### **Rusiness and Personal Wants.**

READ THIS COLUMN CAREFULLI.—104 winding 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. READ THIS COLUMN CAREFULLY .- You will

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

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.

The celebrated "Hornsby-Akroyd" safety oil engine, Koerting gas engine and producer. Ice machines. Built by De La Vergne Mch. Co., Ft. E. 138th St., N. Y. C.

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.

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 ad-ress of a second-hand dealer in screw and drop pres-

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 Follett Steel Numbering Machine Co.

Inquiry No. 8269.—For manufacturers of gala-ith, 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 shee latchets.

Inquiry No. 8271.—For manufacturers of gum-vending 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 warrenite, which is a clay produced in Onio.

Inquiry No. 8274.—For manufacturers of ma chines for assembling wooden cases of different sizes. Inquiry No. 8275.—For manufacturers of square root angles.

Inquiry No. 8276.—For manufacturers of ma-hinery for the turning of spools, such as ordinary sew-ing 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 63 Sudbury St., Boston, Mass; also manufacturers of model engines and boilers in Boston.

Inquiry No. \$279.—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 lime brick machinery.

Inquiry No. 8281.—For manufacturers of glass tubes about 12 inches long,  $\frac{1}{2}$  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. S2S5.—For manufacturers of boring machines.

### RECENTLY PATENTED INVENTIONS. Of General Interest.

ORE-SEPARATOR.—S. J. ROGERS, Bingham Canyon, Utah. An inclined frame is employed, [See note at end of list about copies of these patents.] 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. Wood-working 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 ting, 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 Inquiry No. 8258.—For manufacturers of prong for measuring distances or heights. br.kes.

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 Inquiry No. 8260.—For manufacturers of McCall and loading operation and when fully loaded, Counters sleeping tent. said means being also effective in dumping the scraper when it reaches the point of discharge.

SQUARE .- A. W. HIGHT, Ballard, Wash. Inquiry No. 8261.—For manufacturers of "cotton-flock" for the wall-paper printing trade.

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 bevelingarm 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 Inquiry No. 8262.--For makers of styptic pencils of the offset part on the arm, and then this in quantities. arm should be drawn out to adjustment desired, either of two scales being referred to to determine adjustment. After adjustment the beveiing device should be locked by the elbow-

#### 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 - MA-CHINES .- G. E. BUCK, Newburg, Iowa. The principal objects of this inventor 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 at-tention 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 alinement 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 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

Abacus, A. Monachimoff	826,732
Acid and calcium carbid, making hydro-	
chloric, W. H. Seamon	826,614
Advertising device. H. N. Miller	826.681
Agglomerates and agglutinants, making,	
R. A. Le Maitre	896.948
Air and vacuum motor, G. W. Johnston	827 H21
Air brake apparatus, Geltz & Hosack	897 (6)
Air brake apparatus, Gertz & Hosack	CH2 551
Air separator, G. S. Emerich	820,113
Alarm for use in connection with bags and	
the like, H. Abrahams	\$26,644
Amusement device, H. H. Pattee	826,738
Anchor for air ships, D. Thomas	996 6/11

# Concrete Houses<sup>.</sup>

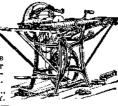
CHEAP AND ARTISTIC

SEE the August number of American Homes and Gardens for photographs and plans of actually-built modern-priced concrete country houses and illustrations showing how concrete may be applied to interior construction, such as stairways, mantelpieces, ceilings, floors, etc. Price 25 cents.

MUNN & COMPANY, 361 Broadway, New York City

# Machinery

For ripping, cross-cut-ting, mitering, grooving, boring, scroll-sawing edge moulding, mortising; for working wood in any man-ner. Send for catalogue A. The Seneca Falls M'f'g Co., 695 Water St., Seneca Falls, N. Y.



### **Engine and Foot Lathes**

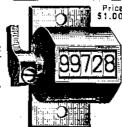
MACHINE SHOP OUTFITS, TOOLS AND SUPPLIES. BEST MATERIALS. BEST WORKMANSHIP. CATALOGUE FREE SEBASTIAN LATHE CO., 120 Culvert St., Cincinnati, O.

Foot and Power and Turret Lathes, Plansers, Shapers, and Orll Presses. SHEPARD LATHE CO., 133 W. 2d St. Cincinnati, O.

# Veeder

to register reciprocating movements or revolutions. Cut full size.

Booklet Free VEEDER MFG. CO. 18 Sargeant St. Hartford, Conn. Cyclometers, Odometers Tachometers, Counters and Fine Castings.



THE CLIPPER CLIP



**9**00000000000000000000000000000 PAPER S GAUGE MICROMETER & asures thickness of paper, & doward, sheet rubber, etc. by disantifihs. Capacity 11-22 in. St. No. 178 of Fine Touls free. \$6.75 

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

via Nickel Plate Koad.

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

Manufactory Established 1761.
Lead-Colored & State Pencils. Rubber Bands, Erasers, Inks. 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.

### "Economo" Emery Wheel Dresser Size 12 in.



Send for circular. Dresser INTERNATIONAL SPECIALTY CO., 360 Holden Ave., Detroit, Mich.

### Electrical Engineering

and Experimental Work of Every Description

have every facility for producing first-class work mptly. Our factory is equipped with modern ma-

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

### **WORK SHOPS** of Wood and Metal Workers, with-out steam power, equipped with BARNES' FOOT POWER 5

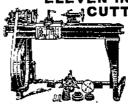
MACHINERY ....

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.







Marine Engines

Regal Gasoline Engine Co.



August 11, 1906. Corn Justing machines, ear retarder for, \$26,800 Couch combined invalid and surgical, V. \$26,977 Couch combined invalid and surgical, V. \$26,978 Couch combined invalidation in a surgical, V. \$26,979 Couch contains and surgical, V. \$26,979 Couch contains, V. C. Stewart \$26,979 Couch contains and surgical, V. \$26,979 Couch contains and surgical, V. \$26,979 Couch contains, V. C. Stewart \$26,979 Couch and surgical, V. C. Couch and surgical, V. Couch 826,880

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 saily in small room. Illustrated catalogue—price list free on application.