

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. 2468.—For manufacturers of turbine water wheels.

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

Inquiry No. 2469.—For machinery for packing preserved provisions.

Motor Vehicles. Duryea Power Co., Reading, Pa.

Inquiry No. 2470.—For dealers in armature toothed punchings.

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

Inquiry No. 2471.—For complete commutators or segments for small machines.

WATER WHEELS. Alcott & Co., Mt. Holly, N. J.

Inquiry No. 2472.—For an apparatus for reproducing written reports in numbers.

Manufacturers' agent; accounts wanted. S. Duncan, Dallas, Texas.

Inquiry No. 2473.—For dealers in cigar-vending machines, selling them outright.

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

Inquiry No. 2474.—For dealers in blades for lawn mowers.

Fine castings of soft iron for manufacturers. Atlantic Foundry, Phillipsburg, N. J.

Inquiry No. 2475.—For manufacturers of root file machinery.

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

Inquiry No. 2476.—For galvanized wire hoops similar to those used on candy buckets.

Steel name stamps, stencils, steel letters and figures and brass checks. C. L. Alderson, Cleveland, O.

Inquiry No. 2477.—For manufacturers of bent wood.

Are you looking for anything in bent woodwork? Write Tucker Bicycle Woodwork Co., Urbana, Ohio.

Inquiry No. 2478.—For spring motor ceiling fans.

Manufacturing plant for sale or to rent; best railway facilities. Address Albert N. Buter, Meriden, Ct.

Inquiry No. 2479.—For a light, portable distilling apparatus for use in deserts where water is strongly alkali.

WANTED.—Experienced manager wants partner to help build valuable invention. J. C. Purdy, Bayonne, N. J.

Inquiry No. 2480.—For parties to make glass balls 2 in ches diameter, ground and polished and of different colors.

FOR SALE.—U. S. 1902 latest beautiful patent on bicycle. For particulars address Tarzian Brothers, Paterson, N. J.

Inquiry No. 2481.—For manufacturers of portable houses.

We design and build special and automatic machinery for all purposes. The Amstutz-Osborn Company, Cleveland, Ohio.

Inquiry No. 2482.—For a large practical dish washer.

Special and Automatic Machines built to drawings on contract. The Garvin Machine Co., 149 Varick, cor. Spring Streets, N. Y.

Inquiry No. 2483.—For carpet-cleaning apparatus or machinery.

Manufacturers of patent articles, dies, stamping tools, light machinery. Quadriga Manufacturing Company, 18 South Canal Street, Chicago.

Inquiry No. 2484.—For a floor mop that does not require wringing by the hands.

Factory room to let, with power, steam, elevators, etc. Good light, also storage room. Charles F. Kilburn, 84-86 58 Mechanic St., Newark, N. J.

Inquiry No. 2485.—For an apparatus for placing in a vertical furnace so as to use oil as fuel.

Designers and builders of automatic and special machines of all kinds. Inventions perfected. The W. A. Wilson Machine Company, Rochester, N. Y.

Inquiry No. 2486.—For some economical fuel to be used instead of coal.

The celebrated "Hornsby-Akroyd" Patent Safety Oil Engine is built by the De La Vergne Refrigerating Machine Company. Foot of East 13th Street, New York.

Inquiry No. 2487.—For dealers in rubber specialties.

IDEAS DEVELOPED.—Designing, draughting machine work for inventors and others. Charles E. Hadley, 584 Hudson Street, New York.

Inquiry No. 2488.—For makers of double-action suction pumps.

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. 2489.—For the manufacturers of the Acme oil and gas engine.

WANTED.—A person to assist financially to obtain a patent on an improved boiler, which would save 20 to 50 per cent. of the fuel used in generating steam. D. Serunas, 167 Lowell Street, Lawrence, Mass.

Inquiry No. 2490.—For dealers in counting machines to be attached to typewriters or cash registers.

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. 2491.—For dealers in well-drilling machinery.

Special tools, models, fine light machinery, experimental and electrical work wanted, also specialties to manufacture. The General Manufacturing Company, 40 West 13th Street, New York City.

Inquiry No. 2492.—For dealers in aluminium or "flowered" tin picture frames.

Inquiry No. 2493.—For makers of small gasoline engines of 2 h. p. or less.

Inquiry No. 2494.—For a foot or electric power machine for cutting cloth in ovals and scallops.

Inquiry No. 2495.—For makers of car-building machinery.

Inquiry No. 2496.—For a stationary gasoline engine for running a small plant for cutting stones.

Inquiry No. 2497.—For a power pipe-threading and cutting machine for cutting pipes 2 to 6 inches.

Inquiry No. 2498.—For makers of sewage disposal plants.

Inquiry No. 2499.—For makers of electric mining drills and general mining machinery.

Inquiry No. 2500.—For ax handle and spoke machinery.

Inquiry No. 2501.—For manufacturers of celluloid or hard rubber goods.

Inquiry No. 2502.—For makers of coal briquettes.

Inquiry No. 2503.—For manufacturers of lithographic stones.

Inquiry No. 2504.—For the manufacturer of the Grabler check protector.

Inquiry No. 2505.—For dealers in useful industrial toys.

Inquiry No. 2506.—For dealers in oil drills and machinery for operating the same.

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Inquiry No. 2508.—For manufacturers of nut crackers.

Inquiry No. 2509.—For dealers in hat creators.

Inquiry No. 2510.—For dealers of aluminium in sheets.

Inquiry No. 2511.—For parties to engage in the construction of airships and light engines per horse power.

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April 22, 1902,

AND EACH BEARING THAT DATE.

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Table listing inventions with patent numbers and names of inventors. Includes items like Draft gage, K. Bombard; Draft rigging appliance, friction, T. L. McKee; Drilling machine, S. A. Baker; Dust, beater, S. J. Sims; Dye and making same, green, black sulfur, A. Pfenniger; Dynamometers or motors on their bed-plates, means for adjusting, F. B. Duncan; Electric circuit closing device, F. Wilke; Electric distribution system, E. Thomson; Electric light bulbs, device for applying and removing, L. H. Almsworth; Electric motor, Conklin & Milton; Electric vapor lighter, B. E. Wilder; Electrical knife switch, Smith & Bossert; Elevator gate, self closing, G. E. Anderson; Elevator hoisting mechanism, H. Rowntree; Elevator safety appliance, G. M. Moore; Embossing and printing mechanism, C. E. Maas; Engine speed regulator, explosive, J. W. Lambert; Envelop, A. Bonaffon; Envelop closing, metallic, G. P. Adams; Envelop, safety, C. H. Mann; Explosive engine, M. N. Hylland; Eyeglasses, H. C. 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 Printing presses, steel for chases for, Barnhart Brothers & Spindler..... 38,174
 Pudding tablets and dessert preparations, H. J. Blodgett Co..... 38,159
 Remedies for certain named diseases, Barrows & Saunders..... 38,165
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 Soap, washing powder and fluid, cake, W. B. Reed..... 38,169
 Stoves, ranges, heaters, and furnaces, Excelsior Stove and Mfg. Co..... 38,178
 Undergarments, C. Dufour..... 38,150
 Varnishes, wood fillers and stains, and paints, Standard Varnish Works..... 38,172
 Whisky, wine, mixed liquors, and non-alcoholic beverages, C. Wilson..... 38,162

LABELS.

"Big 4 Cough and Cold Cure," for a medicine, J. C. Kaiser..... 9,089
 "Blackbird," for Ithia water, Arlen & Ingwersen..... 9,097
 "Burnham's Soluble Iodine (The Original)," for soluble iodine, Burnham Soluble Iodine Co. 9,087
 "Can't Shake 'Em Off," for eyeglasses, H. H. Watts..... 9,085
 "Faultless," for condensed milk, Lackawanna Dairy Co..... 9,098
 "Fig Fig," for a laxative, W. J. Raiche 9,091
 "Home Industry," for cigars, Schmidt & Co 9,100
 "Keller Bros. Blood Purifying Remedy," for a medicine, Keller Bros..... 9,090
 "La Molinda," for cigars, Husted & Gessler 9,099
 "Marshall's Dandelion Tonic," for a medicine, T. P. Marshall..... 9,088
 "Mellin's Food Chocolate," for a food preparation, Mellin's Food Company of North America..... 9,102
 "Nailtza or Grease Extractor," for a cleaning preparation, T. H. Price..... 9,101
 "Old Style Lager," for lager beer, G. Helleman Brewing Co..... 9,094
 "Orange Brewery Beer," for a beer, M. Winter..... 9,095
 "Osburn's Pomelo Phosphate," for a beverage, F. L. Fuller..... 9,096
 "Shoe Manufacturers' Syndicate," for shoes, W. Edelstein..... 9,086
 "The Famous Pile Cure," for a pile cure, B. & W. Co..... 9,092
 "Vermilion Club," for whisky, B. J. Epstein 9,093

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Mr. Ashley has produced a book of the kind that one loves to handle and to read. It is scholarly in its treatment, yet simple in its explanations. It is a textbook intended not only to describe the organization and work of the different American governments, but to emphasize the relation of citizens to the government and to one another. For that reason, Mr. Ashley informs us in his preface, he has approached the subject from the standpoint of the State; that is, of the whole body of citizens considered as an organized unit, rather than from the point of view of government or of the individual citizen. How well he has succeeded even a cursory examination of his book will show.

HANDBOOK ON ENGINEERING. By Henry C. Tulley. Second Edition, Revised and Enlarged. St. Louis: Henry C. Tulley & Co. 1902. 16mo. Pp. 827. Price \$3.50.

This is the second edition of a book which has been found of considerable service to the practical engineer. The author's claim that before the publication of the volume, it was difficult to find a plain and practical treatise on the steam-boller, steam-pump, steam-engine, and dynamo, and how to care for them, is only too well founded. His own work seems to fill this want in a particularly happy manner. He has given particular attention to the latest improvements in all classes of steam engineering and their proportioning according to the best modern practice.

BAKING POWDERS. A Treatise on the Character, Methods for the Determination of the Values, etc. With Special Reference to Recent Improvements in Phosphate Powders. By Charles A. Catlin, B.S., Ph.B., F.A.A.S. Providence, R. I.: Rumford Chemical Works. 1899. Pp. 44.

Mr. Catlin has prepared an interesting monograph on baking powders which will commend itself both to the chemist and to the baker for the thoroughness of its treatment and the trustworthiness of its information.

PRACTICAL SANITARY ENGINEERING. By Francis Wood. Philadelphia: J. B. Lippincott Company. London: Charles Griffin & Co. 1902. 16mo. Pp. i to vii, 304.

Mr. Wood's work deals with the science of sanitary engineering in an elementary form. As the author states in his introductory chapter, the material formed the basis of a series of lectures given before a few private engineering friends, and is now offered more especially to engineering students. It cannot be denied that the work is both instructive and trustworthy. Its illustrations might, however, be improved here and there.

ELECTRICAL ENGINEERING TESTING. A Practical Work for Second and Third Year Students, Engineers and Others. By G. D. Aspinall Parr, M.Inst. E.E., A.M.I. Mech.E. 218 Diagrams of Connections and Illustrations of Appliances. 31 Tables of Useful Figures, Constants, Logarithms, Squares, etc. Philadelphia: J. B. Lippincott Company. London: Chapman & Hall, Ltd. 1902. 8vo. Pp. 474. Price \$3.50 net.

Electrical periodicals from time to time have published articles on the testing of electrical engineering apparatus. So far as we know, the present book is the first earnest effort to treat the more advanced and practical portions of the subject in a systematic manner and to collect scattered information not readily accessible. The book embodies most of the experimental work that is usually done at colleges, and includes many tests of heavy electrical machinery, together with a course on jointing electric light cables. The author's hope that his book may be suitable to guide the student in electrical laboratory practice in the second and third years of a complete course of instruction in electrical engineering deserves to be fulfilled.

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