Spencer B. Peugh, Salem, Ind.
88,807.—PROCESS AND APPARATUS FOR THE MANUFACTURE OF EXTRACT OF BARK, ETC.—John Pickles, Wigan, England.
88,808.—SEWING MACHINE.—Heinrich Pollack and Edwin Schmidt, Hamburg, Germany.
88,809.—NAIL PLATE FEEDER.—I. R. Richardson, New Castle, Pa.
88,810.—TABLE CUTLERY.—Charles L. Robertson, Providence, R. I.
88,811.—COMB.—Charles L. Robertson, Providence, R. I.
88,812.—CORN PLANTER.—Andrew Runstetter, Peoria, Ill.
88,813.—MILKING STOOL.—Erastus W. Scott, Wauregan, Conn.
88,814.—BLIND CATCH.—Wm. Frank Seavey, Portland, Me.
88,815.—VELOCIPEDE.—Samuel M. Skidmore, Brooklyn, N. Y.
88,816.—WASHING MACHINE.—Hamilton E. Smith, New York city.
88,817.—HANDLE FOR DRAWERS.—John Smith, Brockport, N. Y.
88,818.—GATE.—W. Willard Sowles (assignor to himself and A. D. Wilcox), Manlius, N. Y. Antedated January 18, 1869.
88,819.—FENCE.—Thomas Stanford, Noblesville, Ind.
88,820.—FIRE TONGS.—F. Stith, Memphis, Tenn.
88,821.—BORING MACHINE.—Miles Sweet, Troy, N. Y.
88,822.—HAY SPREADER.—Benjamin F. Taft (assignor to himself and David Needham), Groton Junction, Mass.
88,823.—MACHINE FOR MIXING TEA.—William Thompson, No. 83 Lower Gardiner Street, Dublin, Ireland.
88,824.—BOOT AND SHOE.—William H. Towers, Boston, Mass.
88,825.—TOOTH BRUSH.—William B. Watkins, Jersey City, N. J.
88,826.—LINIMENT.—Wm. W. Wells, Freehold, N. J.
88,827.—MANUFACTURE OF PAPER BOXES FROM PULP.—Seth Wheeler and Edgar Jerome, Albany, N. Y.
88,828.—GATE.—A. D. Wilcox, Manlius, N. Y.
88,829.—JUG TOP.—Homer Wright (assignor to himself, Henry H. Collins, and Benjamin F. Collins), Pittsburg, Pa.
88,830.—MANUFACTURE OF CHEESE.—J. W. Andrews and N. J. Ogden, Dryden, N. Y.
88,831.—STEP LADDER.—E. R. Austin, Elmira, N. Y.
88,832.—SLED BRAKE.—S. W. Barber, Heath, Mass.
88,833.—CARPENTERS' GAGE.—T. E. Barrow, Mansfield, Ohio.
88,834.—VISE.—J. D. Beck, Liberty, Pa.
88,835.—PRINTING PRESS.—Henry Betts (assignor to himself and Hart Z. Norton), Norwalk, Conn. Antedated April 3, 1869.
88,836.—SELF-ADJUSTING WATCH KEY.—John S. Birch, New York city.
88,837.—DIE FOR MAKING AWLS.—James P. Blake, Rockville, Mass.
88,838.—BREAST COLLAR.—George W. Blakesley, Rockford, Ill.
88,839.—KNIFE SHARPENER.—Charles A. Bogert, Bay City, Mich.
88,840.—RING FOR SPINNING MACHINES.—John Booth (assignor to Dr. G. W. Peckham, trustee, and said trustee assigns to John Booth and Sales, Jenks and Sons), Smithfield, R. I.
88,841.—HAND TRUCK FOR SACKING GRAIN AND MOVING THE SAME.—William Brocklesby, Jr., Caledonia, Ohio.
88,842.—EXTENSION LADDER.—Moses T. Burbank, Lawrence, Mass.
88,843.—GRAIN FAN BLAST.—John Butterworth and William H. Butterworth, Trenton, N. J.
88,844.—PROCESS AND APPARATUS FOR EXTINGUISHING FIRE BY MEANS OF WATER CHARGED WITH CARBONIC ACID.—Dawson Miles, Cambridge, Mass., administrator of Philippe Francois Carlier, deceased, and Alphonse A. C. Vignon, Paris, France.
88,845.—PICKER FOR LOOMS.—A. H. Carroll, Baltimore, Md.
88,846.—BALING PRESS.—Nathan Chapman, Milford, Mass.
88,847.—CHURN.—Nathan Chapman, Milford, Mass.
88,848.—WRENCH.—John Charlton, Newark, N. J.
88,849.—GRAIN CONVEYER FOR ELEVATORS.—D. C. Chester, Ogdensburg, N. Y.
88,850.—CIGAR MACHINE.—R. M. Cole, Burlington, Vt.
88,851.—PLOW.—Wm. S. Colwell, Allegheny City, Pa.
88,852.—MODE OF WARMING RAILWAY CARS.—A. C. Cray, Utica, N. Y.
88,853.—MAGAZINE FIREARM.—Thomas Cullen, San Francisco, Cal.
88,854.—VAPOR BURNER.—Joseph R. de Mahy and J. P. Cross, New Orleans, La.
88,855.—SASH HOLDER.—D. M. Doneho, Beaver Court House, Pa.
88,856.—DEVICE FOR HOLDING EDGE TOOLS WHILE BEING GROUND.—P. V. Dunn, Calamus, Wis. Antedated April 5, 1869.
88,857.—MODE OF HANGING AND FASTENING DOORS.—C. N. Earl, Elk River, Minn.
88,858.—HORSE RAKE.—Wm. Emmons, Sandwich, Ill.
88,859.—WAGON BRAKE.—O. F. Evans, Guilford, N. Y.
88,860.—FELT SHOE.—Reese Evans, Milltown, N. J.
88,861.—EAR BLANK FOR ELLIPTIC SPRINGS.—Wm. Evans, Pittsburgh, assignor to John Evans, Philadelphia, Pa.
88,862.—COOKING RANGE.—Francis Falls and John P. Hayes, Philadelphia, Pa., assignors to Francis Falls. Antedated Oct. 13, 1868.
88,863.—HARVESTER PITMAN.—J. R. Finley, Delphi, Ind.
88,864.—SMOKE STACK FOR LOCOMOTIVE ENGINES.—Lorenzo Fulton, Cincinnati, Ohio.
88,865.—MACHINE FOR SHAPING HATS.—G. W. Gallagiere, and E. W. Ruby, New Milford, Conn.
88,866.—FENCE POST.—E. S. Goodrich, Oakland, Wis.
88,867.—STOVE AND FURNACE.—Wm. P. Hall, Piqua, Ohio.
88,868.—CULTIVATOR.—J. R. Hand, Billingsville, Ind.
88,869.—CARVING MACHINE.—Adolph Henkel, New York city.
88,870.—SEED PLANTER.—I. F. Herrin, San Antonio, Texas.
88,871.—STEAM ENGINE.—W. C. Hicks, New York city. Antedated April 1, 1869.
88,872.—VELOCIPEDE.—W. S. Hill, Manchester, N. H.
88,873.—COMPOUND FOR DESTROYING INSECTS.—Jacob Hinds, Hindsburg, N. Y.
88,874.—ADJUSTING FEED ROLLERS FOR CARDING ENGINES.—Lyander Holmes, Newton, Mass.
88,875.—BRAN DUSTER.—Stephen Hughes, Hamilton, Ohio.
88,876.—MECHANISM FOR TRANSMITTING MOTION.—C. C. Hull, Williamsburgh, N. Y.
88,877.—COMPOSITION FOR ARTIFICIAL STONE.—C. B. Hutchins, Ann Arbor, Mich.
88,878.—MILE PAN.—B. F. Jewett, North Bangor, N. Y.
88,879.—TREATING WOOD FOR THE MANUFACTURE OF PAPER PULP.—V. E. Keegan, Boston (Southern District), Mass.
88,880.—THRESHING AND SEPARATING MACHINE.—J. W. M. Kirkpatrick, Hamburg, Ark.
88,881.—NURSING TABLE.—Jeremiah Larkin, Unionville, S. C.
88,882.—SCREW THREADING MACHINE.—W. J. Lewis, Pittsburgh, Pa.
88,883.—PASTRY CUTTER AND CRIMPER.—W. R. Marie, Boston, Mass., assignor to T. A. Mitchell, Washington D. C.
88,884.—ATTACHING HOES TO THEIR HANDLES.—J. A. Marine (assignor to himself and A. T. Manker), Mooresville, Ind.
88,885.—MACHINE FOR MAKING SHEET-METAL SCREW CAPS.—J. I. Mason, New York city.
88,886.—MANUFACTURE OF SHEET-METAL SCREW CAPS.—J. I. Mason, New York city.
88,887.—RUBBER HOSE, OR TUBING.—T. J. Mayall, Roxbury, Mass.
88,888.—MANUFACTURE OF RUBBER HOSE OR TUBING.—T. J. Mayall, Roxbury, Mass.
88,889.—VELOCIPEDE.—F. W. McCleave, New Bedford, Mass.
88,890.—BREECH-LOADING FIREARM.—John McGoveren, New York city.

88,891.—WELL-AUGER.—A. A. McMahan, Oxford, Miss.
88,892.—WEATHER STRIP.—E. Mears, Battle Ground, Ind.
88,893.—SAW FILING MACHINE.—C. G. Miller, Brattleborough, Vermont.
88,894.—VELOCIPEDE.—T. H. Mott, New York city.
88,895.—SCISSORS.—Albert Murdock (assignor to himself and H. E. Snow), North Bridgewater, Mass.
88,896.—DOUBLE TREE.—H. W. Palmer, Kingsville, Ohio.
88,897.—SHUTTLE HOLDER.—C. H. Parmenter (assignor to G. W. Raynes and A. S. George), Lowell, Mass. Antedated April 8, 1869.
88,898.—RAILWAY SWITCH.—F. P. Perdue, Atlanta, Ga.
88,899.—COMBINED MOWING MACHINE AND HAY SPREADER.—J. G. Perry, Kingston, R. I.
88,900.—APPARATUS FOR ARRANGING AND CONVEYING SCREW BLANKS.—E. S. Pierce (assignor to National Screw Company), Hartford, Conn.
88,901.—APPARATUS FOR ARRANGING AND CONVEYING SCREW BLANKS.—E. S. Pierce (assignor to National Screw Company), Hartford, Conn.
88,902.—DEVICE FOR CONNECTING THE PARTS OF MACHINERY.—E. S. Pierce (assignor to National Screw Company), Hartford, Conn.
88,903.—OIL CAN.—Wm. Polyblank, Cleveland, Ohio.
88,904.—CARRIAGE COUPLING.—H. J. Pringle and Wm. Pringle, Columbus, Ohio.
88,905.—WASHING AND WRINGING MACHINE.—H. O. Reddish, Linden, N. Y.
88,906.—LET-OFF MECHANISM FOR LOOMS.—Rensselaer Reynolds, Stockport, N. Y.
88,907.—SASH STOP AND LOCK.—Rensselaer Reynolds, Stockport, N. Y.
88,908.—LOCK NUT.—Almon Roff, Southport, Conn.
88,909.—ELECTRIC ORGAN ACTION.—H. L. Roosevelt, New York city.
88,910.—ADVERTISING FRAME.—W. H. Sadler, and James M. Drysdale, Baltimore, Md.
88,911.—TABLE CASTER.—A. B. Searles, Providence, R. I.
88,912.—TABLE CASTER.—A. B. Searles, Providence, R. I.
88,913.—FANNING MILL.—H. F. Seibert, Brady's Bend, Pa.
88,914.—COOKING STOVE.—W. G. Semple, Cincinnati, Ohio.
88,915.—CULTIVATOR.—J. B. Sexton (assignor to himself and J. L. Andrew), Pella, Iowa.
88,916.—POTATO DIGGER.—Isaiah Shaw, Four Corners, Md. Antedated March 15, 1869.
88,917.—MOP HEAD.—Emile Sirret and E. G. Sirret, Buffalo, N. Y.
88,918.—SECURING KNOBS TO THEIR SHANKS.—T. J. Sloan, New York city.
88,919.—SECURING KNOBS TO THEIR SHANKS.—T. J. Sloan, New York city.
88,920.—TOOL FOR SHAVING THE EDGES OF THE SOLES OF BOOTS AND SHOES.—Thomas Smiley, Albia, Iowa.
88,921.—FOLDING MILKING SEAT.—Selden Snow, Somers, Conn.
88,922.—BROOM HEAD.—W. C. Spellman, Baltimore, Md.
88,923.—LIFTING JACK.—Timothy Stebins, San Francisco, Cal.
88,924.—COTTON GIN.—R. W. Stough, Griffin, Ga.
88,925.—VALVE AND VALVE SPRING FOR MELODEONS, ETC.—A. L. Swan, Cherry Valley, N. Y.
88,926.—COMPOUND FOR FILLING THE PORES AND COATING WOOD.—Horace Thayer, Johnsonburg, N. Y.
88,927.—APPARATUS FOR RAISING BEER.—J. L. Treat, New York city.
88,928.—CONSTRUCTION OF BURGLAR-PROOF SAFES.—J. Weimar, New York city.
88,929.—STEAM POWER BREAK DEVICE.—Geo. Westinghouse, Jr., Schenectady, N. Y.
88,930.—VELOCIPEDE.—J. J. White, Philadelphia, Pa.
88,931.—HARROW.—B. B. Williams, Laclede, Mo.
88,932.—SASH HOLDER.—B. F. Wilson, Geddes, N. Y.
88,933.—STOP VALVE FOR STEAM AND OTHER ENGINERY.—B. F. Wilson, Geddes, N. Y.
88,934.—STOP VALVE FOR STEAM AND OTHER ENGINERY.—B. F. Wilson, Syracuse, N. Y.
88,935.—WASHING MACHINE.—W. W. Wilson, Geneva, Wis.
88,936.—SEWING MACHINE.—Wm. Winter, Leeds, England.
88,937.—CLOTHES DRYER.—Louis Winterhalder and David Wilson, New York city.
88,938.—DRIVE WHEEL FOR HARVESTERS.—W. A. Wood, Hoosick Falls, N. Y.
88,939.—MODE OF ROASTING IRON ORES.—Henry Aitken, Falkirk, Scotland.
88,940.—GUARD ATTACHMENT FOR CULTIVATORS.—Jas. Armstrong, Jr., Elmira, Ill.
88,941.—MODE OF PURIFYING IRON.—Ed. Brady, Philadelphia, Pa.
88,942.—FINGER SHIELD FOR PENMEN.—Chas. N. Brainerd, Hartford, Conn.
88,943.—SHINGLE MACHINE.—Merrill Chase, Jr., and Horace J. Morton (assignor to themselves and F. C. Merrill), South Paris, Me.
88,944.—DEVICE FOR ADJUSTING AND HANGING CARRIAGE BODIES.—J. D. Cole, Phelps, N. Y.
88,945.—HAY LOADER.—Emmett Cooper, Theresa, N. Y.
88,946.—BASE-BURNING STOVE.—D. B. Cox, Troy, N. Y.
88,947.—APPARATUS FOR EXHIBITING HYMNS, ETC.—H. V. Edmond, Norwich, Conn.
88,948.—MATERIAL FOR CARTRIDGE CASES.—Alfred B. Ely, Newtown, Mass.
88,949.—CIRCULAR SAW.—J. E. Emerson, Trenton, N. J.
88,950.—FASTENING FOR WAGON SEATS.—Peter Faber and Henry Martin, Canandaigua, N. Y.
88,951.—HARVESTER.—Amasa Foot, Earlville, Ill., assignor to C. R. Cook, Buffalo, N. Y.
88,952.—TRACE BUCKLE.—Kasson Frazer, Syracuse, N. Y.
88,953.—BUILDING.—W. J. Fryer, Jr., New York city.
88,954.—BUGGY AND WAGON TOP.—Gustav Fuchs (assignor to himself and J. E. Wehr), Milwaukee, Wis.
88,955.—DUMPING WAGON.—T. H. Gary, Bristol, Md.
88,956.—LET-OFF MECHANISM FOR CARRIERS FOR BRAIDING MACHINES.—Thomas Greenhalgh (assignor to himself and A. L. Holgate), Baritan, N. J. Antedated April 5, 1869.
88,957.—CHURN DASHER.—W. J. Hale, Ashley, Ill.
88,958.—LASTING TOOL.—Frederick Henderson, Marietta, Ohio, assignor to himself and Isaac Atkinson.
88,959.—BOLT.—Chas. H. Hopkins (assignor, by mesne assignments, to himself and H. A. Alden), Lyndonville, Vt.
88,960.—SURFACE CONDENSER.—John Houpt, Springfield, Pa.
88,961.—HARNESS SADDLE.—W. G. Hull, Sing Sing, N. Y.
88,962.—WAGON BRAKE AND TONGUE SUPPORT.—Abram C. Jacques, Leavenworth, Kansas.
88,963.—AMALGAMATOR.—Solomon Johnson, San Francisco, Cal.
88,964.—BLAST HEATING APPARATUS FOR SMELTING FURNACES.—J. C. Kent, Phillipsburg, N. J.
88,965.—OX YOKE.—Emmas Knowlton, Stockbridge, and S. F. Smith, Royalton, Vt.
88,966.—STAIR ROD.—Moritz Krickl (assignor to H. Uhry), New York city.
88,967.—MELODEON ATTACHMENT FOR PIANOFORTES.—La Fayette Louis, New York city.
88,968.—LAMP.—Louis Mangeon, New York city.
88,969.—SASH STOP.—W. J. Manker and A. T. Manker, Indianapolis, Ind.
88,970.—PIANOFORTE.—Theo. Marschall, New York city.
88,971.—SEED SOWER AND PLANTER.—E. G. Matthews, Newton, assignor to F. F. Holbrook, Dorchester, Mass.
88,972.—SHEET-METAL LATHE MACHINE.—Edwin May, Indianapolis, Ind.
88,973.—SALVE FOR CURE OF FOOT-ROT IN SHEEP.—John McDowell, Buffalo township, Pa.
88,974.—COMBINED KNOB-LATCH AND LOCK.—John McLeod, San Francisco, Cal.
88,975.—STENCIL IMPRESS.—G. V. Metzel, Baltimore, Md.
88,976.—INKING APPARATUS FOR COLOR PRINTING.—Thomas Moore and P. H. Day, Bloomington, Ill.
88,977.—FOLDING BEDSTEAD.—John Muller, Philadelphia, Pa.
88,978.—PROCESS OF PURIFYING PETROLEUM.—C. C. Parsons, New York city.
88,979.—TRUSS PAD.—E. C. Penfield, Philadelphia, Pa.
88,980.—POWER HAMMER.—T. T. Prosser, Chicago, Ill.

88,981.—MACHINE FOR HEADING BOLTS.—T. T. Prosser, Chicago, Ill.
88,982.—MANUFACTURE OF ILLUMINATING GAS.—A. C. Rand, New York city.
88,983.—CHURN LID SCREEN.—Edward Reynolds, Winneconne, Wis.
88,984.—STOCKING SUPPORTER.—J. A. Robbins, Boston, Mass.
88,985.—DOOR SPRING.—Wm. Ross, Baltimore, Md.
88,986.—BASE-BURNING STOVE.—Elihu Smith, Albany, N. Y.
88,987.—BASE-BURNING STOVE.—Elihu Smith, Albany, N. Y.
88,988.—FOLDING TABLE.—J. W. Smith, Charlestown, Mass.
88,989.—SEED PLANTER.—T. G. Smith, Canton, Miss.
88,990.—METHOD OF TRANSMITTING MOTION IN CAR BRAKES AND OTHER MACHINERY.—Joseph Steger, New York city.
88,991.—HORSE HAY FORK.—J. B. Sweetland, Pontiac, Mich.
88,992.—TRUNK.—C. A. Taylor, Chicago, Ill.
88,993.—STAIR ROD.—H. Uhry, New York city.
88,994.—STAIR ROD.—H. Uhry, New York city.
88,995.—STAIR ROD.—H. Uhry, New York city.
88,996.—RING AND TRAVELER FOR SPINNING.—Thos. Welham, Philadelphia, Pa.
87,997.—MECHANISM FOR MIXING SOAPSTONE WITH COTTON BEING CARDED.—T. Welham, Philadelphia, Pa.
88,998.—GANG PLOW.—Geo. Wharton, Jerseyville, Ill.
88,999.—SIRUP PITCHER.—J. P. Whipple, Woonsocket, R. I.
89,000.—WASHING MACHINE.—John Young, Amsterdam, N. Y.
89,001.—HAND CORN SHELLER.—Joseph C. Curryer, Thorn town, Ind.

REISSUES.

88,444.—STEAM ENGINE VALVE DEVICE.—Dated Oct. 27, 1868 reissue 3,364.—William Baxter, Newark, N. J.
82,957.—HOLLOW AUGER.—Dated Oct. 13, 1868; reissue 3,365.—W. A. Ives, New Haven, Conn.
58,435.—ROCK CHANNELING MACHINE.—Dated Oct. 2, 1866; reissue 3,366.—E. G. Lamson, Shelburne Falls, Mass.
16,460.—STONE CHANNELING MACHINE.—Dated Jan. 27, 1857; reissue 3,367.—E. G. Lamson, Windsor, Vt., assignee of G. W. Bishop.
18,552.—ROCK CHANNELING MACHINE.—Dated Oct. 6, 1857; reissue 3,368. Division A.—E. G. Lamson, Windsor, Vt., assignee of William Plumer.
18,552.—ROCK CHANNELING MACHINE.—Dated Oct. 6, 1857; reissue 3,369. Division B.—E. G. Lamson, Windsor, Vt., assignee of William Plumer.
63,079.—HORSE RAKE.—Dated March 19, 1867; reissue 3,370.—John I. Monroe, Woburn, Mass.
19,377.—HARVESTER.—Dated Feb. 16, 1858; reissue 44, dated March 5, 1861; reissue 3,371. Division A.—Frederick Nishwitz, Brooklyn, N. Y.
19,377.—HARVESTER.—Dated Feb. 16, 1858; reissue 44, dated March 5, 1861; reissue 3,372. Division B.—Frederick Nishwitz, Brooklyn, N. Y.
36,672.—SEEDING MACHINE.—Dated Oct. 14, 1862; reissue 3,373.—J. S. Rowell and Ira Rowell (assignees of J. S. Rowell and M. F. Lawth), Beaver Dam, Wis.
60,573.—METHOD OF BLASTING WITH NITROLEUM.—Dated Dec. 18, 1866; reissue 3,374. Division A.—Taliaferro P. Shaffner, Louisville, Ky.
60,573.—METHOD OF BLASTING WITH NITROLEUM.—Dated Dec. 18, 1866; reissue 3,375. Division B.—Taliaferro P. Shaffner, Louisville, Ky.
63,804.—FARE BOXES FOR CARS, ETC.—Dated April 16, 1867; reissue 3,376.—J. B. Slawson, New York city, assignee, by mesne assignments, of W. H. McLellan.
50,617.—MODE OF EXPLODING NITRO-GLYCERIN.—Dated Oct. 24, 1865; reissue 3,377. Division A.—The United States Blasting-oil Co., New York city, assignees of Alfred Nobel.
50,617.—DEVICE FOR EXPLODING NITRO-GLYCERIN.—Dated Oct. 24, 1865; reissue 3,378. Division B.—The United States Blasting-oil Co., New York city, assignees of Alfred Nobel.
50,617.—MODE OF MANUFACTURING NITRO-GLYCERIN.—Dated Oct. 24, 1865; reissue 3,379. Division C.—The United States Blasting-oil Co., New York city, assignees of Alfred Nobel.
50,617.—USE OF NITRO-GLYCERIN.—Dated Oct. 24, 1865; reissue 3,380. Division D.—The United States Blasting-oil Co., New York city, assignees of Alfred Nobel.
57,175.—MANUFACTURE OF NITRINE OR CRYSTALLIZING NITRO-GLYCERIN.—Dated Aug. 14, 1866; reissue 2,588, dated April 2, 1867; reissue 3,381. Division 1.—The United States Blasting-oil Co., New York city, assignees of Alfred Nobel.
57,175.—PROCESS OF MANUFACTURING NITRO-GLYCERIN.—Dated August 14, 1866; reissue 2,588, dated April 2, 1867; reissue 3,382. Division 2.—The United States Blasting-oil Co., New York city, assignees of Alfred Nobel.
28,936.—SEED PLANTER.—Dated June 26, 1860; reissue 3,383.—Elijah Young, Fayetteville, Mo.

DESIGNS.

3,446.—HANDLE OF A TABLE CASTER.—H. A. Dirkes, New York city.
3,447.—TRADE MARK.—H. A. Fanshawe, New York city.
3,448.—CARRIAGE.—John C. Ham, New York city.
3,449.—ERASER.—Wesley W. Hamilton (assignor to himself and W. G. Vermilye), New York city.

EXTENSIONS.

MACHINE FOR MAKING CANDLES.—John Stainthorp, Brooklyn N. Y.—Letters Patent No. 12,492, dated March 6, 1855.
CUT-OFF VALVE FOR STEAM ENGINES.—Noble T. Greene, of Providence, R. I.—Letters Patent No. 12,507, dated March 13, 1855.
PROCESS OF CURING MEATS.—John C. Schooley, Cincinnati Ohio.—Letters Patent No. 12,530, dated March 13, 1855.
BENZOLE VAPOR APPARATUS.—Charles Cunningham, Nashua N. H.—Letters Patent No. 12,535, dated March 13, 1855.
CULTIVATOR.—G. W. N. Yost, of Corry, Pa.—Letters Patent No. 12,571, dated March 20, 1855.
PRINTING PRESS.—Lemuel T. Wells, of St. Louis, Mo.—Letters Patent No. 12,568, dated March 20, 1855.
ILLUMINATING VAULT COVERS.—Thaddeus Hyatt, of New York city.—Letters Patent No. 12,595, dated March 27, 1855.
OPERATING VALVES IN DIRECT-ACTING STEAM ENGINES.—William H. Guild and William F. Garrison, of Brooklyn, N. Y.—Letters Patent No. 12,592, dated March 27, 1855; reissue No. 382, dated July 29, 1856.
PLOW.—Thomas J. Hall, of Bryan, Texas.—Letters Patent No. 12,627, dated April 3, 1855.

APPLICATIONS FOR THE EXTENSION OF PATENTS.

BUCKLES.—Stephen E. Booth, of Orange, Conn., administrator of the estate of S. S. Hartshorn, deceased, has petitioned for the extension of the above patent. Day of hearing, June 21, 1869.
SELF-ADJUSTING WIND MILL.—Addison P. Brown, of Syracuse, N. Y., has petitioned for the extension of the above patent. Day of hearing, June 21, 1869.
LOOMS.—S. T. Thomas, of Gilford, N. H., has applied for an extension of the above patent. Day of hearing, June 21, 1869.
LOOMS.—S. T. Thomas, of Gilford, N. H., has applied for an extension of the above patent. Day of hearing, June 21, 1869.
SPRING-BED BOTTOM.—Hiram Tucker, of Newton, Mass., has applied for an extension of the above patent. Day of hearing, June 21, 1869.
SAND-PAPER CUTTING MACHINE.—William Adamson, of Philadelphia, Pa., has petitioned for an extension of the above patent. Day of hearing, June 21, 1869.
METHOD OF RAISING AND LOWERING THE CUTTERS OF HARVESTERS.—Jonathan F. Barrett, of North Granville, N. Y., has petitioned for the extension of the above patent. Day of hearing, June 21, 1869.
MACHINE FOR MAKING BOLTS.—William E. Ward, of Portchester, N. Y., has petitioned for an extension of the above patent. Day of hearing, June 21, 1869.
LANTERNS.—Charles Waters, of Poughkeepsie, N. Y., has petitioned for the extension of the above patent. Day of hearing, June 28, 1859.
SHIP'S WINCHES.—Peter H. Jackson, of New York city, has petitioned for the extension of the above patent. Day of hearing, July 19, 1869.