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APPLICATIONS FOR EXTENSION OF PATENTS.

IRON TRUSS FRAMES FOR BRIDGES.-Francis C. Lowthorp, Trenton, N.J.,

haspetitioned for an extension of the above patent. Day of hearing, June

FACTITIOUS IVORY .- William M. Welling, New York city, has petitioned for an extension of the above patent. Day of hearing. July 19, 1871.

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rights under the extension, except by special agreement. The Government

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Committee on Library and Publications, of the American

Institute of Architects, and sold by Western & Co., 37

WAYS: A Treatise on the Principles and Construction of

the Locomotive Engine and Railway Plant. With Ex-amples Selected from the International Exhibition of

1862. Illustrated with sixty large engravings and nu-merous wood cuts. By Zerah Colburn, Esq., Civil Engi-neer. Part XVII. New York: John Wiley & Son, 15

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the above patent. Day of hearing, June 14, 1871.

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14, 1871.

113,354.—HOLD-BACK FOR VEHICLES.—N. W. Simons, Wil-liamsfield, Ohio. Rockton, Ill. 113,355.-FEED WATER HEATER.-T. D. Simpson, Mount

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- vernon, 113,356.—
- Baltimor

- 113,368.-RUBBER PAINT.-Samuel Truscott, Cleveland, 113,451. 113,369.—PORTABLE DUMPING HOD FOR EARTH CLOSETS.

- 113,369.—PORTABLE DUMPING HOD FOR EARTH CLOSETS.— k, W. C. Vanderveer, Elizabeth, N. J.
   113,370.—ELECTRIC GAS LIGHTING AND EXTINGUISHING APPRATUS.—John Vansant, San Francisco, Cal.
   113,371.—ANIMAL TRAP.—C. B. Veronee, Athens, Ga.
   113,372.—BED LOUNGE.—Valentine von Dissen, New York city.
   113,373.—POTATO DIGGER.—J. A. Wadhams, Blue Island, II.
   112,374.—Commun Direct.—L. E. Worksham, New York
   113,455.—SAFETY VALVE.—Matthew Scrannage, Bate & Co.), Boston, Mass.
   113,456.—CORN SALVE.—Anthony Seabold, Florence, Ohio, II.
   113,456.—CORN SALVE.—Anthony Seabold, Florence, Ohio, II.
- 111. 113,374.—COFFER DAM.—J. E. Walsh, New York city. 113,375.—SAWING MACHINE.—W. W. Waterbury, and J. M. Waterbury, New Canaan, Conn. 113,376.—VOTE-RECORDING MACHINE.—Adan Weston, Keese-
- 113,370.— VOTE-RECORDING MACHINE.— Await Weston, Acces-ville, N. Y. 113,377.— COMBINED LOCK AND LATCH.— S. H. Wheeler,
- 113,373.—COMBINED DOCK AND DATCH. S. H. Wheeler, Dowagiac, Mich.
  113,378.—HINGE.—Shepherd H. Wheeler (assignor to himself, Enos L. Chappell, and Guy E. Chappell), Dowagiac, Mich.
  113,379.—FOOT LIFTER FOR BLACKSMITHS.—T. C. Williams, Warrentown, Mo.
  113,380.—SPINDLE BEARING.—Charles F. Wilson, Brooklyn,
- 113,381.—LIFTING JACK.—Hiram J. Wilson, Mason, Mich.
- 113,382.—CRIB ATTACHMENT FOR BEDSTEADS.— J. H. L Wilson, Auburn, Kanbas. 113,383.—COMBINED COTTON SEED PLANTER AND CULTI-
- vator. James A. Wright, Marietta, Ga. 113,384.—CHEST EXPANDER.—Samuel L. Barnett, New York

- 113,390.—WANG AND SUBSOIL FLOW.—JOEI L. BOIN, MARSHAI-town, Iowa.
  113,391.—SEWING MACHINE.— Thomas W. Bracher, New York city.
  113,392.—CORSET.—Morris P. Bray, Birmingham, Conn.
  113,393.—MODE OF MAKING TELEGRAPH INSULATORS.—Wm. Brookfield, New York city.
  113,394.—PACKAGE FOR HYDROCARBON AND OTHER LIQUIDS. —MOREAN BROWN New York city.
- -Morgan W. Brown, New York city. 113,395.—PACKAGE FOR OYSTERS, CLAMS, ETC.—Morgan W.
- 113,395.—PACKAGE FOR OYSTERS, CLAMS, ETC.—Morgan W. Brown, New York city.
  113,396.—COVERING FOR SAUSAGES AND OTHER MEATS.— Morgan W. Brown, New York city.
  113,397.—PUMP VALVE.—Adam S. Cameron, New York city 113,398.—TOWEL BRACKET AND SPONGE HOLDER.—J. F. Chandler, Boston, Mass.
  113,399.—ELECTRIC BATTERY FOR TELEGRAPHING AND oTHER PURPOSES.—Daniel M. Cook, Mansfield, Ohio.
  113,400.—WATER WHEEL.—Gardner Cox, Pierpont, N. Y.
  113,400.—WATER WHEEL.—Gardner Cox, Pierpont, N. Y.

- 113,400.—WATER WHEEL.—Gardner Cox, Pierpont, N. Y.
  113,401.—SMELTING IRON AND OTHER ORES.—R. D. Cox and W. F. Cox, Philadelphia, Pa.
  113,402.—CHILD'S CARRIAGE OR PERAMBULATOR.—Benj. P. Crandall, Jr., Williamsburgh, N. Y.
  113,403.—SUSPENDING SIGN, ETC.—John H. Crane and Chas. W. Crane, Boston, Mass.
  113,404.—STREET-SPRINKLING MACHINE.—S. E. Cursons Buffalo, N. Y.
  113,405.—SEDIMENT COLLECTOR FOR STEAM BOILERS.—C. Mass.
  113,406.—TRACE BUCKLE.—Myron H. Dinsmore (assignor to hirself, Milton J. Snyder, and Aaron Briggs), Shickshinny, Pa.
  113,406.—BREECH-LOADING FIREARM.—William C. Dodge, Washington, D. C.
  113,407.—BENNE DARGE COMPARAMENT COLLECTOR FOR STEAR C. Mass.
  113,408.—BREECH-LOADING FIREARM.—William C. Dodge, Washington, D. C.
  113,408.—BREECH-LOADING FIREARM.—William C. Dodge, Washington, D. C.
  113,405.—BRECH-LOADING FIREARM.—William C. Dodge, Washington, D. C.
  113,405.—BRECH-LOADING FIREARM.—William C. Dodge, Washington, D. C.
  113,406.—ALTOR C.
  113,407.—BENNER MACHINE.—ALTOR SALES.—C.
  113,408.—BREECH-LOADING FIREARM.—William C. Dodge, Washington, D. C.
  113,407.—BERNER MARKARA, MARCHINE, MARKAR, MACHINE, C.
  113,407.—BERNING MACHINE.—Alfred S. Dinsmore, Boston, Mass.
  113,408.—BREECH-LOADING FIREARM.—William C. Dodge, Washington, D. C.
- 113,408.—BREECH-LOADING FIREARM.—William C. Dodge,
- Washington, D. C. 113,409.—ADVERTISING DEVICE.—James F. Emery, Albany, assignor to himself and James E. Thomson, Buffalo, N. Y. 113,410.—HORSE POWER.—Thomas Addis Emmet Evans,
- Albany, Ga. 113,411.—EARTH CLOSET.—Benjamin Ferris, Wilmington,
- 113,412.—SAW MILL.—George Finnegan, Dublin, Ireland.
- 113,413.—STOVE DRUM.—Charles Fisher (assignor to himself and Henry N. Wilcox), Niles, Mich.
  113,414.—TUMBLER FOR PERMUTATION LOCKS.—Charles Flesch, Rochester, N. Y.
  113,415.—LET-OFF MECHANISM FOR LOOMS.—William T.
- Flinn (assignor to himself and Jacob Steinmetz Thorn), Philadelphia Pa. 113,416.—TREATMENT OF SEWAGE AND THE MANUFACTURE OF FERTILIZERS. – David Forbes, York Place, Portman Square, and A. P. Price, Lincoln's Inn-Fields, England.
- 113,417.—MOTIVE-POWER APPARATUS.—J. T. Gilbert, Asbury,
- 113,418.—SKELETON CORSET.—T. S. Gilbert, Birmingham,
- 113,419.—CORSET.—Thomas S. Gilbert, Birmingham, Conn.
- 113,420.—BOOT AND SHOE SOLES.—Charles Goodyear, Jr., New Rochelle, and Joze De Silva, Williamsburgh, N. Y., assignors to Charles Goodyear, Jr. 113,421.—PLOW COLTER.—Charles M. Gordon, La Porte, Ind.

- PLow.-Blewford Bethel, Gerard, Ill., has petitioned for an extension o
- -FEED WATER HEATER.—T. D. Simpson, Mount n, Ohio. —CRACKER MACHINE.—G. R. Skillman (assignor to 113,440.—APPARATUS FOR DRAWING WATER FROM WELLS.
- himself and James Beatty), Baltimore, Md. 113,357.—FIRE ESCAPE.—G. C. Smith and F. M. Burrows, 113,441.—WHEEL FOR VEHICLES.—J. R. Mills, Macon City, Mon
- 113,358.—WHISK BROOM.—Greenleaf Stackpole, Elizabeth, 113,442.—CULINARY VESSEL.—William H. Murch, Portland,
- 113,359.—MAIL-BAG FASTENER.—H. M. Stephenson and J. B. Tyer, Wabash, Ind.
  113,360.—MATCH SAFE.—William Stine, Elmore, Ohio, as ignor to himself and H. R. Lyle, Pilatka, Fla.
  113,361.—CHURN DASHER.—Stephen Stout, Tremont, Ill.
  113,362.—HOISTING APPARATUS.—L. W. Stuart, Narrowsburg, N. Y. Antedated March 23, 1871.
  113,363.—HAY LOADER.—L. D. Taylor, Granville Center, Pa. Broklyn, N. Y.
  113,365.—COATING LAMPS.—G. W. Thomson, Buffalo, N. Y.
  113,366.—WATER METER.—I. P. Tice, New York city.
  113,366.—COTTON SCRAPER.—T. H. Trantham, De Soto county, Wiss. Antedated March 29, 1871.
  113,366.—RUBBER PAINT.—Samuel Truscott, Cleveland,
  - Pa. 1.—Spring for Wheeled Vehicles.—Cyrus W. Sal-
  - adee, st. catharine's, Canada. 113,452.—TABLE-LEAF SUPPORT.—Daniel Saylor and Lauritz
  - 113,457.—Mop HEAD.—Samuel Selden and Matthew Griswold,
  - Jr., Eric Pa. 113,458.—WAGON BOLSTER STAKE.—Lewis Washington
  - Shaeffer, Elizabethtown, Ky. 113,459.—COMPOUND FOR CURE OF FOOT ROT IN SHEEP.-
  - William T. Sherman, Marengo, Ohio. 113,460.—FIRE AŁARM.—Horatio N. Shultz, Mechanicstown, Md.
  - 113,461.-BIRD CAGE MAT.-Isaac A. Singer, New York city.
  - 113,462.—CAR COUPLING.—George C. Spangler (assignor to himself and Simpson H. Daft), Allegheny City, Pa.
    113,463.—FRICTION CONDENSER FOR ILLUMINATING GAS.— William H. St. John, Brooklyn, N. Y., and Samuel O. Rockwell, Jersey City, N.J.
  - 113,464.—CUTTER HEAD.—Alonzo Louis Sweet, Norwich,
  - Conn. 113,465.—PERMUTATION LOCK.—William Terwilliger, New York city, assignor to himself and Frederick H. North, New Britain,
  - Conn. 113,466.—TUBULAR STEAM BOILER.—Charles A. Thompson,
- 113,354.—UHEST EXPANDER.—Samuel L. Barnett, New York 113,466.—TUBULAR STEAM BOILER.—Charles A. Thompson, relation of the second states of the secon

  - delphia, Pa. Antedated March 22, 1871. 113,472.—LAMP BURNER.—Joseph Trent, Millerton, N. Y. 113,473.—BASE BURNING STOVE.—Jaspar Van Wormer (as-signor to himself and Michael McGarvey), Albany, N.Y. 113,474.—HARVESTER RAKE.—Cyrenus Wheeler, Jr., Auburn, N.Y.

  - 113,475.—HARVESTER.—Cyrenus Wheeler, Jr., and Calvin Young, Auburn, N.Y. 113,476.—MOVABLE PARTITION.—Douglas Joseph Williams,
  - Birmingham, England. 113,477.—BLOCK FOR TOP-PROP JOINTS FOR CARRIAGES. John J. Wilson, New York city.

## REISSUES.

- é, 4,317,—SLIDE FOR EXTENSION TABLE.—Merrill E. Carter, Syracuse, and Elisha Mets, Rochester, N.Y.; Elisha Mets assignor, by mesne assignments, to Hayden & Hahn.—Patent No. 44,073, dated Sept. 6, 1864.

- 4,324.—MACHINE FOR TIGHTENING ROPES, ETC.—Arthur Paget, Loughborough, England. -Patent No. 105,240, dated July 12, 1870; an-tedated April 21, 1868.

- Licdated April 21, 1868. ratent No. 105,240, dated July 12, 1870; an-Licdated April 21, 1868. John Rouse, Palmyra, N.Y. Patent No. 25,587, dated September 27, 1859.
  4, 326. ELECTRO-MAGNETIC REGULATOR FOR TEMPERATURE IN ROOMS, ETC. George Miller Sternberg, New York city. Dated No. 100,462, dated March 1, 1870.
  4, 327. COTTON PRESS. Paul Williams, Winona, Miss., as-signor to Robert A. Williams and James L. Williams. Patent No. 73,683, dated January 21, 1868. \_\_\_\_\_\_\_\_\_

## DESIGNS.

- 4,746.—HITCHING POST CAP.—Roger S. Austin, Wallingford,
- 4,746.—HITCHING FUST CAR.—Roger C. Land, Conn.
  4,747.—GANG PRESS.—Wellington Denison (assignor to him-self and Joseph H. Knight), Bome, N. Y.
  4,748.—T'ELEGRAPHER'S BADGE PIN.—Orrin C. Dow and Al-ford C. Harvey, St. Johnsbury, Vt.
  4,749.—CHAIN LINK.—Virgil Draper (assignor to Oscar M. Draper), Attleborough, Mass.
  4,750.—STATUE.—Angelo Fusary, New York city.
  4,751.—ONNAMENT FOR THE BACKS OF LOUNGES.—George

113,422.—CORN PLANTER.—Lewis Graham, Plymouth, Ill. 113,423.—MANUFACTURE OF PEAT FUEL.—R. A. Griffin, Montreal, Canada. 113,424.—FURNACE FOR STEAM BOILERS.—John C. Gripp, Pitteburgh Pa 113,422.— TORACE FOR START DOLLAR, COMP. C. STAPP, Pittsburgh, Pa.
 113,425.—RAILWAY-BRIDGE SIGNAL APPARATUS.—T. S. Hall, New Haven, Conn.
 113,426.—COMPOSITION FOR COATING PHOTOGRAPH PICTURES. Happel, New York city, 113,427.—ROLLED METALLIC STRIPS FOR WASHERS.—T. C. Hargrave, Boston, Mass. 113,428.—VALVE AND VALVE GEAR.—William Z. Hatcher (assignor to Fimself and William L. Lance), Plymouth, Pa. 113,429.—COAL SCUTTLE.—G. H. Hazelton and D. W. Hazel-113,429.—COAL SCUTTLE.—Cf. H. Hazenon and L. ton, Philadelphia, Pa. 113,430.—BOOT CRIMPER.—Henry Henley, Shoals, Ind. 113,430.—BOOT CRIMPER.—Henry Henley, Shoals, Ind. 113,432.—MACHINE FOR FORMING HEEL RANDS.—Sumner Holmes, North Brookfield, and Joseph F. Sargent, Melrose, Mass. 113,433.—GRINDING PLATE.—Edmund S. Howland, Batavia, III. IIII. III. I 113,434.—STEAM TRAP.—J. J. Jordan (assignor to himself and G. T. Carter), Philadelphia, Pa. 113,435.—APPARATUS FOR OPERATING CHURNS.—Preston L. 113 435.—APPARATUS FOR OPERATING CHURNS.—Preston L. Jordan, Lexington, Miss.
 113 436.—PLOW.—John Lane, Jr., Chicago, Ill.
 113 437.—COOKING STOVE.—E. C. Little, and D. H. Nation, St. Louis, Mo.

4,750.—STATUE.—Angelo F usary, New York City. 4,751.—ORNAMENT FOR THE BACKS OF LOUNGES.—George Hartzell (assignor to John P. Reifsnieder), Philadelphia, Pa. 4,752.—CASTER BOTTLE.—John Hoare, New York city. 4,753.—ORNAMENTATION OF GLASS WARE.—William C. King (assignor to King, Son & Co.), Pittsburgh, Pa. 4,754 to 4,759.—JELLY GLASS.—William M. Kirchner, Pitts- J. S. J. S. D. BELLE GLASS. WILLIAM M. KIrchner, Pitts-burgh, Pa. Six patents.
 4,760 to 4,767. —CARPET PATTERN.—Levi G. Malkin, New York city, assignor to Hartford Carpet Company, Hartford, Conn. Eight patents. 4,769.—ORNAMENTATIN OF RUBBER SHOES.—Christopher Meyer, New York city. 4,770.—LAMP BRACKET.—Frederick R. Seidedsticker (assignor to Bradley & Hubbard), West Meriden, Conn. 4,771 to 4,772.—CARPET PATTERN.—John H. Smith, Enfield, assignor to Hartford Carpet Company, Hartford, Conn

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