

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.

MUNN & CO.

Marine Iron Works. Chicago. Catalogue free.
Inquiry No. 4279.—For makers of machinery for collapsible tubes.
AUTOS.—Duryea Power Co., Reading, Pa.
Inquiry No. 4280.—For makers of rural free delivery boxes.
Morgan Emery wheels. Box 517, Stroudsburg, Pa.
Inquiry No. 4281.—For manufacturers of flat-kote roofing.
"U. S." Metal Polish. Indianapolis. Samples free.
Inquiry No. 4282.—For the manufacturers of the Pictet ice machine.
Blowers and exhausters. Exeter Machine Works, Exeter, N. H.
Inquiry No. 4283.—For an upright 4 to 6 h. p. steam engine and a dynamo to run 20 to 30 lights.
Handle & Spoke Mch'y. Ober Mfg. Co., 10 Bell St., Chagrin Falls, O.
Inquiry No. 4284.—For manufacturers of counting machines.
Mechanics' Tools and materials. Net price catalogue. Geo. S. Comstock, Mechanicsburg, Pa.
Inquiry No. 4285.—For dealers in turbine grist mills, saw mills, water rams, etc.
Sawmill machinery and outfits manufactured by the Lane Mfg. Co., Box 13, Montpelier, Vt.
Inquiry No. 4286.—For makers of naphtha engines and launchers.
Want metal novelties of any kind, any quantity? Write Metal Stamping Co., Niagara Falls, N. Y.
Inquiry No. 4287.—For manufacturers of cotton yarn mops.
Let me sell your patent. I have buyers waiting. Charles A. Scott, Granite Building, Rochester, N. Y.
Inquiry No. 4288.—For manufacturers of aluminum hones for sharpening knives.
Gear Cutting of every description accurately done. The Garvin Machine Co., 149 Varick, cor. Spring Sts., N. Y.
Inquiry No. 4289.—For makers of Ferris wheels for use at fairs and summer resorts.
Crude oil burners for heating and cooking. Simple, efficient and cheap. Fully guaranteed. C. F. Jenkins Co., 1103 Harvard Street, Washington, D. C.
Inquiry No. 4290.—For makers of fans driven by spring motors.
The Honoo razor strop made of paper. The perfect strop for a perfect shave. By mail 75 cents. Send for description. Hope Novelty Co., Bristol, R. I.
Inquiry No. 4291.—For catalogues, prices and descriptions of automobiles suitable for a livery.
The largest manufacturer in the world of merry-go-rounds, shooting galleries and band organs. For prices and terms write to C. W. Parker, Abilene, Kan.
Inquiry No. 4292.—For makers of light, portable band sawmills.
We manufacture anything in metal. Patented articles, metal stamping, dies, screw mach. work, etc. Metal Novelty Works, 43 Canal Street, Chicago.
Inquiry No. 4293.—For makers of plows with an elevator attachment for placing dirt into wagons.
Users of steam automobiles, send your name and address, and learn a simple way to end your boiler troubles. Address 119 West 1st Street, Oswego, N. Y.
Inquiry No. 4294.—For domestic and foreign manufacturers of inflatable rubber toys, such as balloons, etc.
The celebrated "Hornsbey-Akroyd" Patent Safety Oil Engine is built by the De La Vergne Refrigerating Machine Company. Foot of East 138th Street, New York.
Inquiry No. 4295.—For a machine for cutting wire into lengths and winding it around a small package.
Contract manufacturers of hardware specialties, machinery, stampings, dies, tools, etc. Excellent marketing connections. Edmonds-Metzel Mfg. Co., Chicago.
Inquiry No. 4296.—For a steam jacketed vulcanizer for making artificial rubber limbs, etc.
High class machinery built to order at reasonable rates. Address P. O. Box 607, Baltimore, Md.
Inquiry No. 4297.—For makers of wire cushions for invalid chairs.
WANTED.—Some novelty to manufacture. Ample capital. Must be article that will meet ready sale throughout the United States. Address Box 52, Titusville, Pa.
Inquiry No. 4298.—For dealers in second-hand pool and billiard tables.
Manufacturers of patent articles, dies, metal stamping, screw machine work, hardware specialties, machinery and tools. Quadriga Manufacturing Company, 18 South Canal Street, Chicago.
Inquiry No. 4299.—For a mechanical lawn grass (not leaf) rake.
WANTED.—To lease two 40 to 50 ton six wheel, or eight wheel or ten wheel, or Mogul locomotives. Send general dimensions and report on conditions with proposition. Georgia Iron and Coal Company, Chattanooga, Tenn.
Inquiry No. 4300.—For makers of apron springs for use of sporting men, etc.
WANTED.—Structural steel engineer who has had at least five years' experience as contracting engineer for steel company, making a specialty of structural steel for fireproof buildings. Must be experienced in designing steel, soliciting orders and closing contracts. Must be a broad gauge man, capable of directing others and managing an office. Good salary and promotion to right man. Address Engineer, Box 773, New York.
Inquiry No. 4301.—For makers of shot guns, hammer and hammerless guns, etc.
Superintendent wanted for electrical and brass novelties. Applicants must possess executive ability and a thorough knowledge of tool making and brass manufacturing in all its branches. Only men with long experience need apply. Applications to be given in writing stating age, experience, recommendations and salary expected. American Electrical Novelty and Manufacturing Company, 308 Hudson Street, New York.
Inquiry No. 4302.—For makers of hose, hose reels, cut-off nozzles, spanners, hydrant wrenches, axes, etc.
Send for new and complete catalogue of Scientific and other Books for sale by Munn & Co., 361 Broadway, New York. Free on application.

RECENTLY PATENTED INVENTIONS.

Miscellaneous.

RAW-WOOL-WASHING APPARATUS.—A. HASS, and E. BARUCH, San Francisco, Cal. The aim of this invention is to provide an apparatus for use in local wool-growing centers, to allow of washing or cleansing raw sheep's wool and other textile fibers without the use of plants or machinery, and to remove natural greases, fats, dirt and other extraneous matter from fibers and to convert the by-products into merchantable materials.

CAMERA.—G. H. LEE, Omaha, Neb. Mr. Lee's invention is an improvement in film cameras, and the object is the severance of the film at any desired point, when only a part of it has been exposed, and the development of the exposed part of the film and the preservation of the balance in proper position, with connections for subsequent use, the whole operation being conducted in daylight, without the use of a dark room.

The same inventor has secured another patent on a camera, wherein to provide means for preventing the accidental or inadvertent exposure of a sensitive film while the bellows is folded, but the camera-door open. It sometimes happens that careless pressure upon the shutter-working bulb will ruin an exposed film or prematurely expose a sensitive film. In the present invention an automatic shutter connected to and worked by the movement of the bellows in folding and unfolding, prevents this.

CALENDAR.—G. H. T. SCRIBNER, Emporia, Kan. Broadly stated, this invention consists in so combining calendar sheets and an advertising-card that they are permanently connected, yet advertising matter on the card is constantly displayed through an opening at the top of the calendar proper. The sheets may be turned and folded over the back of the cards at the ends of the respective months, and preserved for future reference.

LOOM HEDDLE-FRAME.—R. G. WIRTALLA, New York, N. Y. Means are provided in this case by which the adjustment, removal, and insertion of the heddles can be easily, quickly, and readily performed without hurting the operator's hands, because it is not necessary to forcibly lift the heddle-bars and strain the heddles strung thereon. This is attained by the employment of a stay-hook which is removably attached to the heddle-frame and easily slipped from engagement with the heddle-bars.

PUZZLE.—C. L. SMITH, Leipsic, Ohio. The board in this puzzle is provided with a vertical rim, and a center space with vertical walls serves as a retention pen for a series of smaller balls. Channels extend through the walls, and means are given to get the small balls into a larger one and then rolling the latter over a band into the pen and there effecting discharge of the smaller balls therefrom. To begin, all the balls may be first placed in the channels in which they are free to roll, and the smaller ones are then picked up by the larger one and carried into the inclosure.

LACE-FASTENER.—F. W. LEOPOLD, New York, N. Y. The inventor's object in view is the provision of an inexpensive contrivance for easily and quickly fastening a lace or cord by pulling or thrusting the lace or cord into the fastener, the introduction or removal of the lace being facilitated by the form given to the hook or stud embodying this invention.

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.

INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending June 9, 1903,

AND EACH BEARING THAT DATE.

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

Table listing inventions with names and patent numbers, including items like 'Abrading material and mounting therefor', 'Adding machine', 'Adjustable chair or table', etc.

Main table listing inventions with names and patent numbers, including items like 'Boiler flue', 'Boiler furnace', 'Bolster', 'Bolts, screws, or similar articles', etc.

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