provement upon the artificial fountain for which letters patent of the United States were issued to A. P. Yates. May 31, 1870. The improvement consists, mainly, in arranging the flexible or compressible water reservoir in the upper end of a tubular or hollow standard for the purpose of bringing it nearer the place or point of discharge of the water, to avoid taking up the space within the base or pedestal that would be perfectly employed to contain flowers or other ornaments to cause the descent of the fountain top to assistin expelling the water from the flexible reservoir, and to avoid forming rack teeth on the outside of the standard or pillar, where they are constantly exposed to view.

CAR COUPLING.—Theodore B. Tremper, of Rockland Lake, N. Y.—This invention consists of a pair of hooks pivoted in a socketed connecting bar; adapted for connecting with the ordinary socketed draw head by the ordinary connecting pin, to be used in one draw head and couple with a vertical triangular pin in the other head behind the place where the common pin is, which triangular pin opens the hooks when they are pushed in. The hooks are closed behind the triangular pin by springs. The triangular pin has a triangular or wedge shaped part below that which opens the hook, with its apex arranged to open the hooks and uncouple the cars while exposed to the draft, when the pin is raised up so that said part comes between them, and an elbow lever is provided in connection with said ρin for so raising it.

PRESERVING EGGS. - William S. Marsh, of Raymond, Wis. - This invention consists in the successive application of alum and sulphur to the surface of eggs as a preservative coating.

SCROLL SAW GUIDE.—Samuel Ide, of Medina, N. Y.—A pair of steel guides are clamped against the sides of the saw at one end and together at the other end behind the saw in such manner as to make a wedge shaped groove cor responding to the saw, which is thinner at the back edge and gradually thickens towards the front. Above these steel guides is a pair of cotton waste and oil holding cups for lubricating the saw and the guides, one on each side of the saw. These are connected to plates somewhat like the plates of the guide, and they are clamped against a thin plate as thick as the thickest saw that will be used, which plate has a V groove in one end which comes against the back edge of the saw and forms a guide therefor, no matter whether the saw be thick or thin. The said oiling cups and thin plates thus serve to hold this guide, besides serving for the essential object for which they are designed.

Mode of Balancing Pulleys .- Ebenezer W. Phelps, of Elizabeth, N. J. —This invention relates to a new and useful mode of balancing pulleys and fly wheels. It consists in an interior flange on the rim containing holes or apertures for attaching weights for balancing the pulleys or other body. This flange corresponds with the arms, and serves to strengthen the rim and also serves to shorten and consequently strengthen the arms. The weights may be made of lead, each with a stem, so that it can be readily riveted to the flange. The invention is not confined to any particular form of weight or manner of attaching it. The weight may be made with holes, so that two may be placed opposite each other on the flange and both be fastened thereto by a single rivet. Instead of being continuous, the flange may be sectional, but a continuous flange is preferred.

BREASTEIN.—This is a thermometer plate, graduated in the usual manner, with a thermometer suitably attached to the plate. The attaching device consists of a bent pin projecting from the back of the plate, by which the latter may be quickly and conveniently attached to any part of the clothing. The whole is made in an ornamental form and of small size, so as to be suitable for a breastpin, shawl pin, etc.

Official List of Latents.

ISSUED BY THE U. S. PATENT OFFICE.

FOR THE WEEK ENDING DECEMBER 19, 1871.

Reported Officially for the Scientific American

SCHEDULE OF PATENT FEES:
On each Caveat\$10
On each Trade-Mark
On fling each application for a Patent, (seventeen years)
On f ling each application for a Patent, (seventeen years). \$15 On issuing each original Patent . \$20
On appeal to Examiners-in-Chief. \$10
On appeal to Examiners-in-Chief. 310 On appeal to Commissioner of Patents. \$20 On application for Reissue. \$3
On application for Reissue
On application for Extension of Patent. \$50 On granting the Extension. \$50
On granting the Extension
(In filing a Disclaimer Sil
On an application for Design (three and a half years)
On an application for Design (seven years)
On an application for Design (three and a half years)

121,925.—CURING MEAT.—W. G. Bell, Boston, Mass. 121,926.—FRUIT B•x.—C. A. Blair, New Britain, Conn.
121,927.—Boot, etc.—M. Bray, Newton Center, Mass.
121,928.—BAGG AGE TRUCK.—W. H. Brown, Bangor, Me.
121,929.—PIPE Coupling.—C. Burger, Reading, Pa.
121,930.—Liquid Soap.—D. Cardullo, Titusville, Pa.
121,930.—Liquid STAP.—D. Carduno, Thusvine, Fa. 121,931.—Addressing Machine.—W. H. Clague, R. B. Ran-
dall Rochaster N V
dall, Rochester, N. Y. 121,932.—H•RSE P•WER.—W. Deering, Louisville, Ky.
121,983.—FURNACE.—G. H. Diehl, Chicago, Ill.
121,934.—HEAD BLOCK.—T. Douglass, Warren, O.
121.935.—Steam Engine.—E. Evans, North Tonawanda, N.Y.
121,935.—STEAM ENGINE.—E. Evans, North Tonawanda, N.Y. 121,936.—Toy.—G. W. Fisher, Rochester, N. Y.
121,937.—METER.—V. Fogerty, Boston, Mass.
121,938.—LAMP SIGN.—J. T. Foley, New York city.
121,939.—Thrasher, etc.—C. S. Hall, Rochester, N. Y.
121,940.—NEEDLE SHARPENER.—T. Harris, Cote St. Paul, Can.
121,941.—CHAIR.—E. W. Hastings, Boston, Mass.
121,942.—AIR REGISTER.—H. F. Hayden, Washington, D. C.
121,943.—Coffin.—M. M. Hersman, Delavan, Ill.
121,944.—HEMMER.—W. Johnson, Haverhill, Mass.
121.945.—Rocking Horse.—E. Kirsch. South Amesbury. Mass.
121,945.—ROCKING HORSE.—E.Kirsch,South Amesbury,Mass. 121,946.—Dyed Paper.—G. La Monte, G. G. Saxe, C. H. Clay-
ton. New York city.
121,947.—R●TARY ENGINE.—R. Leach, Bangor, Me.
121,948.—Recovering Tin.—C. Lennig, Phila., Pa.
121,949.—LAWN SPRINKLER.—J. Lessler, Buffalo, N. Y.
121,950.—SAW.—C. V. Littlepage, Austin, Tex.
121,951.—FORMING SAW TEETH.—C.V. Littlepage, Austin, Tex.
121,952.—PIAN●F●RTE.—L. Matt, Boston, Mass.
121,953.—CLOTHES RACK.—D. Miller, Marietta, O.
121,954.—Whip Steck.—W. H. Millikin, Baltimore, Md.
121,955.—Mop.—C. S. Moore, H. P. Soyd, Worcester, Mass.
121,956.—Securing Rails.—J. Newton, Marengo, Mich.
121,956.—Securing Rails.—J. Newton, Marengo, Mich. 121,957.—Potato Planter.—A. E. Payne, Jonesville, Mich.
121,956.—Securing Rails.—J. Newton, Marengo, Mich. 121,957.—Potato Planter.—A. E. Payne, Jonesville, Mich.
121,956.—Securing Ralls.—J. Newton, Marengo, Mich. 121,957.—Potato Planter.—A. E. Payne, Jonesville, Mich. 121,958.—Hay Tedder.—J. G. Perry, Kingston, R. I. 121,959.—Whip Socket.—G. M. Peters, Columbus, O.
121,956.—SECURING RAILS.—J. Newton, Marengo, Mich. 121,957.—POTATO PLANTER.—A. E. Payne, Jonesville, Mich. 121,958.—HAY TEDDER.—J. G. Perry, Kingston, R. I. 121,959.—Whip SOCKET.—G. M. Peters, Columbus, O. 121,960.—WATER CUT OFF.—P. B. Peters, Marietta, O.
121,956.—SECURING RAILS.—J. Newton, Marengo, Mich. 121,957.—P©TAT® PLANTER.—A. E. Payne, Jonesville, Mich. 121,958.—HAY TEDDER.—J. G. Perry, Kingston, R. I. 121,959.—Whip S®CKET.—G. M. Peters, Columbus, O. 121,960.—WATER CUT OFF.—P. B. Peters, Marietta, O. 121,961.—SUPP®RTING C®RES.—C. J. C. Petersen, Port Ches-
121,956.—SECURING RAILS.—J. Newton, Marengo, Mich. 121,957.—P®TAT® PLANTER.—A. E. Payne, Jonesville, Mich. 121,958.—HAY TEDDER.—J. G. Perry, Kingston, R. I. 121,959.—WHIP S®CKET.—G. M. Peters, Columbus, O. 121,960.—WATER CUT OFF.—P. B. Peters, Marietta, O. 121,961.—SUPP®RTING C®RES.—C. J. C. Petersen, Port Chester, N. Y.
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121,956.—SECURING RAILS.—J. Newton, Marengo, Mich. 121,957.—P©TAT© PLANTER.—A. E. Payne, Jonesville, Mich. 121,958.—HAY TEDDER.—J. G. Perry, Kingston, R. I. 121,959.—WHIP S©CKET.—G. M. Peters, Columbus, O. 121,960.—WATER CUT OFF.—P. B. Peters, Marietta, O. 121,961.—SUPP©RTING C©RES.—C. J. C. Petersen, Port Chester, N. Y. 121,962.—STEAM TRAP.—W. E. Prall, Washington, D. C. 121,963.—BELT KNIVES.—B. F. Radford, Hyde Park, Mass.
121,956.—SECURING RAILS.—J. Newton, Marengo, Mich. 121,957.—P®TAT® PLANTER.—A. E. Payne, Jonesville, Mich. 121,958.—HAY TEDDER.—J. G. Perry, Kingston, R. I. 121,959.—WHIP S®CKET.—G. M. Peters, Columbus, O. 121,960.—WATER CUT OFF.—P. B. Peters, Marietta, O. 121,961.—SUPP®RTING C®RES.—C. J. C. Petersen, Port Chester, N. Y. 121,962.—STEAM TRAP.—W. E. Prall, Washington, D. C.

121,966.—CHECK LEVER.—J. B. Secor, Chicago, Ill. 121,967.—Needle Holder.—J. B. Secor, Chicago, Ill. 121,968.—Geverner.—H. F. Shaw, West Roxbury, Mass.

FOUNTAIN.—Henry Broezel, of Mauston, Wis.—This invention is an improvement upon the artificial fountain for which letters patent of the 121,976.—TREADLE.—J. B. Winslow, Charlestown, Mass. 121,977.—INCUBATOR.—E. Woodward, N. J. Millett, Charlestown, Willester, Charlestown, Mass.

town, Mass.

121,978.—FAUCET.—J. H. Alexander, Geneva, N. Y.
121,979.—STEAM BOILER.—J. H. Ansell, Pontiac, Mich.
121,980.—Door Securer.—D. Arndt, Cleveland, Ohio.
121,981.—Duarping Car.—C. Barrett, Boston, Mass. 121,982 -RUBBER ERASER.-W. N. Bartholomew, Newton Center, Mass. 121,983.—BARN FORK.—C. T. Beebe, Jackson, Mich

121,984.—MEDICAL COMPOUND. L. Bodenheimer, Paducah, Ky 121,985.—STAMP GUIDE.—H. Bolthoff, Central City, Col. Ter. 121,986.—STAMP CANCELER.—F. W. Brooks, New York city. ,987.—SEAL LOCK. F.W. Brooks,G.A. Everett, New York city 121,988.—BALE TIE.—F. G. Brown, Brenham, Tex. 121,989.—MEDICAL COMPOUND.—I. Brown, Phila., Pa. 121,990.—BED SPRING.J.P.Chamberlain, North Abington, Mass.

121,991.—WATERING DEVICE.—D. Cheney, Brookfield, Mo. 121,992.—GARMENT STRAP.—S. L. Clemens, Hartford, Conn. 121,993.—PAPER FILE.—L. Cohn, Montreal, Can. 121,995.—FAPER FILE.—L. COIII, Montreal, Call. 121,994.—PURIFYING BRINE.—L. R. Cornell, Syracuse, N. Y. 121,995.—HAT VENTILATOR.—W. Dale, New York city. 121,996.—PENCIL SHARPENER.—S. W. Davis, C. P. Elliott,

Norristown, Pa.
121,997.—HAIR WEAVING.—N. Demongeot, Washington, D. C. 121,998.—Extending Tables.—A. Dickinson New York city 121,999.—Bee Hive. W. W.Dodson, J.B. Bray, Lynnville, Tenn.

122,000.—Steam Radiator.—E. P. Doyen, Portland, Me. 122,001.—Furniture Spring.—J.J.Eagleton, New York city 122,002.—Saw Mill..—D. A. Edie, Norrisville, Md. 122,003.—GATE.—J. Faussett, Leonardtown, Md. 122,004.—CHURN.—W. Fritts, Flanders, N. J. 122,005.—ALBUM.—W. S. Gavan, Savannah, Ga.

122,005.—ALBUM.—W. S. Gavan. Savannah, Ga.
122,006.—BUNG INSERTER.—J.Gillies,Glasgow, Great Britain.
122,007.—HARVESTER REEL.—G. S. Grier, Milford, Del.
122,008.—PIŅKING MACHINE.—T. Hagerty, Richmond, Va.
122,009.—FRICTION CLUTCH, ETC.—A. W. Hall,Northfield,Vt.
122,010.—BOLLER CASING, ETC.—W. P. Hall, Piqua, Ohio.
122,011.—LATCH KEEPER.—W. Harvey, Albany, N. Y.
122,012.—DENTAL FORCEPS.—L. G. Haskins, Newport, N. Y.
123,013.—HASP LOCK.—W. D. Heister, Newton Hamilton, Pa.
132,014.—PROJECTILE.—J. H. Helm, Pittsburg, Pa.
122,015.—MOLDING INSULATOR, R. Hemingray, Covington, Ky.
122,016.—CASTER.—S. S. Hickock, Methuen, Mass.

122,016.—Caster.—S. S. Hickock, Methuen, Mass.

122,018.—CASTRIC.—S. S. HICKOUK, ARCHICAN, JABOS.
122,017.—HUSK SPLITTER.—B. Hollis, Randolph, Ill.
122,018.—PAPER HOLDER.—G. A. Howe, Niles, Mich. 122,018.—Paper Holder.—G. A. Howe, Niles, Mich.
122,019.—Steam Generator.—D. C. Howell, Goshen, N. Y.
122,020.—Cow Bell Strap.—J. H., A. Hughes, Wautoma, Wis.
122,021.—Line Connector.—C. Jarvis, New York city.
122,022.—Chimney Cap.—A. B. Johnson, Washington, Ind.
122,023.—Packing Paper.—A. L. Jones, New York city.
122,024.—Gas Apparatus.—E. Jones, Boston, Mass.
122,025.—Gas Apparatus.—E. Jones, Boston, Mass.
122,026.—Churn.—J. A. Jordan, Shelbyville, Tenn.
122,027.—Steam Generator.—J. J. Jordan, Phila., Pa.
122,029.—Dental Gold. E.G., L. Kearsing, Spring Valley, N. Y.

122,039.—Bental Gell. E.G., J. Kearsing, spring variey, N. I. 122,030.—Bent etc.—P. Kleheler, J. C. Randlett, Bangor, Me. 122,031.—Needle Electrode.—J. Kidder, New York city. 122,032.—Distilling.—Gott-Hard Kleiner, Georgetown, Mo. 122,033.—Retary Engine.—T. S. La France, Elmira, N. Y. 122,034.—CIGAR Mello.—J. J. Lahaye, J. M. Lyons, Reading, Pa.

122,035.—MINING TOOL.—I. Lamplugh, Peoria, III. 122,036.—Lifting Jack.—R. B. Little, Providence, R. I. 122,036.—LIFTING JACK.—R. B. LILLIE, FROVIDENCE, R. L. 122,037.—CORNICE.—W. Lloyd, New York city. 122,038.—GARMENT STRAP.—H. C. Lockwood, Baltimore, Md. 122,039.—HAY RAKE.—J. G. Lockwood, West Davenport, N.Y. 122,040.—UTERINE SUPPORTER.—A. Lowe, Nashville, Tenn. 122,041.—POSTAL CARD.—W. I. Ludlow, Cleveland, Ohio.

122,042.—GENERATOR, ETC.—M. N. Lynn, New Albany, Ind. 122,043.—CLOTHES DRYER.—W. C. Maynard, Marathon, N.Y. 122,044.—EMBOSSING FABRICS.—J. W. McKee, Brooklyn, N.Y. 122,045.—Forming Pan.—F. Meyer, Newark, N. J. 122,046.—Propeller.—C. Mickle, Guelph, Canada. 122,047.—Pen Case. J.Monaghan, N.Y., T. Flynn, Brooklyn, N.Y.

122,048.—BED BOTTOM.—T. H. B. Morehouse, Lansing, Mich. 122,049.—STEAM ENGINE.—F. Motley, Phœnixville, Pa. 122,050.—GRATE.—D. Pangle, Belmont, Ohio. 122,051.—MEAT CHOPPER.—W. P. Patton, Harrisburgh, Pa.

122,051.—MEAT CHOPPER.—W. P. Patton, Harrisburgh, Pa. 122,052.—Bessemer Steel Plant.—J.B.Pearse, Swatara, Pa. 122,053.—Float Valve.—J. Peters, Haverstraw, N. Y. 122,054.—Flour Bolt.—H. N. Petersen, Peoria, Ill. 122,055.—Lightning Rod.—M. D. Phelps, Bristolville, Ohio. 122,056.—Shutter Worker.—J. T. Pope, Scranton, Pa. 122,057.—Cotton Chopper.—A. G. Powell, Smithfield, N. C. 122,058.—Spark Arrester.—D.R. Proctor, Gloucester, Mass. 122,059.—Puppet Valve.—J. E. Prunty, Baltimore, Md. 122,060.—Cover Lock.—A. Richardson, New Brunswick, N. J. 122,061.—Gate Latch.—H. W. Robie, Binghampton, N. Y. 122,062.—Harvester.—J. L. Rohrer, Upper Leacock, Pa., C. E. Roper, Canton, Ohio. 122,063.—Top Joint, Etc.—C. W. Saladee, St. Catharines, Ca. 122,064.—Sharpening Knives.—I.C. Saunder, Trenton, Mich.

122,063.—TOP JOINT, ETC.—C. W. Saladee, St. Catharines, Ca. 122,064.—SHARPENING KNIVES.—I.C. Saunder, Trenton, Mich. 122,065.—MEDICAL COMPOUND.—G. W. Scollay, N. Y. city. 122,066.—SWING.—W. H. Scriven, W.K. Taylor, Flatbush, N. Y. 122,067.—FLOOD FENCE.—J. L. Seat, Nashville, Tenn. 122,068.—SASH HOLDER.—R. M. Seldis, New York city. 122,069.—CAR AXLE BOX. M. Sessions, D. Muzzey, St. Albans, Vt. 122,070.—CAR COUPLING.—W. H. Skidmore, Secor, Ill. 122,071.—CLOTHES DRYER.—W. A. Sleppy, Berwick, Pa. 122,072.—PORCELAIN KNOB ETC.—T. J. Sloan Bronxville N. Y.

122,072.—Percelain Kneb, etc.—T.J. Sloan, Bronxville, N.Y. 122,073.—Not issued. 122,073.—Not issued.
122,074.—AXLE.—W. H. Sparks, Absecom, N. Y.
122,075.—CHURN DASHER.—A. T. Still, Baldwin City, Kan.
122,076.—PIPE Mold.—W. H. Story, Flatbush, N. Y.
122,077.—WASH BOLLER.—D. P. Sulouff, Milton, Pa.
122,078.—Hold Back.—J.Thornton, E.G.Latta, Genesee, N.Y.
122,079.—CONNECTING SPRING. J.A. Topliff, G.H. Ely, Elyria, O.
122,079.—REP. Hype. J. Tritt. New Richmond.

122,079.—Connecting Spring. J.A. Topliff, G.H. Ely, Elyria, O. 122,080.—Bee Hive.—J. Tritt, New Richmond, O. 122,081.—Corset, etc.—M. J. C. Vanorstrand, Pekin, Ill. 122,082.—Pump Piston.—J. Van Tassel, Toledo, O. 122,083.—Grinder.—P. W. Vaughan, De Kalb, Ill. 122,084.—Stove.—J.V. Vrooman, J.H. Clute, Schenectady, N.Y. 122,085.—Boot, Etc.—P. Ware, Jr., Boston, Mass. 122,086.—Steam Trap.—J. E. Watts, Lawrence, Mass. 122,087.—Plow Fender.—A. P. Webber, Saratoga, Ill. 122,083.—Hinge.—W. T. Wells, Decatur, Ill. 122,089.—WASH BOWL.—W. Westlake, Chicago, Ill. 122,089.—WASH BOWL.—W. Westlake, Chicago, Ill. 120,089.—Wash Bowl.—W. Westlake, Chicago, Ill. 120,089.—Wash Bowl.—W. Westlake, Chicago, Ill. 120,089.—Wash Bowl.—W. Westlake, Chicago, Ill. 120,090.—Fagor for Metal, Bars.—E. Wheeler Phila, Pa

122,090.—FAGOT FOR METAL BARS.—E. Wheeler, Phila., Pa. 122,091.—GLOVE.—E. V. Whitaker, Gloversville, N. Y. 122,092.—SOLDERING IRON.—J. Williams, Jefferson, Texas. 122,093.—WASHING MACHINE.—J.B. Wilson, Philadelphia, Pa. 122,094.—EXTRACTING GREASE.—J. B. Wilson, Phila. Pa. 122,095.—Connecting Rod.—J.W.Zinn, Morrison's Mills, Fla. 121,969.—CUTTING SOLES.—S. J. Shaw, Marlborough, Mass. 121,970.—PULP ENGINE.—C. Smith, South Windham, Conn.

REISSUES.

121,971.—TELEGRAPH.—J. W. Stover, Boston, M. G. Crane, Newton, Mass. 121,972.—FLOWER STAND.—F. W. Test, Chicago, Ill. 4,677.—Steam Boiler.—W. H. Cornell, Easton, Pa.—Patent 4,679.—BIEAM BOILER.—W. H. COFINEH, Easton, Fa.—Fatent No. 113,857, dated April 18, 1871.

4,678.—PUMP.—R. M. Lafferty, Three Rivers, Mich.—Patent No. 104,604, dated June 21, 1870.

4,679.—BACK CHAIN.—W. B. McClure Alexandria, Va.—Patent No. 119,882, dated September 26, 1871. 121,973.—Betler.—F. Till, Reading, Pa.
121,974.—Hand Pretecter.—J. Turnbull, Simsbury, Conn.
121,975.—Ice Machine.—C. Twining, New Haven, Conn.

5,424 to 5,426.—Fringes.—W. B. Cunningham, P. Hill, Phil-

5,427.—Carpet.—J. C. Johnston, Scarborough, N. Y.

5,427.—CARPET.—J. C. Johnston, Scarborough, N. 1.
5,428.—MATCH BOX.—J. Kintz, West Meriden, Conn.
5,429 to 5,432.—WA FERPROOF GODS. B. Metz, New York city.
5,433.—METALLON HEAD.—J. H. Miller, Philadelphia, Pa.
5,434 to 5,441.—CARPETS.—R. R. Campbell, Lowell, Mass.
5,442.—CAKE TAZZA.—G. Gill, Taunton, Mass.
5,443.—THREAD SAMPLE CASE.—J. N. Leonard, Rockville, Ct.

5,444.—CARPET.—D. McNair, Lowell, Mass. 5,445.—CAKE TAZZA, ETC.—W.. Parkin, Taunton, Mass. 5,446.—CARPET.—E. Perrin, Kidderminster, England.

TRADE-MARKS.

TRADE-MARKS.

586 and 587.—WHISKY.—A. W. Balch & Co., New York city.

588-and 589.—GIN.—A. W. Balch & Co., New York city.

590.—WINE.—A. W. Balch & Co., New York city.

591.—PITCHFORK.—Bouton, Whitehead & Co., Naperville, Ill.

592.—Cooking Stove, etc.—Bridgeford & Co., Louisville, Ky.

593.—Axes.—C. Gerber & Co., Toledo, O.

594.—Fertilizers.—J. Horner, Jr., Baltimore, Md.

595.—Sheet Iron.—Rogers & Burchfield, Pittsburgh, Pa.

596.—Gloves.—Ware, Marshall & Co., Boston, Mass.

597.—Colors.—B. Weber, New York city.

598 and 599.—Medicine.—Holloway & Co., New York city.

EXTENSIONS.

LOCOMOTIVE FURNACE.—S. A. Bolster, Boston, Mass.—Letters Patent No. 18,883, lated Dec. 15, 1857.

MECHANICAL MOVEMENT FOR SEWING MACHINES, ETC.—J. ley, New York city.—Letters Patent No. 18,845, dated Dec. 15, 1857; reissue No. 4,583, dated Oct. 10, 1871.

APPLICATIONS FOR EXTENSION OF PATENTS.

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STOP MOTION FOR HAIR CLOTH LOOMS. -Foster H. Stafford, Fall River Mass, executor of Rufus J. Stafford, deceased, has petitioned for an extension of the above patent. Day of hearing, March 6, 1872.

FLY NET.-William E. Wilson, Milton, Pa., administrator of Robert Wilson, deceased, has petitioned for an extension of the above patent. Day of hearing, April 24, 1872.

MACHINE FOR PLANING BLIND SLATS .- Charles Carlisle, Woodstock, and eonard Worcester, Brattleboro', Vt., have petitioned for an extension of the above patent. Day of hearing, February 28, 1872.

VALVE FOR STEAM ENGINE. - Isaac Van Doren, Annandale, N. J., has petitioned for an extension of the above patent. Day of hearing, Feb. 21, 1872. JOURNAL BOX KEY, ETC.-Levi Dederick, Jersey City, N.J., has petitioned or an extension of the above patent. Day of hearing, February 21, 1872.

SASH FASTENER.-Frederick W. Brocksieper and Joseph B. Sargent, New Haven, Conn., have petitioned for an extension of the above patent. Day of hearing, April 24, 1872.

WINDLASS.-Joseph P. Manton, Providence, R. I., has petitioned for an extension of the above patent. Day of hearing, March 13, 1873.

RAILROAD CAR AXLE BOX.-R. N. Allen, Pittsford, Vt., has petitioned or an extension of the above patent. Day of hearing, March 6, 1872.

ROTARY CUTTER FOR TONGUEING AND GROOVING.-James A. Woodbury. Boston, Mass., has petitioned for an extension of the above patent. Day of hearing, March 13, 1872.

Value of Extended Patents.

Did patentees realize the fact that their inventions are likely to be more roductive of profit during the seven years of extension than the first full term for which their patents were granted, we think more would avail themselves of the extension privilege. Patents granted prior to 1861 may be extended for seven years, for the benefit of the inventor, or of his heirs in case of the decease of the former, by due application to the Patent Office, ninety days before the termination of the patent. The extended time inures to the benefit of the inventor, the assignees under the first term having no rights under the extension, except by special agreement. The Government fee for an extension is \$100, and it is necessary that good professional service be obtained to conduct the busine ; before the Patent Office. Full information as to extensions may be had . y addressing

MUNN & CO., 37 Park Row,

Inventions Patented in England by Americans.

From November 15.to November 27, 1871, inclusive. [Compiled from the Commissioners of Patents' Journal.]

DENTURES, ETC.-T. A. D. Forster, Philadelphia, Pa. FURNACE.-M. Wilson (of Coldspring, N.Y.), London, Eng. GOVERNOR .- D. J. Wolfe (of N.Y. city), Liverpool, England. Hoist.-C. R. & N. P. Otis, Yonkers, N.Y. IRON, ETC. -W. Sellers, Philadelphia, Pa. LAMP. -R. W. Kemp, Philadelphia, Pa. LININGS FOR CARPETS.—C. A. Pease, Astoria, N. Y. ORGAN.—C. Fogelberg, Boston, Mass. PRINTING MACHINERY.—E. Densmore, Meadville, Pa. PRINTING ON ENAMEL.—S. J. Hoggson, New Haven, Conn. Pump.—G. W. Meald, W. F. Morris, E. Sisco, Baldwinsville, N. Y. Restering Spent Indigo.—F. A. Sawyer, Mass.

SAFE.—C. C. Rowell, W. Duncan, Lebanon, N. H. SAFES.—W. Corliss, Providence, R. L. SEWING MACHINE ATTACHMENT.—D. McC. Smith, Orange, N. J SHEARS, ETC.-R. S. Gladwin, T. D. Hotchkiss, West Meriden, Conn. SHUTTLE, ETC.—T. Isherwood, Stonington, Conn.

STRENGTHENING PAPER, ETC. - W. H. Chase, New York city. Supporting Beds, etc.-J. Evans (of Denver, Col.), London, England.

Foreign Patents,

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