

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.

Marme Iron Works. Chicago. Catalogue free.

Inquiry No. 7044.—For makers of engines for changing farm wagons and top buggies into traction vehicles.

For mining engines. J. S. Mundy, Newark, N. J.

Inquiry No. 7045.—For firms in the United States manufacturing apparatus for the dry distillation of wood, for producing alcohol, charcoal and other products.

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

Inquiry No. 7046.—Wanted, manufacturers of gold brilliant sign letters stamped from copper plate, concave, finished inside with gold leaf, used on inside of glass or show windows.

2d-hand machinery. Walsh's Sons & Co., Newark, N. J.

Inquiry No. 7047.—Wanted, a meter for measuring gasoline gas.

Perforated Metals, Harrington & King Perforating Co., Chicago.

Inquiry No. 7048.—For manufacturers of a weight motor or blower to be used in connection with gasoline lighting system.

Handle & Spoke Mch. Ober Mfg. Co., 10 Bell St., Chagrin Falls, O.

Inquiry No. 7049.—For makers of small, wooden boxes.

Adding, multiplying and dividing machine, all in one. Felt & Tarrant Mfg. Co., Chicago.

Inquiry No. 7050.—For information in regard to the manufacture of paper bottles.

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

Inquiry No. 7051.—For makers of small, wooden articles turn d out of wood.

Boyd's City Dispatch, city, furnish lists of manufacturers, jobbers, etc. Send for catalogue.

Inquiry No. 7052.—For dealers in magnetic sand ore containing gold.

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

Inquiry No. 7053.—For importers or manufacturers of the "La Luciole" French electric sign, illuminated.

The celebrated "Hornsby-Akroyd" Patent Safety Oil Engine is built by the De La Vergne Machine Company, Foot of East 138th Street, New York.

Inquiry No. 7054.—For makers of small commutators.

Gut strings for Lawn Tennis, Musical Instruments, and other purposes made by P. F. Turner, 46th Street and Packers Avenue, Chicago, Ill.

Inquiry No. 7055.—For dealers in pure oils and ingredients for use in making flavoring extracts.

WANTED.—Agency for South Africa of any new article or patent. Write with particulars. F. Smith, Cuthberts Bldgs., Woodstock, Cape Town, S. Africa.

Inquiry No. 7056.—Wanted, firms who underwrite stocks and bonds.

Sheet metal, any kind, cut, formed any shape. Die-making, wire forming, embossing, lettering, stamping, punching. Metal Stamping Co., Niagara Falls, N. Y.

Inquiry No. 7057.—For manufacturers of a certain Metropolitan lever handle loco injector.

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

Inquiry No. 7058.—For the manufacturers of the collapsible foil metal tubes.

Space with power, heat, light and machinery, if desired, in a large New England manufacturing concern, having more room than is necessary for their business. Address Box No. 407, Providence, R. I.

Inquiry No. 7059.—For makers of small, gray iron castings.

Absolute privacy for inventors and experimenting. A well-equipped private laboratory can be rented on moderate terms from the Electrical Testing Laboratories, 548 East 80th St., New York. Write to-day.

Inquiry No. 7060.—For parties engaged in cleaning dynamo belts, which have been oil soaked.

MOUNTAIN AND LAKE RESORTS.

Is the name of a beautifully illustrated publication of one hundred and twenty-eight pages just issued by the LACKAWANNA RAILROAD. The book contains a list of more than four hundred hotels and boarding houses among the various mountain and lake resorts reached by that road in New York, New Jersey and Pennsylvania. It suggests where to go, how to go, what it will cost and what can be seen and done when you get there. In addition there is a delightful love story entitled "A Paper Proposal," illustrated by well-known artists.

The book will be sent on receipt of ten cents in stamps addressed to T. W. LEE, General Passenger Agent, New York City.

Inquiry No. 7061.—For makers of turbine water wheels, from 2 to 10 h. p.

Inquiry No. 7062.—For a machine for making open ditches.

Inquiry No. 7063.—For a machine for preparing manila and sisal for buider twine.

Inquiry No. 7064.—For the makers of the patent clasp which is attached to suspenders.

Inquiry No. 7065.—For manufacturers of glass.

Inquiry No. 7066.—For makers of umbrella ribs and handles, and steel rods.

Inquiry No. 7067.—For manufacturers of furnishing fixtures for a toy shop.

Inquiry No. 7068.—For manufacturers of peroxide of iron, venetian red, corcus mortis, powdered pipe clay, chalk, oxalic acid.

Inquiry No. 7069.—Wanted, address of firms who underwrite stocks and bonds.

Inquiry No. 7070.—For the names of firms that make perfectly puncture-proof bicycle tires.

Inquiry No. 7071.—For manufacturers of machinery used in making brick.

Inquiry No. 7072.—For manufacturers of plants for distilling turpentine, wood alcohol, creosote, etc., from rich pine stumps.

Inquiry No. 7073.—For manufacturers of the "Pee-less Combination Sharpener."

Inquiry No. 7074.—For manufacturer of an article called "Flat Lap."

RECENTLY PATENTED INVENTIONS.

Electrical Devices.

TELEPHONE-SWITCHBOARD.—E. DARNELL, Carrollton, Mo. The inventor provides a compact switchboard in which the spring-jacks, plugs, and cords are all dispensed with their incidental objections, and the movable parts to be adjusted are assembled within limits of an easily-reached and conveniently-managed switch, whereby the reaching movements are reduced in number, and so restricted in extent of reach as to greatly economize time, and whereby, also, enunciation between subscribers is rendered secret, so that operators can hear nothing after subscribers are put into communication with each other, and whereby disconnection between subscribers is placed under their own control.

Of General Interest.

ERASER.—H. H. HALL, Treichlers, Pa. The object had in view by the inventor is to combine in one device a sharpened blade and an erasive block of rubber, with the combination device affording advantages novel and useful over other erasers. One of the points of novelty resides in the shoulder and lug devices holding a blade at unfolded adjustment for effective use of its sharpened edge to a flange with its upturned edge, forming a guard for a sharpened edge of the blade when the latter is adjusted to folded position.

DAYLIGHT DEVELOPING APPARATUS.—A. O. GRAF and D. GRAF, New York, N. Y. In the present patent the invention has reference to photography; and the object is to provide a new and improved daylight developing apparatus arranged to allow convenient and quick developing, washing and fixing of exposed photographic plates in broad daylight without resorting to the use of a dark room.

PACKAGE-HANDLING DEVICE.—W. R. DENNIS, Denver, Col. In this instance the invention refers to improvements in devices for handling shelf goods of all descriptions usually sold in stores, the object being to provide a simple and novel device by means of which packages may be readily removed from the shelves or the like or placed thereon without danger of breaking or otherwise damaging the packages.

EASEL.—A. R. COBB, Shorthills, N. J. The present invention pertains particularly to improvements in artists' sketching-easels, the object had in view by the inventor being the provision of an easel of strong yet light construction that may be compactly folded when not in use or for convenience in carrying about.

TOY BUREAU.—A. D. CONVERSE, Winchendon, Mass. A purpose of this improvement is to provide a construction whereby the mirror and its frame may be placed for shipment or storage in a compartment at the back of the body of the bureau and held in a protected position, the top of the bureau body being at such time flush throughout, and to so locate the said compartment that when the mirror is stored therein it will not interfere with the action of the drawers.

DEVICE FOR HOLDING VALVES.—C. O. COLE, Bellingham, Wash. The invention relates to a device for holding valves and preventing their displacement when subjected to jarring or other motions. The principal object is to provide for holding valves as stated and at the same time permit them to be opened and closed without the necessity of loosening or tightening any of the parts or using separate tools of any kind.

Machines and Mechanical Devices.

MACHINE FOR CURLING HAT-BRIMS.—W. W. KEYS and D. A. FERGUSON, Yonkers, N. Y. The inventors provide an economic device for curling brims by steam and so construct a feed device for the curling-shackle that it retains the curl in the brim and may be released at any time from action on the brim, permitting the ready withdrawal of the brim from the shackle, and furthermore so construct the shackle that the steam will be equally distributed at the top and bottom of the curl in the brim which is produced by the shackle.

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 the paper.

INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending

July 11, 1905

AND EACH BEARING THAT DATE

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

- Abrading sheet, G. Gorton..... 794,496
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Adding and subtracting machine, A. F. Hansen..... 794,353
Advertising machine automatic, Kingscote & Williams..... 794,232
Air brake connection joint, S. Feust..... 794,350

"Star" Foot and Power Screw Cutting Lathes. FOR FINE, ACCURATE WORK. SENeca FALLS MFG. CO. 695 Water Street, Seneca Falls, N. Y., U. S. A.

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PATENTS. Our Hand Book on Patents, Trade-Marks, etc., sent free. Patents procured through Munn & Co. receive free notice in the SCIENTIFIC AMERICAN. MUNN & CO., 361 Broadway, N. Y. BRANCH OFFICE: 625 F St., Washington, D.C.

The Right Kind of a Motor. on land or water. Salisbury Double Cylinder Motor 4 1/2 x 5. Water Jacket Cylinders and Head. Aluminum Crank Case, Self-Oiling, Nickel Steel Valves, Forged Steel Shaft. Salisbury Motors are Reliable. Prices moderate. Send for Catalogue. BUFFALO ENGINE CO., Mfrs. 272-274 Michigan St., Buffalo, N. Y.

THE MIDGET DYNAMO OR MOTOR. Price as shown \$7.50. With 100 Watt Power \$4.50. Price includes full instructions for the care of the machine and for performing 25 IMPORTANT EXPERIMENTS. This machine has been on the market for ten years and has been gradually developed to its present state of perfection. ELBRIDGE ELECTRICAL MFG. CO. Water St., ELBRIDGE, N. Y., U. S. A.

WOLVERINE SELF STARTING AND REVERSING Gasoline Marine Engines. 3 to 18 horse power. Launches 18 to 75 ft. Write for catalogue. WOLVERINE MOTOR WORKS Grand Rapids, Mich., U. S. A. Brooklyn office, 97 22d St.

The Wonder Gasoline Motors. Something New and Up-to-date. More power for less money than any other machine on the market. No valves, gears, etc., to get out of order. Jump Spark. Our 1 1/2 H. P. marine outfit is a "WINNER." Sold or reversing propeller. Our prices will surprise you. Write today. Marine or stationary outfits to suit any requirements up to 5 H. P. The R. M. Cornwell Co., 406 S. Salina St., SYRACUSE, N. Y.

THE "LEADER" 1 1/2 H.P. Gasoline Auto-Marine Engine. Built like a watch. Beautifully finished. Accurately constructed. Light, Strong, Reliable and Noiseless in operation. Suitable for launches from 15 to 18 feet in length. Price complete, \$75.00 net, no discount. Thoroughly guaranteed. Perfect Speed Control. Complete descriptive catalogue upon application. MANUFACTURED BY CLAUDE SINTZ, 92 S. Front St., Grand Rapids, Mich.

Igniter Dynamos. For all classes of GAS ENGINES. for make and break or jump spark systems. Our latest type price \$15. Write for circular of magnetos, etc. THE CARLISLE & FINCH CO. 233 E. Clifton Ave. Cincinnati, O.

Crescent Machinery. Quality and Price, both right. HAND SAWS, JOINTERS, SAW TABLES, BAND SAW BLADES. Catalogue tells the rest. CRESCENT MACHINE CO. 230 Main Street, Lectionia, O., U. S. A.

- Air brake for railways, automatic, S. H. Hegnibottom..... 794,222
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