

THE NEW BRISTOL COUNTER



Registers an accurate account of work done on printing presses, grain tallies, weighing, measuring and other automatic machines. Counts up to 1,000,000 and repeats automatically. Simple, accurate, durable. Special counters to order. Send for circular.

C. J. ROOD, Bristol, Conn. U. S. A.

IMPROVED WASHBURNE'S PATENT COLLAR FASTENER AND BACHELOR'S BUTTON.



A Collar Fastener that is better than button or stud. Saves wear and tear on buttonholes. Easily applied. The Bachelor's Button is the handiest thing ever invented. Saves sewing. Can be adjusted instantly when needed. Easily detachable from garments. Samples of either, by mail, for 10 cents.

AMERICAN RING CO., Dept. S. A., Waterbury, Conn.

WOODEN TANKS.

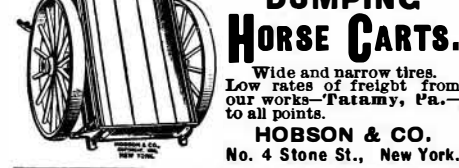
For Railroads, Mills and Manufactories. Builders of Steel Towers and Tanks. La. Red Cypress Wood Tanks a specialty. W. E. CALDWELL CO., 217 E. Main Street, Louisville, Ky.

ON A STILL HUNT.

The up-to-date sportsman needs for success, personal comfort and protection the ideal Hunting Shoe. Tanned horsehide, upper gray color, soft as a glove, tough as steel, cannot harden. Wide double soles, rubber cemented together. Practically waterproof, flexible, easy. The most serviceable shoe for hunters and engineers. Illus. catalogue free.

M. A. SMITH & SON, Manufacturers, 29-31 N. 13th Street, Philadelphia.

SPORTING SHOES OF ALL KINDS.



Headquarters for DUMPING HORSE CARTS. Wide and narrow tires. Low rates of freight from our works—Tatamy, Pa.—to all points.

HOBBSON & CO., No. 4 Stone St., New York.

NO MORE "POISON IN THE BOWL"

No excuse for smoking foul pipes. The "Mallinckrodt" Patent Nicotine Absorbent and Ventilated Tobacco Pipe will render smoking a healthy enjoyment. Try it and you will become convinced. See notice, SCI. AM. of August 7, '97. Manufactured only by The Harvey & Watts Co., Station E, Philadelphia, Pa. and No. 275 Canal Street, New York. Illustrated Circulars "S. A." mailed on application.

SO SIMPLE A CHILD CAN USE THEM

SUNART MAGAZINE CAMERA. Folding Cameras. All sizes, ranging in price from \$5 to \$100. Sunart Junior, 3/4 x 5/8 picture, \$5. Send 2 cent stamp for illustrated catalogue.

SUNART PHOTO CO., 5 AQUEDUCT STREET, ROCHESTER, N. Y.

STANDARD ELECTRICAL DICTIONARY

By Prof. T. O'CONNOR SLOANE. 682 Pages, 393 Illustrations. Handsomely Bound in cloth, 8vo, \$3.00.

AN ENTIRELY NEW EDITION, BROUGHT UP TO DATE AND GREATLY ENLARGED. COMPLETE—CONCISE—CONVENIENT.

THE great demand for a dictionary of this kind has led Prof. Sloane to complete, after a vast amount of labor, a work of a very high standard. In the "Standard Electrical Dictionary" he has adhered to what the work purports to be, exhausting the subject of electrical terms, giving each title the clearness of explanation necessary to make the understanding of it complete without unnecessary elaboration. In this work, every electrical word, term, or phrase will be found intelligently defined. A practical handbook of reference, containing definitions of about 5,000 distinct words, terms and phrases. The work is absolutely indispensable to all in any way interested in electrical science, from the higher electrical expert to the everyday electrical workman. In fact, it should be in the possession of all who desire to keep abreast with the progress of this branch of science.



We can also furnish Prof. Sloane's works on electricity 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, 682 pages, 3.00. Electricity Simplified, 158 pages, 1.00.

The above five volumes, comprising a COMPLETE ELECTRICAL LIBRARY, sold at the special reduced price of \$5.00 put up in a neat folding box. You save \$2.00 by ordering the set complete. 5 volumes, 1,300 pages, over 450 illustrations.

Send for special circular containing full table of contents of the above books.

MUNN & CO., 361 Broadway, New York.

Table listing various items and their prices, including electrical switches, typewriters, scales, cameras, and tools.

TRADE MARKS.

Table listing trade marks and their prices, including soda water, beer, and various industrial products.

LABELS.

Labels for various products, including Pepton beef and bread biscuit, and a printed copy of patent specifications.

NEPERA CHEMICAL COMPANY logo and advertisement for VELOX PAPER, a revolutionary photographic printing paper.

THE ANDERSON SHORTHAND TYPEWRITER advertisement, highlighting its speed and accuracy.

FAIRBANKS' INFALLIBLE COIN SCALE advertisement, describing its precision in weighing gold and silver.

N. Y. CAMERA EXCHANGE advertisement, offering services for buying, selling, and repairing cameras.

EAGLE Graphophone advertisement, featuring a large illustration of the device and its records.

PATENTS advertisement, offering legal services for patenting inventions and protecting intellectual property.

BRASS BAND advertisement, providing information about instruments, uniforms, and equipment.

Good to the End... Standard Pittsburg Stogies advertisement, promoting high-quality cigars.

AGENCIES WANTED advertisement, seeking agents for various products and services.

THE "INDUSTRIAL" OXY-HYDROGEN COMPOUND JET advertisement, describing its use in photography and other applications.

SPECTACLES advertisement, offering various styles and prices for eyeglasses.

Experimental Pattern and Model Work, Optical, etc. advertisement, providing services for technical drawing and model making.

FILMS & MACHINES advertisement, offering a variety of photographic films and equipment.

Shorthand by Mail advertisement, offering instruction in shorthand writing.

NOVELTIES & PATENTED ARTICLES advertisement, showcasing a wide range of unique and patented items.

MODELS & GEARS advertisement, providing services for creating mechanical models and gears.

ICE MACHINES, Corlies Engines, Brewers' and Bottlers' Machinery advertisement, offering industrial equipment.

MODELS WE ASSIST INVENTORS advertisement, providing assistance in the patenting process.

EXPERIMENTAL WORK AND MODELS advertisement, offering services for experimental work and model construction.

STEEL STAMPS FOR MARKING TOOLS advertisement, providing precision-stamped tools.

Experimental & Model Work advertisement, providing services for experimental work and model construction.

STRONG CASTINGS, QUICK DELIVERY advertisement, offering high-quality castings.

MODERN PHOTOGRAVURE METHODS advertisement, providing services for modern photoengraving.

WOOD WORKERS advertisement, offering services for woodwork and carpentry.

WANTED advertisement, seeking a machinist for a specific task.

CARBORUNDUM advertisement, promoting the use of carborundum in various industrial applications.

WANTED advertisement, seeking a machinist for a specific task.

Preserve Your Papers advertisement, offering services for paper preservation.

The Mysteries That Befog Christians advertisement, offering religious and philosophical insights.

WANTED advertisement, seeking a machinist for a specific task.

WANTED advertisement, seeking a machinist for a specific task.

WANTED advertisement, seeking a machinist for a specific task.

WANTED advertisement, seeking a machinist for a specific task.

WANTED advertisement, seeking a machinist for a specific task.

WANTED advertisement, seeking a machinist for a specific task.

WANTED advertisement, seeking a machinist for a specific task.