APRIL 20, 1907.

## Scientific American



I: weeticides, E. Fichtenau.
61,872

Jams, Beach & Clarridge Co.
61,827

Key rings and chains, Huet & Ligier,
61,827

Key rings and chains, Huet & Ligier,
61,831, 61,832

Knitted or netted materials, clothing of,
W. Read & Sons

Uamps, incandescent electric, Franklin Electric, Mfg. Co.
61,910

Lap robes, L. Dusenbury
61,923

Leather dressings, Frank Miller Co.
61,813

Locks and parts thereof and keys therefor,
Yale & Towne Mfg. Co.
61,834, 61,837

Vale & Towne Mfg. Co.
61,814
Subricants, certain, United States Graphite
61,814

Lumber and timber, C. Este
61,814
Subricants, Certain, W.
71,844

Medicial and surgical appliances, certain, W.
61,844
61,844

Medicial digestive preparations, H. S. Well 61,916
61,916

Come
61,926
61,926
61,926

Metal
weiding
compounds,
Goldschmidt

Thermit Co.
G.880

Outs, rouled, Schumacher Cereal Co.
G.957

Oils and greases for gas engines and automostiles.
G.806

Oils and greases, hubricating, Mutual Automost Accessories Co. of America.
G.806

Oils, cotton seed, Southern Cotton Oil Co.
G.806

Oils, cotton seed, Southern Cotton Oil Co.
G.822

Oils, cotton seed, Southern Cotton Oil Co.
G.827

Oils, cotton seed, Southern Cotton Oil Co.
G.827

Oils, cotton seed, Southern Cotton Oil Co.
G.827

Olives. American Oilve Co.
G.827

Ohrographic developers, Actien-Gesellschaft
G.920

Phatera Mfg. Co.
G.921

Patatas, Grifin & Skelley Co.
G.835

Radiators for affections of the throat, chest, fast
G.845

Radiators for affections of the throat, chest, fast
G.845

Remedy for sensickness, J. A. Nordin.
G.845

Remedy for sense and busits of the fason.
G.941

Rome, toilet, E. M. Hetsel.
G.941

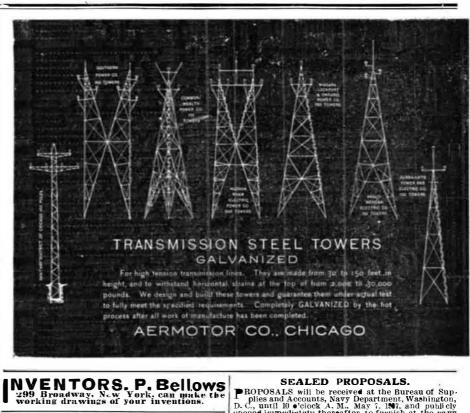
Rome, toilet, E. M. Hetsel.
G.941

Stafes, machines, freed, J. Meyers Manufacturing Co.
G.943

<td LET US BE YOUR FACTORY WRITE FOR ESTIMATE ON ANY ARTICLE YOU WANT MANUFACTURED STAMPINGS, MODELS, EXPER. WORK WRITE FOR FREE BOOKLET THE CLOBE MACHINE & STAMPING CO. 970 Mamilton St., Cleveland, O. Corliss Engines, Brewers and Bottlers' Machinery. THE VILTER MrG. Co., 393 Clinton St., Milwaukee, Wis. MODELS & EXPERIMENTAL WORK, E. V. BAILLARD. 24 Frankfort Street. New York. RUBBER. Expert Manufacturers Fine Jobbing Work PARKER, STEARNS & CO., 228-229 South Street, New York DRYING MACHINES For all kinds of gran-ular materials. S. E. Worrell, Haunibal, Mo. MODELS CHICAGO MODEL WORKS 1789 ENGLASSON ST CHICAGO, ILL STABLISHED 1867 WHILE ST CHICAGO, ILL Experimental & Model Work Cir. & advice free. Wm. Gardam & Son, 45-51 Rose St.N.Y LABELS. SELL YOUR OLD RUBBER and METALS FOR THE HIGHEST PRICES. We buy old rubber, scrap metal, conner, brans, lead, etc., in 50 lb, loss or over, and pay the freicht. Write for price list. UN TEED RUB-BER & METAL CO., 432 W. Brondway, New York. MASON'S NEW PAT. WHIP HOISTS Manfd, by VOLNEY W. MASON & CO., Inc. Providence, K. I., U. S. A.

## PRINTS.

Magical Apparatus. Grand Book Catalogue. Over 700 engravings 25c. Parlor Tricks Catalogue, free. MARTINKA & CO., Mfrs., 493 Sixth Ave., New York THE INTERNAL TELESCOPES CATALOGOR W.& D. MOGEY. BAYONNE CITY. N.J. "Stick A printed copy of the specification and drawing of any patent in the foregoing list, or any patent in print issued since 1863, will be furnished from this office for 10 cents, provided the name and number of the patent desired and the date be given. Address Munn & Co., 361 Broadway, New York. Canadian patents may now be obtained by the in-ventors for any of the inventions named in the fore-going list. For terms and further particulars address Munn & Co., 362 Broadway, New York. Telegraphy ONTIGRAPH By ONTIGRAPH By ONTIGRAPH By ONTIGRAPH By ONTIGRAPH



SEALED PROPOSALS. PROPOSALS will be received at the Bureau of Sup-plies and Accounts, Navy Department, Washington, D. C., until 10 e'clock A. M., May 7, 1897, and publicly opened immediately thereafter, to furnish at the navy yard, New York, N. Y., two sets wireless telegraph ap-paratus and two duplicate gas engine generating sets. Applications for proposals should refer to Schedule 644. Blank proposals will be furnished upon application to the navy pay office, New York, N. Y., or to the Bureau. E. B. ROGERS, Paymaster-General U. S.N. 410-07.



A joint committee of the Automobile Trade Assosiation and the Automobile Club of America, appointed at the suggestion of the Fire Department and the Bureau of Combustibles of the City of New York, to investigate the leakage of waste gasoline and oils from automobile garages into the City sewers and to provide ways and means for preventing same, is desirous of securing any propositions which would effectually prevent any possibility of such occurence, and enable the garages to comply with the ordinances of the City of New York applicable to garages. Communications should be addressed to the Chair-

man of the Joint Committee, C. R. MABLEY, 1765 Broadway, New York.



An address by President Southworth sent free on ap-plication to the Recorder's Office, Meadville, Pa. THE MEADVILLE THEOLOGICAL SCHOOL

trains men and women for the present day ministry. Founded 1844. No doctrinal tests. Generous beneficiary and scholarship funds. Fellowship for study abroad yielding \$510, awarded annually to a competent gradu-ate. Special lectureships. Member of the American Committee for Lectures on the History of Religions.

RUBBER STAMP MAKING. - THIS article describes a simple stamps with inexpensive practical article written by an amateur who has had ex-perfence in rubber stamp making. One illustration. Contained in SUPPLEMENT 1110. Price 10 cents. For sale by Munn & Co. and all newsdealers.

FADA SALATOURANING

WORK OF THE Wind. BY S. P. LANGLEY. A painstaking discussion by the leading authority on Aerodynamics, of a subject of value to all interested in airships. SCIENTIFIC AMERICAN SUPPLEMENTS 946 and 947. Price 10 cents each, by mail. Munn & Company, 361 Broadway, New York City, and all newsdealers.

Wonderful

Circular free

ense and liability incident to Elevator principal storebouses in New York & B

MR. INVENTOR

VV A I GRIMARING We teach it thoroughly in as many months as it formerly took y ears. Does away with tedious appren-ticeship. Money earned while studying. Positions se-cured. Easy terms. Send for catalog.

ST. LOUIS WATCHMAKING SCHOOL, St. Louis, Mo,



## CONCRETE BUILDING BLOCK MANUFACTURERS

Reduce cost by my process, which allows you to cast "sloppy wet" blocks on dry process machines and remove atonce. Double moulds waste the inner mould after each block is made. For full information, address We have no Rent to add when making you Prices on LARIMER MFG. CO., Eola, Ill. (near Chicago) S. W. HENDRICKSON, Patentee, White Plains, N. Y.

DON'T BUY GASOLINE ENGINES UNTIL YOU INVESTIGATE alcohol engine, superior to any one-cylinder engine; revolutionizing power. Its weight and buik are half that of single cylinder engine, starter durability. Costs Less to Buy-Less to Run. Quickly, enally started. Vibration practically overcome. Cheaply mounted on any waron. It is a combination portable, stationary or traction engine. SEXP FOR CATALOGUE. THE TEMPLE PUMP CO., Mfrs., Meagher and 15th Sts., Chicago. THIS IS OUR FIFTY-THIRD YEAR.