

RECENTLY PATENTED INVENTIONS. Of General Interest.

NON-REFILLABLE BOTTLE.—A. A. JOHNSON, New York, N. Y. The improvement pertains to non-refillable bottles, and the object is to produce a bottle of very simple construction which can be constructed without the employment of metal parts or complicated valves, but which will operate effectively to prevent the refilling of the bottle.

TILE.—J. A. MCKEE, Jeffersonville, Ind. This invention provides a form of joint or fastening means for the abutting ends of drain tile sections. Two semi-circular sections of concrete or the like are provided each with a metallic reinforce and the ends of the reinforcing members extend beyond the concrete sections and are provided with clamping bolts or other suitable fastening means for drawing the semi-circular sections.

Hardware.

ATTACHMENT FOR THE JAWS OF VISES.—D. E. SHANKLAND and O. F. BROWN, White-river, Colo. The false grip jaws will incase the fixed jaws of a metal vise, be detachable therefrom and hold the bodies of bolts, rods of metal either round or angular, and also grip and hold the toe calks of horse shoes or like objects without injury thereto, and aid to give correct shape to the gripped angular calks.

DOOR-STOP.—R. R. SNOWDEN, Houston, Texas. The door-stop will operate efficiently to hold the door against closing, and is constructed in such a way as to facilitate the adjustment of the device to the edge of the door. In case the door is moved beyond the usual position on the stop, the stop will then operate as a resilient buffer to limit the further movement of the door.

Heating and Lighting.

OIL-BURNER.—J. W. PIPPIN, Brownwood, Texas. In operation, the tanks being supplied with oil and water respectively, oil is admitted to the pan and ignited. The heat will soon generate steam which will pass into the steam dome, whence the dry steam passes to the atomizer, spraying the oil from the heater onto the spreader. The excess steam passes through the heater, heating the oil therein, in its passage, and discharges through the discharge pipe.

Household Utilities.

WATER-CLOSET CABINET FOR INFANTS.—G. JOHNSON, Kaleva, Mich. The invention relates to an infant's cabinet or closet and the object is to produce a construction which will enable the infant to support his body in an easy position while he is seated. A tray provides a rest or guard for the infant to lean forward upon, and on which toys may be placed.

FIREPLACE-GUARD.—J. A. ATRY, Pinegrove, Miss. In this case the invention is a skeleton guard applied in front of fireplaces and open grates to prevent children falling into the fire. A wooden bar serves as a protector for an adjacent bar, and does not become heated sufficiently to become ignited and therefore not heated enough to burn a child as much as the metal guard bars.

KITCHEN SINK COVER.—ADAM GIFFEN DEMAREST, 216 West 22nd Street, New York. The device is in the form of a tray which may be placed on the kitchen sink to support dishpans and the like. Two large openings are formed in the tray directly under the faucets, so that when the water is turned on, it will pass through without splashing. In the illustrated notice of this sink cover published in the SCIENTIFIC AMERICAN, March 27th, 1909, Mr. Demarest's address was wrongly given as 216 West 26th Street.

Prime Movers and Their Accessories.

ROTARY ENGINE.—J. J. TANNER, Clover, Utah. The design of the inventor is to provide a rotary engine which may be easily reversed so as to run in either direction and which engine also embodies such features of construction as to allow it to be used as a brake when employed on a locomotive and going down hill.

Railways and Their Accessories.

DOOR FOR GRAIN-CARS.—LILLIE DIMICK, South Whitley, Ind. Broadly stated, this invention consists of a series of plates which are pivoted together so as to be movable with each other, and arranged in vertical position, and connected with transverse springs in such manner that their lower edges are held in close contact with the floor of the car when depressed by the load therein.

Pertaining to Vehicles.

ELECTRICALLY-PROPELLED ROAD-VEHICLE.—H. DUCASSE, 17 Rue Jean Goujon, Paris, France. The motor in this case has a fixed and rigid support upon the rear axle of the vehicle which support may also serve as the fixed point of attachment for the brake strap. The motor is absolutely independent of the frame, and thus preventing the vibrations of the motor in working and those due to inequalities of the ground being transmitted to the vehicle.

NOTE.—Copies of any of these patents will be furnished by Munn & Co. for ten cents each. Please state the name of the patentee, title of the invention, and date of this paper.

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INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending March 30, 1909, AND EACH BEARING THAT DATE

[See note at end of list about copies of these patents.]

Table listing various inventions and their patent numbers, including items like 'Actuating mechanism, Pearson & Seward', 'Adding machine, D. B. Benton', 'Addressing machine, G. N. Hinchman', etc.

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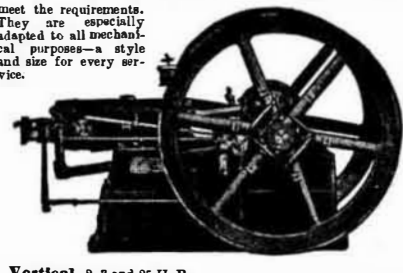
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Scientific American Supplement 997 contains an article by Spencer Newberry in which practical notes on the proper preparation of concrete are given.

Scientific American Supplements 1568 and 1569 present a helpful account of the making of concrete blocks by Spencer Newberry.

Scientific American Supplement 1534 gives a critical review of the engineering value of reinforced concrete.

Scientific American Supplements 1547 and 1548 give a resume in which the various systems of reinforced concrete construction are discussed and illustrated.

Scientific American Supplement 1564 contains an article by Lewis A. Hicks, in which the merits and defects of reinforced concrete are analyzed.

Scientific American Supplement 1551 contains the principles of reinforced concrete with some practical illustrations by Walter Loring Webb.

Scientific American Supplement 1573 contains an article by Louis H. Gibson on the principles of success in concrete block manufacture, illustrated.

Scientific American Supplement 1574 discusses steel for reinforced concrete.

Scientific American Supplements 1575, 1576, and 1577 contain a paper by Philip L. Wormley, Jr., on cement mortar and concrete, their preparation and use for farm purposes. The paper exhaustively discusses the making of mortar and concrete, depositing of concrete, facing concrete, wood forms, concrete sidewalks, details of construction of reinforced concrete posts.

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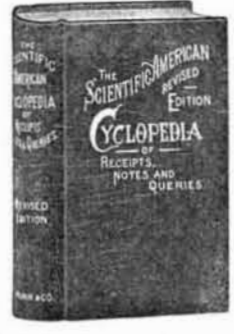
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PATENTS FOR SALE.

FOR SALE.—Patent for out trapping flies. A screen window attachment device. Exclusive territorial rights. On royalty. Only 1/2 cent on each device. Cost to manufacture, 8 cents. No royalty or payment in advance. Address A. W. Salokar, New Brighton, Minn.

Inquiry No. 8877.—For manufacturers of convex glass for pictures.

FOR SALE.—Patent No. 911,921. Circuit closer for fire alarm circuits. Can be made to operate at any desired temperature. Money maker for right party. Address Ross D. Tiffan, Bellingham, Wash.

Inquiry No. 8885.—For manufacturers of the "Mysterious Ball" like that of Mr. Lepere's—a man in a ball.

FOR SALE.—Patent No. 916,074, issued March 23, 1908. Outright or royalty. Burial vault. A money maker for right party. For full particulars address R. G. Welner, McClellandtown, Pa.

Inquiry No. 8889.—Wanted to buy a machine which breaks and divides apricot stones.

FOR SALE.—Pat. No. 911,730, Feb. 9, 1909. Automatic electric fire-alarm in house, giving number of house, also name of street, to fire station, in Morse's telegraph system. Address Verne Kall, Rockford, Ill.

Inquiry No. 8894.—For manufacturers of an automatic camera for making photographs on pin trays, etc.

FOR SALE.—Patent No. 904,375. Bullet mould. Practical and effective. Its interchangeability will make it a pleasure to cast bullets, for every pistol or rifleman. Sell reasonable. A. J. Mundt, Ontonagon, Mich.

Inquiry No. 8897.—For the manufacturers of the "Lid on" can opener.

FOR SALE.—Patent No. 915,028. Animal trap, patented March 9, 1909. Price reasonable. Outright sale. See illustrated notice in this paper. Address W. M. Kaiser, 2816 Bryant Ave., San Francisco, Cal.

Inquiry No. 8904.—Wanted to buy new or second hand machinery for making "bow type" mouse and rat trap springs and wire parts, single machine or full outfit.

FOR SALE.—Patent 770,716. Most scientific finger-cramp preventer, easy writer and finger-rest penholder. Write with it all day, and your hand never tires. Address J. Engel, 711 Eighth St., Milwaukee.

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LOCAL REPRESENTATIVE WANTED.—Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition, and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres., The National Co-operative Real Estate Company, Suite 578, Marden Building, Washington, D. C.

Inquiry No. 8908.—For a dealer in tapes and cords for Venetian blinds.

WANTED.—Mechanical draftsman for jig and fixture work. For full particulars address U. S. Co., Box 773, New York.

Inquiry No. 8909.—For a machine to paint shade or blind rollers.

LISTS OF MANUFACTURERS.

COMPLETE LISTS of manufacturers in all lines supplied at short notice at moderate rates. Small and special lists compiled to order at various prices. Estimates should be obtained in advance. Address Munn & Co., List Department, Box 773, New York.

Inquiry No. 8918.—For manufacturers of "Wyd't's Electro-Catalytic Sparking Plug."

A LIST of 1,500 mining and consulting engineers on cards. A very valuable list for circularizing, etc. Price \$15.00. Address Munn & Co., List Department, Box 773, New York.

Inquiry No. 8921.—For the manufacturers of gilt paper

MISCELLANEOUS.

WANTED.—Maker for my vehicle wrench, No. 53,514, patented January 12, 1908. Address Carroll J. Atkins, Cando, North Dakota.

Inquiry No. 8922.—Wanted the address of Worthington Boiler Co.

UNITARIAN LITERATURE, including sermons and weekly publications, sent free, on application to Miss Peck, 106 George Street, Providence, R. I.

Inquiry No. 8928.—For the manufacturers of a steam rotary excavator as described in the Scientific American of December 12, 1908, page 847.

Inquiry No. 8931.—For parties who manufacture the Western Stump Borer for boring stumps.

Inquiry No. 8936.—Wanted machinery used to spin or wrap paper pencils in the manner that paper pencils are made.

Inquiry No. 8941.—For manufacturers of machinery for making fly screens.

Inquiry No. 8943.—Wanted a portable hand machine for breaking stones for installing road surface. To be worked by two or three men.

Inquiry No. 8944.—For the address of the manufacturers of the King or lever collar button.

Inquiry No. 8948.—For manufacturers of gearing, noiseless or otherwise, suitable for speed of 3,000 to 4,000 r. p. m. or wheels 5 inches diameter.

Inquiry No. 8950.—For manufacturers of machinery for the production of Coquito, Palm, Babosa, and Mame seed or nuts.

Inquiry No. 8951.—For manufacturers of machinery for making milk bottle sanitary fiber caps.

Inquiry No. 8952.—For firms making apparatus for using oil for fuel under a steam boiler instead of coal.

Inquiry No. 8953.—For manufacturers of water turbines.

Inquiry No. 8954.—For machinery used in manufacturing collar buttons.

Inquiry No. 8955.—For a machine to extract the small kernel from the pea-nut.

Inquiry No. 8956.—For makers of wood distilling machinery, also makers of philosophical instruments and chemists' hardware.

Inquiry No. 8957.—Wanted manufacturers of angle bars either malleable steel or sheared.

Inquiry No. 8960.—For the address of the Windsor Mfg. Co., manufacturers of waterproof collars and cuffs.

Inquiry No. 8961.—For the manufacturers of imitation pearls.

Inquiry No. 8962.—For the manufacture of the different parts of vacuum systems such as electric motor and pumps.

Inquiry No. 8963.—Wanted a machine for wrapping coin.

Inquiry No. 8964.—For address of parties making imitation horse hair.

Inquiry No. 8965.—Wanted the address of the Dirt Mover Magazine.

Inquiry No. 8966.—Wanted the address of the Cohendet Motor Co.

Table listing various mechanical and industrial items for sale or inquiry, including railway gates, signaling systems, pumps, and tools, with prices and contact information.

Let Others Experiment



Lambert Runabout A-1—\$800

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THE absolute dependability of the Lambert Car —its simplicity—high efficiency under all conditions—its sturdy construction—its snappy design and fine finish—all these high grade qualities will appeal to you.

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Advertisement for 'Little Giant' Gasoline Motors, featuring an illustration of a small engine and descriptive text about its power and efficiency.

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Advertisement for a 2 H.P. Detroit Engine, priced at \$29.50, with details on its specifications and availability.

Advertisement for Paris Garters, featuring an illustration of a man wearing garters and text describing their benefits and availability.

Advertisement for the Aluminoid Falcon Pen, featuring an illustration of the pen and text highlighting its durability and quality.

Advertisement for the Royal Engine, featuring an illustration of the engine and text describing its compact design and power.

Large advertisement for Triple Action Triple Safety revolvers, featuring illustrations of the gun and detailed text about its safety features and availability.

Advertisement for 'The Best Light' lamps, featuring an illustration of a lamp and text describing its brightness and safety.

Advertisement for an electrical furnace for amateur use, featuring an illustration of the furnace and text about its utility and price.

Advertisement for Hubler-Dayton Storage Batteries, featuring an illustration of a battery and text about its reliability and performance.

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NOVELTIES & PATENTED ARTICLES

MANUFACTURED BY CONTRACT PUNCHING DIES, SPECIAL MACHINERY. E. KONIGSLOW STAMPING & TOOL WORKS, CLEVELAND, O.

Table listing various mechanical parts and their prices, including valves, typewriters, and machinery.

DESIGNS. Table listing various designs and their prices, including bank toys, brushes, and jars.

TRADE MARKS.

Table listing various trade marks and their prices, including batteries, belting, and building materials.

LABELS.

Table listing various labels and their prices, including grape jelly, ointments, and flour.

PRINTS.

Table listing various prints and their prices, including Crandall Packing Co. and Start Housekeeping Right.

A printed copy of the specification and drawing of any patent in the foregoing list, or any patent in print issued since 1863, will be furnished from this office for 10 cents, provided the name and number of the patent desired and the date be given. Address Munn & Co., 361 Broadway, New York.

Trust the Truss IVER JOHNSON Truss Bridge Bicycle. Advertisement for a bicycle with a truss bridge frame.

Rambler The Car with the Offset Crank-Shaft. Advertisement for an early 20th-century automobile.

International Auto Buggy The Most Advanced Example of Dependable Motor Buggy Design and Construction. Advertisement for a motorized buggy.