

Valuable Books.

EXPERIMENTAL SCIENCE.

By GEORGE M. HOPKINS.

THIS is a book full of interest and value for Teachers, Students, and others who desire to impart or obtain a practical knowledge of Physics. This splendid work gives young and old something worthy of thought. It has influenced thousands of men in the choice of a career. It will give anyone, young or old, information that will enable him to comprehend the great improvements of the day. It furnishes suggestions for hours of instructive recreation.



Liquid Air and the Liquefaction of Gases.

This book contains the full theory of the subject. It gives the entire history of the Liquefaction of Gases from the earliest time to the present, and contains an illustrated description of all the experiments that have excited the wonder of audiences all over the country. It is a logical explanation and application of the principles of liquefaction, a history of the theory, discovery and manufacture of liquid air. A book that renders simple one of the most perplexing chemical problems of the century. Starting developments illustrated by actual experiments. It is not only a work of scientific interest and authority, but is intended for the general reader, being written in a popular style—easily understood by everyone.

By Prof. T. O'CONNOR SLOANE. 365 Pages. With many Illustrations. Price \$2.50.

A Complete Electrical Library.

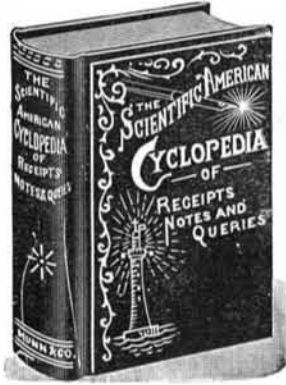
By Prof. T. O'CONNOR SLOANE.

An inexpensive library of the best books on Electricity. Put up in a neat folding box, as shown in cut. For the student, the amateur, the workshop, the electrical engineer, schools and colleges. Comprising five books, as follows:

- Arithmetic of Electricity 138 pages, \$1.00
Electric Toy Making 140 pages, \$1.00
How to Become a Successful Electrician 189 pages, \$1.00
Standard Electrical Dictionary 622 pages, \$3.00
Electricity Simplified 158 pages, \$1.00

THE SCIENTIFIC AMERICAN Cyclopedia of Receipts, Notes and Queries.

Edited by ALBERT A. HOPKINS. 12,500 Receipts. 788 Pages.



Price \$5 in cloth; \$6 in sheep; \$6.50 in half morocco; postpaid.

Gas, Gasoline, and Oil Vapor Engines.

The Only American Book on the Subject.

A book designed for the general information of everyone interested in this new and popular motive power and its adaptation to the increasing demand for a cheap and easily managed motor requiring no licensed engineer. The book treats of the theory and practice of Gas, Gasoline, and Oil Engines, as designed and manufactured in the United States. It also contains chapters on Horseless Vehicles, Electric Lighting, Marine Propulsion, etc.



By GARDNER D. HISCOX, M.E. 270 Handsome Engravings. Large Octavo, 365 Pages. Price \$2.50.

Full descriptive circulars of above books will be mailed free upon application.

MUNN & CO., Publishers, 361 BROADWAY NEW YORK.

Table listing various technical items and their prices, including 'Suspending device, A. R. Geoffroy', 'Switch, See Tramway switch', 'Tack, carpet, O. J. Riedtmiller', etc.

DESIGNS.

Table listing designs and their prices, including 'Bottle, A. M. Hamilton', 'Bottle or jar, C. C. Dula', 'Cabinet, kitchen, W. M. Henson', etc.

TRADE MARKS.

Table listing trade marks and their prices, including 'Agricultural implements, Standard Harrow Company', 'Baking powder, H. H. Brothers', etc.

LABELS.

Table listing labels and their prices, including 'Brennerberg Red Seal', 'Wine Company', 'Candfield Dress Shields', etc.

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. In ordering please state the name and number of the patent desired, and remit to Munn & Co., 361 Broadway, New York. Special rates will be given where a large number of copies are desired at one time.

Advertisement for 'SCREW-DRIVER' with four interchangeable blades, featuring an illustration of the tool and hands using it.

Advertisement for 'The Windsor Goods' featuring 'Seve Laundry Bills' and 'The Only Perfect Substitute for Linted Yarn Produced'.

Advertisement for 'Calcium Carbide EXPORT COMPANY' located at 35 Nassau Street, New York.

Advertisement for 'AIR BRUSH FOR ART WORK' by Air Brush Mfg. Co., Rockford, Ill., U.S.A.

Advertisement for 'Astronomical AND Engineering Instruments' manufactured by W. & D. Mogyey, Bayonne City, N.J.

Advertisement for 'THE HOMEMADE WINDMILLS OF NEBRASKA' with a detailed description of the windmills and their construction.

Advertisement for 'Brass Band' instruments, drums, uniforms, and supplies, featuring an illustration of a band member.

Large advertisement for 'PATENTS' with '50 YEARS' EXPERIENCE' and 'TRADE MARKS DESIGNS COPYRIGHTS & C.'.

Advertisement for 'Scientific American' journal, highlighting its circulation and subscription information.

Advertisement for 'D. L. HOLDEN' sole manufacturer of 'REGEALD ICE MACHINES' at 1336 Beach St., Philadelphia, Pa.

Advertisement for 'THE MOBIKE RUNS ITSELF' featuring a motorized bicycle and its features.

Large advertisement for 'Jerry's SEEDS' with a stylized logo and text promoting high-quality seeds for growing crops.

Advertisement for 'CANADIAN FIRM' wanting control for Canada of acceptable articles, listing DIXON & WILLIS, Toronto.

Advertisement for 'TURBINES' and 'ICE MACHINES' by JAS. LEFFEL & CO., Springfield, Ohio, U.S.A.

Advertisement for 'FOR STEREOPTICONS AND SLIDES' featuring moving picture machines and films.

Advertisement for 'D'AMOUR & LITTLEDALE MACHINE CO.' located at 130 Worth St., New York.

Advertisement for 'MODELS & EXPERIMENTAL WORK' by E. V. Baillard, 106 Liberty St., New York.

Advertisement for 'INVENTIONS PERFECTED' by PARSELL & WEED, 129-131 West 31st St., New York.

Advertisement for '\$3 a Day Sure' with a promise to send an address and receive a \$3 day job.

Advertisement for 'YOU CAN MAKE \$100 A WEEK!' with details on owning a show and complete outfit.

Advertisement for 'For Sale' of a steam engine built by the Watts Campbell Company, Newark, N.J.

Advertisement for 'MERITORIOUS INVENTIONS' with details on financing and patenting.

Large advertisement for 'The WOODEN HEN' featuring a self-regulating incubator and a book about it.

Advertisement for 'IT COST US \$4,000 Costs 15c' for 'Cyphers Incubator' with an illustration of the device.

Advertisement for 'LIFE PRODUCERS' and 'LIFE PRESERVERS' by Des Moines Incubator Co.

Advertisement for 'To SUCCEED' in the poultry business with a book and reliable incubators.

Advertisement for '310 First Premiums' awarded to the Prairie State Incubator.

Advertisement for 'POULTRY PAPER' with 20 pages, 25 cents per year, and 4 months' trial.

Advertisement for '\$5,000 POULTRY CATALOGUE FREE!' with details on the catalogue's content.

Large advertisement for 'THE HARRINGTON & KING PERFORATING CO.' featuring 'PERFORATED METALS OF EVERY DESCRIPTION FOR ALL USES' and 'SCREENS OF ALL KINDS'.