

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.

"U. S." Metal Polish. Indianapolis. Samples free.

Inquiry No. 8258.—For manufacturers of prong brakes.

Sawmill machinery and outfits manufactured by the Lane Mfg. Co., Box 13, Montpelier, Vt.

Inquiry No. 8259.—Wanted, addresses of companies having experience in crude oil burners for annealing ovens.

I sell patents. To buy, or having one to sell, write Chas. A. Scott, 719 Mutual Life Building, Buffalo, N. Y.

Inquiry No. 8260.—For manufacturers of McCall sleeping tent.

The celebrated "Hornsby-Akroyd" safety oil engine. Koerting gas engine and producer. Ice machines. Built by De La Vergne Mch. Co., Ft. E. 133th St., N. Y. C.

Inquiry No. 8261.—For manufacturers of "cotton-flock" for the wall-paper printing trade.

Manufacturers of patent articles, dies, metal stamping, screw machine work, hardware specialties, machinery tools, and wood fiber products. Quadriga Manufacturing Company, 18 South Canal St., Chicago.

Inquiry No. 8262.—For makers of styptic pencils in quantities.

Automobile experts are in constant demand at high salaries. Our seven weeks' course is the most thorough and practical, fitting men to drive, handle and repair. Day and evening classes. Special course for owners. New York School of Automobile Engineers, 146 West 56th Street, New York.

Inquiry No. 8263.—Wanted, the address of the Crown Cap Co., manufacturers of the metal cap for bottles; also for makers of similar bottle caps.

Inquiry No. 8264.—Wanted, the name and address of a second-hand dealer in screw and drop presses.

Inquiry No. 8265.—For makers of mail order goods.

Inquiry No. 8266.—For makers of or dealers in magnets or loadstones of considerable power.

Inquiry No. 8267.—For manufacturers or jobbers of a hand or tubular lantern using calcium carbide to produce the gas for fuel in same.

Inquiry No. 8268.—Wanted, address of Pollett Steel Numbering Machine Co.

Inquiry No. 8269.—For manufacturers of galathea, a substance entering into the composition of combs, buttons, etc.

Inquiry No. 8270.—For manufacturers of machines for knitting tapes, etc.; also manufacturers of brass tips for shoe latches.

Inquiry No. 8271.—For manufacturers of gum-vening machines.

Inquiry No. 8272.—For manufacturers of machinery for making refuse hardwoods, sawdust, etc., into alcohol and other by-products.

Inquiry No. 8273.—Wanted, address of party handling warrentite, which is a clay produced in Ohio.

Inquiry No. 8274.—For manufacturers of machines for assembling wooden cases of different sizes.

Inquiry No. 8275.—For manufacturers of square root angles.

Inquiry No. 8276.—For manufacturers of machinery for the turning of spools, such as ordinary sewing thread is wound on.

Inquiry No. 8277.—For manufacturers of machinery for making dry pressed brick and tiling out of mineral, so that they do not require burning afterward.

Inquiry No. 8278.—Wanted, address of Goodnow & Wightman, dealers in models and tools, formerly of model engines and boilers in Boston.

Inquiry No. 8279.—For manufacturers of portable machines for making concrete pipes, hand machine preferred, and pipes should be 6 inches to 15 inches in diameter, more or less.

Inquiry No. 8280.—For manufacturers of sand line brick machinery.

Inquiry No. 8281.—For manufacturers of glass tubes about 12 inches long, 1/2 inch outside diameter and 5-16 inch inside diameter.

Inquiry No. 8282.—Wanted, names and address of parties making bronze tablets.

Inquiry No. 8283.—For manufacturers of roll paper holder and cutter.

Inquiry No. 8284.—For manufacturers of fish nets.

Inquiry No. 8285.—For manufacturers of boring machines.

RECENTLY PATENTED INVENTIONS.

Of General Interest.

ORE-SEPARATOR.—S. J. ROGERS, Bingham Canyon, Utah. An inclined frame is employed, associated with which is an endless traveling belt, onto which the ore pulp or slimes is fed or supplied, means being employed for delivering the material to the belt and other means for so washing the pulp or slimes upon the belt as to more readily effect separation of minerals therefrom by causing the tailings to flow or pass from the belt in a direction opposite to that in which the minerals are conducted.

LEVEL.—J. L. RUSSELL, Andersonia, Cal. In the use of this device one of the end sections is placed at the point to which the level is to be referred. The opposite terminal is then carried to the place at which the level is to be fixed, the length and flexibility of the tube permitting this, and raised or lowered until the liquid at both ends stands at corresponding marks upon the scales. This fixes the desired level. The scale in connection with the tube may be employed in the ordinary way for measuring distances or heights.

EXCAVATING APPARATUS.—R. B. PAGE, Los Angeles, Cal. A reversible scraper is employed having two cutting edges and adapted to be handled in an operative condition on each trip back and forth across the ditch, canal, or other ground to be removed. Means are associated with the scraper for holding it in operative condition during the excavating and loading operation and when fully loaded, said means being also effective in dumping the scraper when it reaches the point of discharge.

SQUARE.—A. W. HIGHT, Ballard, Wash. The invention relates to a carpenter's or other mechanic's square; and it resides particularly in a beveling device applied to the stock of the square. Used as a square, the beveling arm is pushed between the plates of the stock, and interferes in no way. To use the arm, the elbow-lever is operated to relax pressure of the offset part on the arm, and then this arm should be drawn out to adjustment desired, either of two scales being referred to to determine adjustment. After adjustment the beveling device should be locked by the elbow-lever.

Household Utilities.

CURTAIN-FIXTURE.—T. LAUTHER, Tarentum, Pa. In this instance the invention relates to improvements in fixtures for supporting window shades and curtains, the object being the provision of a fixture of very simple construction that may be readily attached to a window-casing and adjustable to different widths of casings.

Machines and Mechanical Devices.

ATTACHMENT FOR GRINDING MACHINES.—G. E. BUCK, Newburg, Iowa. The principal objects of this invention are to provide means for mounting disks or cutters in proper relation with respect to an emery-wheel or other grinding device in such a manner that work will be perfectly done without attention except for removing the disk when sharpened; also to provide means for varying the degree of pressure between the cutter and the grinding-tool, and to provide for accurately holding the cutter in position and adjusting its support to and from the grinding device.

RIMMING-MACHINE.—G. A. ENSIGN, Defiance, Ohio. The object of the present invention is to provide certain new and useful improvements in rimming-machines whereby the tenons of the spokes are brought into proper alignment with the apertures in the rim-sections immediately previous to the reciprocating starting-plunger driving the rim-section onto the first portion of the tenon. It relates to woodworking-machinery, and more particularly to rimming-machines—such for instance as shown and described in the Letters Patent of the United States, No. 733,826, granted to Mr. Ensign.

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

July 24, 1906.

AND EACH BEARING THAT DATE

(See note at end of list about copies of these patents.)

Abacus, A. Monachimoff.....	826,732
Acid and calcium carbide, making hydrochloric, W. H. Seamon.....	826,014
Advertising device, H. N. Miller.....	826,681
Agglomerates and agglutinants, making, R. A. Le Maitre.....	826,649
Air and vacuum motor, G. W. Johnston.....	827,021
Air brake apparatus, G. W. Johnston.....	827,063
Air separator, G. S. Emerich.....	826,772
Alarm for use in connection with bags and the like, H. Abrahams.....	826,644
Amusement device, H. H. Pattee.....	826,738
Anchor for air ships, D. Thomas.....	826,908

Wood-working Machinery

For ripping, cross-cutting, mitering, grooving, boring, scroll-sawing edge molding, mortising, for working wood in any manner. Send for catalogue A.

The Seneca Falls Mfg Co., 695 Water St., Seneca Falls, N. Y.

Engine and Foot Lathes

MACHINE SHOP OUTFITS, TOOLS AND SUPPLIES. BEST MATERIALS. BEST WORKMANSHIP. CATALOGUE FREE.

SEBASTIAN LATHE CO., 120 Culvert St., Cincinnati, O.

Foot and Power

Price \$1.00

VEEDER COUNTERS

to register reciprocating movements or revolutions. Cut full size.

Booklet Free

VEEDER MFG. CO., 18 Sargent St., Hartford, Conn.

Cyclometers, Odometers, Tachometers, Counters and Fine Castings.

CLIPPER MFG. CO., 401 West 124th St., New York, U.S.A.

For free samples and information write to us.

THE CLIPPER CLIP

Its triangular shape prevents entangling and gives three times the capacity of any other clip for attaching papers together.

Best & Cheapest. All Stationers.

CLIPPER MFG. CO., 401 West 124th St., New York, U.S.A.

For free samples and information write to us.

PAPER GAUGE MICROMETER

Measures thickness of paper, cardboard, sheet rubber, etc. by transmittal. Capacity 11-2212.

Pat. No. 178 of Fine Tools Co.

The L. S. Starratt Co., Abbot, Mass.

\$6.75

Very Low Rates to Minneapolis and Return via Nickel Plate Road.

August 10, 11 and 12 account G. A. R. National Encampment, Chicago, Ill. Final return limit may be extended to September 30. For full information call on A. W. Eccleston, D. P. A., 385 Broadway, New York City, or write R. E. Payne, General Agent, 291 Main Street, Buffalo, N. Y.

A. M. Tabor.

Manufactory Established 1761.

Lead-Colored & Slate Pencils, Rubber Bands, Erasers, Ink, Penholders, Rulers, Water Colors, Improved Calculating Rules.

Send for descriptive Circular S.

44-60 East 23d Street, New York, N. Y.

Grand Prize, Highest Award, St. Louis, 1904.

"Econo" Emery Wheel Dresser

Size 12 in.

Made of an abrasive material by hand.

Econo "Combination" Dresser

Will true or shape any wheel except the very hard and carbide.

The "Combination" is the roughing tool placed in the handle.

end of "Econo" Send for circular. Dresser sent on 15 days' trial.

INTERNATIONAL SPECIALTY CO., 360 Holden Ave., Detroit, Mich.

Electrical Engineering

and Experimental Work of Every Description

We have every facility for producing first-class work promptly. Our factory is equipped with modern machinery throughout.

C. F. SPLITDORF

Engineering Dept. 17-27 Vandewater St., N. Y. City

WORK SHOPS

of Wood and Metal Workers, without steam power, equipped with

BARNES' FOOT POWER MACHINERY

allow lower bids on jobs, and give greater profit on the work. Machines sent on trial if desired. Catalog Free.

W. F. & JOHN BARNES CO.

Established 1872.

1999 RUBY ST. ROCKFORD, ILL.

B. F. BARNES

ELEVEN-INCH SCREW CUTTING LATHE

For foot or power as wanted. Has power cross feed and compound rest. A strictly high grade, modern tool. Ask us for printed matter. Descriptive circulars upon request.

B. F. BARNES CO., Rockford, Ill.

European Branch, 149 Queen Victoria St., London, E. C.

Regal

Marine Engines

Four Cycle Automobile Type with Jump Spark Ignition. Single Cylinder, 1 1/2, 3 and 5 h. p. Double Cylinders, 3 and 15 h. p. Four Cylinders, 30 h. p. Also a superior line of Stationary Engines. It pays Engine buyers to read our new catalogue No. 12.

Regal Gasoline Engine Co., COLDWATER, MICH.

For Either

Hand or Power

This machine is the regular hand machine supplied with a power base, pinion, countershaft, etc., and can be worked as an ordinary power machine or taken from its base for use as a hand machine. Length of pipe handled easily in small room. Illustrated catalogue—price list free on application.

MACHINE No. 78. Range 2 1/2-4 in. R. H.

THE CURTIS & CURTIS CO., 6 Garden St., Bridgeport, Conn.

Anchor plate, C. Thompson..... 826,909 |

Animal trap, A. A. Kellogg..... 826,942 |

Anthracene dye, green, R. E. Schmitt..... 826,750 |

Armor plate, E. Gathmann..... 826,562 |

Automatic door-closing device, F. Hudson..... 826,574 |

Automatic sprinkler for fire extinguishers, W. D. Murray..... 826,866 |

Automobile, L. R. Compton..... 827,058 |

Axle lubricator, R. A. Mack..... 826,588 |

Bag holder and weighing apparatus, Edwards & Howell..... 826,771 |

Bale tie machines, loop forming mechanism for, A. M. Griffin..... 827,065 |

Bale tie machine, twisting mechanism for, A. M. Griffin..... 827,064 |

Ball and socket joint, W. von Pittler..... 826,606 |

Bandage, suspensory, H. J. Wortz..... 826,815 |

Barrel, R. W. Hardie..... 826,847 |

Barrels and the like, elevator for, W. B. Pavey..... 826,877 |

Bearing for hydraulic giants, ball, M. L. Gordon..... 826,931 |

Bed bottom, elastic, H. Richardson..... 827,034 |

Bed bottom fabric, H. Richardson..... 827,036 |

Bed, slavenport, I. Conway..... 826,984 |

Bed, folding, O. H. Miller..... 826,950 |

Bedstead attachment, A. M. MacLachlan..... 826,899 |

Belt, driving, H. E. Smallbone..... 826,819 |

Blast furnace attachment, C. Abercrombie..... 826,715 |

Blast furnace twyer, T. Evans..... 826,869 |

Blast regulator for fanning mills and threshers fans, G. M. Ortmann..... 826,751 |

Block press, P. L. Simpson..... 826,567 |

Boiling, laundry, C. R. Groff..... 826,567 |

Boiler, See steam boiler.

Boiler, A. M. Cushing..... 826,546 |

Boiler feeder, T. S. Horry..... 826,786 |

Boiler water gage and column, steam, J. Engler..... 827,002 |

Book and portfolio clasp, H. B. Nissly..... 826,957 |

Book, blank, P. J. Golden..... 826,564 |

Book support, H. L. Cowing..... 826,767 |

Boot cleaner, J. C. Scoggins..... 826,800 |

Boring mechanism, E. Waldron..... 826,755 |

Bottle, J. T. Brillhart..... 826,919 |

Bottle closure, C. E. McManus..... 826,796 |

Bottle, non-refillable, F. H. Hubbard..... 826,724 |

Bottle, non-refillable, W. A. Statmann..... 826,906 |

Bottle, non-refillable, F. L. Anderson..... 827,051 |

Bottle stoppers, permutation lock for, J. C. Bowers..... 826,933 |

Brake-setting device, E. Goadley..... 826,780 |

Branding machine, Kieffer & Rebsamen..... 826,943 |

Brick for building sidings, S. Worster..... 826,932 |

Brooder, E. Grummer..... 826,932 |

Bucket, clam shell, S. Swendenborg, release..... 12,514 |

Building block and wall, J. A. Ferguson..... 826,777 |

Building block molding machine, L. P. Norman..... 826,599 |

Building block molding and pressing machine, J. J. Jager..... 826,576 |

Building sheathing means, J. Spelman..... 826,904 |

Butter cutter, F. J. Felling..... 826,716 |

Butter separator, A. Fay..... 826,839 |

Cabinet, writer's, C. Teeter..... 826,624 |

Calipers, micrometer, F. B. Prewett..... 826,883 |

Can top scoring apparatus, F. C. B. Page..... 826,601 |

Car and engine replacer, A. M. Peabody..... 826,961 |

Car construction, metallic, E. I. Dodds..... 826,652 |

Car coupling, F. A. Moore..... 826,951 |

Car door, grain, C. H. Luthman..... 827,020 |

Car door lock, H. B. Ross..... 827,037 |

Car dump, S. Otis..... 826,873 |

Car frame, metal, C. T. Clarke..... 826,832 |

Car step, D. A. Faut..... 826,982 |

Car underframing, Williamson & Pries..... 826,928 |

Carburetor, J. E. M. Brist..... 826,521 |

Carburetor, J. P. Kemp..... 826,787 |

Carburetor, O. H. Hinds..... 826,930 |

Carton and gauze cap, combination, C. R. Lindsay, Jr..... 826,949 |