

RECENTLY PATENTED INVENTIONS.

Architectural Inventions.

ENTASISOGRAPH.—GEARY KIMBRELL, Pendleton, Ore. The invention provides a novel instrument which accurately draws the entasis of a classic column of the Ionic, Corinthian or Doric order.

HEATING AND VENTILATING APPARATUS.—JOHN M. MILLER, Baldwin, Kans. Mr. Miller has devised an improved heating and ventilating apparatus which is designed to furnish the rooms of buildings with fresh air from out of doors, heated to a suitable temperature.

BUILDING SUPPORT.—MATTHEW H. CALLAHAN, Aspen, Colo. To provide means for supporting a long section of wall, by one device, thus avoiding injury by the use of independent supports, is the purpose of the present invention.

Engineering Improvements.

SLIDE-VALVE GEAR FOR ENGINES.—SAMUEL S. YOUNGHUSBAND, Granville Terrace, Woodlands Road, Darlington, England. In this valve-gear motion is transmitted from the reversing or expansion link to the slide-valve through an intermediate lever having a pivotal connection with the die-block of the link.

SPARK-ARRESTER.—GEORGE F. MOORE, Jr., General Delivery, New York city. When steam-engines are used in harvest-fields, the danger of setting fire to the straw or grain from escaping sparks is great.

Mechanical Devices.

ICE - CREAM FREEZER.—EDWARD R. MORSE, Birmingham, Ala. The ice-cream is frozen in a series of cups horizontally mounted in an ice-receptacle. By turning a crank the receptacle is swung first in one direction and then in the other.

PIPE-WRENCH.—FRANK I. WEBBER, Oxford, Neb. The wrench comprises a handle, carrying a pivot on which a pair of interlocking jaws are held. A chain on the pivot is adapted to engage the pipe in conjunction with the jaws.

GRAPPLE.—MATTHEW H. CALLAHAN, Aspen, Colo. It is the purpose of this invention to provide an improvement in grapple or lifting-tongs, adapted for gripping and carrying various objects. The invention is embodied in two allied forms.

FIRE-LADDER AND ESCAPE.—PIETRO BASTIANELLO, Perth Amboy, N. J. The invention relates to extension ladders. The wagon or truck carries supports, pivotally connected ladders, and a turntable to which the lower ladder is secured.

Machine Tools.

CUTTER-HEAD.—SAMUEL MACD. LANGSTON, Philadelphia, Pa. The cutter-head is of the type used upon a rotary shaft for the purpose of cutting thin material (tin plate, brass, and the like) in rolls or sheets.

PUNCHING-MACHINE.—FRANK F. CUMMS, Rutland, Vt. The punching-machine has a spring-pressed bar mounted to slide and arranged to carry a punch. A revoluble tappet-sleeve having tappet-fingers of different lengths causes the downward movement of the bar.

SPOKE-THROATING MACHINE.—DEFIANCE MACHINE WORKS, Defiance, Ohio. This new machine is the invention of Mr. Charles Seymour, on whose work in improving woodworking machinery we have frequently had occasion to comment.

Printers' Machinery.

PRINTING-PRESS ATTACHMENT.—ROBERT NAUMANN, Manhattan, New York city. The invention provides improvements in ink-supplying attachments for printing-presses of the type having a rotary ink-spreading disk. The ink-font can be quickly attached to or removed from the press, so that different inks or changes from one color to another can be made without delay.

SHEETING ATTACHMENT.—MICHAEL A. DROITOUR, Pittsburg, Pa. The present invention is concerned with the delivery mechanism of printing-presses. The inventor has devised a new sheeting attachment which is arranged to take the printed sheets from the printing-press and wind them up in an apron or web without one sheet's touching or offsetting on the other.

Railway Appliances.

RAIL.—GEORGE A. CASE, Joplin, Mo. The principal feature of the rail lies in a novel structure by which one is enabled to provide in a practical manner a rail-ball which is removable from the web and base of the rail. The merit of this invention is that when worn out the rail-ball can be renewed without disturbing the other parts.

Designs.

BACK FOR BRUSHES.—LOUIS B. PRAHAR, Brooklyn, New York city. Mr. Prahar has designed a brush of novel shape and attractive ornamentation.

ALPHABETS.—MARCUS T. GOLDSMITH, Manhattan, New York city. The invention relates to a design for an alphabet to be used for decorative and advertising purposes.

SHOE-SOLE.—JOHN S. BUSKY, Brooklyn, New York city. The leading feature of the design consists in a rib extending longitudinally of the shank and in ribs extending transversely.

BRUSH OR MIRROR BACK.—WILLIAM W. BROMHAM, Manhattan, New York city. Mr. Bromham has tastefully ornamented the back of his brush or mirror with poppy flowers.

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.

NEW BOOKS, ETC.

AMERICAN BUSINESS AND ACCOUNTING ENCYCLOPEDIA. Compiled by E. H. Beach and W. W. Thorne. Detroit: The Bookkeeper Publishing Company, Ltd. 1901. Quarto. Pp. 1100. Leather binding. Price \$8.

The volume is as portly as the time-honored dictionary, and it should prove as useful to all those who are interested in accounting. The amount of information which is conveyed in this volume is vast, to say the least. The number of examples of books of all kinds is most comprehensive, and the information is all given in language which can be understood by everyone.

Business and Personal Wants.

READ THIS COLUMN CAREFULLY.—You will find inquiries for certain classes of articles numbered in consecutive order. If you manufacture these goods write us at once and we will send you the name and address of the party desiring the information. In every case it is necessary to give the number of the inquiry.

- Marine Iron Works. Chicago. Catalogue free.
Inquiry No. 2035.—For manufacturers of gasoline engine castings.
"U. S." Metal Polish. Indianapolis. Samples free.
Inquiry No. 2036.—For parties to manufacture an invention on a bicycle sprocket.
WATER WHEELS. Alcott & Co., Mt. Holly, N. J.
Inquiry No. 2037.—For parties to make steel vices.
Specialties wanted. R. H. Laird, 24 S. 7th St. Phila.
Inquiry No. 2038.—For dealers in pocket knives with microscopic views in handle.
Stencil Machines.—A. J. Bradley, 101 Beekman St. N. Y.
Inquiry No. 2039.—For makers of feather and artificial flowers.
Metal substitute. Crane Bros., Mrs., Westfield, Mass.
Inquiry No. 2040.—For machinery for pitting prunes.
Handle & Spoke Mch. Ober Mfg. Co., 10 Bell St., Chagrin Falls, O.
Inquiry No. 2041.—For parties engaged in metal casting.
Sheet metal stamping and light manufacturing. Forshell Motor Co., Anderson, Ind.
Inquiry No. 2042.—For manufacturers of acetylene gas burners and fixtures.
Sawmill machinery and outfits manufactured by the Lane Mfg. Co., Box 13, Montpelier, Vt.
Inquiry No. 2043.—For makers of generators.
Rigs that run. Hydrocarbon system. Write St. Louis Motor Carriage Co., St. Louis, Mo.
Inquiry No. 2044.—For parties making motor tricycles.
Sheet, bar, rod or wire, cut, formed, any shape. Metal Stamping Company, Niagara Falls, N. Y.
Inquiry No. 2045.—For makers of glass novelties.
For sheet metal stampings and novelties try Standard Stamping Co., Seventh and Hudson, Buffalo, N. Y.
Inquiry No. 2046.—For the makers of "The State Registered" gas stoves.
Ten days' trial given on Daus' Tip Top Duplicator. Felix Daus Duplicator Co., 5 Hanover St., N. Y. city.
Inquiry No. 2047.—For manufacturers of ligonier silicate bricks.
Are you looking for anything in bent woodwork? Write Tucker Bicycle Woodwork Co., Urbana, Ohio.
Inquiry No. 2048.—For manufacturers of crude oil burners.
Machinery designed and constructed. Gear cutting. The Garvin Machine Co., 149 Varick, cor. Spring Sts., N. Y.
Inquiry No. 2049.—For oil burners adaptable for cooking and heating stoves and furnaces.
We build special automatic machines and devices' Preparing inventions for the market. Amstutz-Osborn Co., Cleveland, O.
Inquiry No. 2050.—For manufacturers of voting machines.
The best book for electricians and beginners in electricity is "Experimental Science," by Geo. M. Hopkins. By mail, \$4. Munn & Co., publishers, 361 Broadway, N. Y.
Inquiry No. 2051.—For manufacturers of heavy hydraulic machinery.
Manufacturers of patent articles, dies, stamping tools, light machinery. Quadriga Manufacturing Company, 13 South Canal Street, Chicago.
Inquiry No. 2052.—For makers of coin vending machines of all kinds.
The celebrated "Hornsby-Akroyd" Patent Safety Oil Engine is built by the De La Verne Refrigerating Machine Company. Foot of East 138th Street, New York.
Inquiry No. 2053.—For an apparatus for making copies like original handwriting in black.
Send for new and complete catalogue of Scientific and other Books for sale by Munn & Co., 361 Broadway, New York. Free on application.
Inquiry No. 2054.—For a patented machine for making a staple article.
Inquiry No. 2055.—For manufacturers of low-priced domestic hand sewing machines.
Inquiry No. 2056.—For a cheap outfit of ordinary block photo-process printing.
Inquiry No. 2057.—For manufacturers of goods suitable for tropics.
Inquiry No. 2058.—For makers of turbine water wheels.
Inquiry No. 2059.—For makers of equipments for a crematory.
Inquiry No. 2060.—For makers of frictionless metal.
Inquiry No. 2061.—For makers of furnaces for garbage or crematories.
Inquiry No. 2062.—For manufacturers of machinery for making buttons from mussel shells.
Inquiry No. 2063.—For manufacturers of ice machinery. (Kansas City or Chicago firms preferred.)
Inquiry No. 2064.—For manufacturers of compressed air carpet-cleaning machinery.
Inquiry No. 2065.—For a separator for preventing the passing of dirt through a 6-inch steam pipe.
Inquiry No. 2066.—For an ice manufacturing plant with a capacity of 25 tons per day.
Inquiry No. 2067.—For manufacturers of a hydraulic wheel for rivers with a slow current to produce sufficient force to operate a pump giving 3 to 6 gallons of water per minute.
Inquiry No. 2068.—For manufacturers of canning machinery.
Inquiry No. 2069.—For dealers in spring steel 3x7 and 1-1/2 thick.
Inquiry No. 2070.—For manufacturers of steel balls.
Inquiry No. 2071.—For wholesale dealers in large quantities of 3/8 or 1/2 inch lead tubing.
Inquiry No. 2072.—For parties to make porcelain for sparking plugs for gas engine ignition.
Inquiry No. 2073.—For a spring power for running peanut roaster; motor to be about 1/2 to 3/4 horse power.
Inquiry No. 2074.—Wanted to purchase patents on articles suitable for general consumption, such as novelties, etc.
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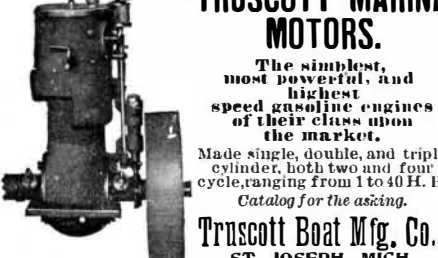


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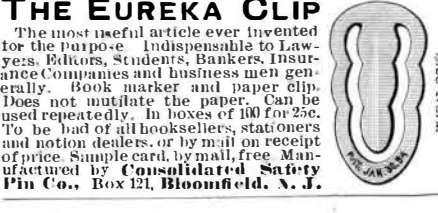


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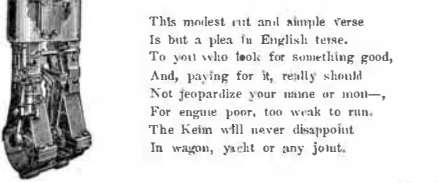
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