

Hammer the Hammer
Accidental Discharge Impossible

Every owner of an Iver Johnson has a double feeling of safety—safety as to protection of life and property, and absolute safety as to accidental discharge; for there is but one way to discharge the

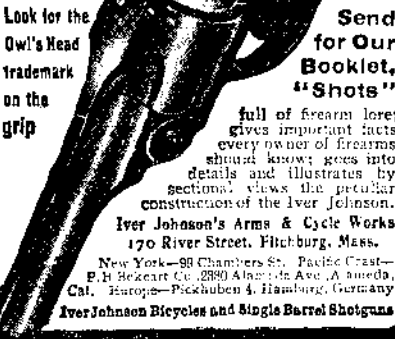
IVER JOHNSON
SAFETY
AUTOMATIC REVOLVER

and that is to pull the trigger. In addition to the safety features of the Iver Johnson is the knowledge of absolute reliability and accuracy and dependable quality.

Iver Johnson Safety Hammer Revolver
3-inch barrel, nickel-plated finish, 22 rim fire cartridge, 32-38 center fire cartridge - \$5.00

Iver Johnson Safety Hammerless Revolver
3-in. bbl., nickel-plated finish, 32-38 center fire cartridge - \$6.00

Sold by Hardware and Sporting Goods dealers everywhere, or will be sent prepaid on receipt of price if your dealer will not supply.



ELECTRIC LAUNCH MOTOR.—THE design in this paper is for a motor of unusual simplicity of construction, which can easily be built by an amateur at small cost. It is intended for a boat of about 24 feet over all and 4 feet 6 inches beam, drawing 18 inches, and is capable of propelling such craft at a speed of 7 miles per hour. Illustrated with 21 cuts. See Scientific American Supplement, No. 1202. Price 10 cents by mail, from this office and from all newsdealers.

THE Underwood ALTITUDE
A Height of Typewriter perfection
Imitated but never equalled.
UNDERWOOD TYPEWRITER CO.
241 Broadway
Branches: New York, London, Paris, etc.

60 YEARS' EXPERIENCE
PATENTS
TRADE MARKS
DESIGNS
COPYRIGHTS & C.
Anyone sending a sketch and description may quickly ascertain our opinion free whether an invention is probably patentable. Communications strictly confidential. HANDBOOK on Patents sent free. Oldest agency for securing patents. Patents taken through Munn & Co. receive special notice, without charge, in the
Scientific American.
A handsomely illustrated weekly. Largest circulation of any scientific journal. Terms, \$3 a year; four months, \$1. Sold by all newsdealers.
MUNN & Co. 361 Broadway, New York
Branch Office, 625 F St., Washington, D. C.

Table listing various goods and their prices, including shoes, silks, soap, soda, and various oils.

Table listing labels and prints, including 'Bison' for canned sugar corn, 'Flicker' for cigarettes, and 'Burnham's Jellycon' for jelly dessert.

COMFORT and health are destroyed and life endangered through breathing impure air, poisoned with smoke, dust and gases from old-fashioned top-feed furnaces and stoves. Besides absolutely guaranteeing to you the purest, cleanest and healthiest heat obtainable at any price, the
Peck-Williamson Underfeed Furnace
Will Save You 1-2 to 2-3 on Coal Bills
You get dividends in health as well as in dollars. Smoke, gases, soot and dirt cannot escape from the Underfeed. Entirely consumed by fire which burns on top, these waste elements in Top-feed are turned into heat units in our Underfeed.
An eminent physician, Dr. H. E. Ramsey, of Allegheny, Pa., gives the Underfeed a clean bill of health. He recently wrote us:
"I installed one of your Underfeed Furnaces last Fall. We haven't registers heating that many rooms. I purchased 300 bushels of slack at 6c, per bushel, and have 50 bushels left. I think the UNDERFEED is the best furnace on the market and very clean and economical. Two of my neighbors with their expensive hot water systems used four times the quantity of fuel I did in dollars and cents, and nearly always had a volume of smoke equal to a small rolling mill coming out of their chimneys. I like the Peck-Williamson UNDERFEED all right."
Mind you, this is only one of hundreds of testimonials. We'd like to send you a lot of them, with the illustrated UNDERFEED booklet, full of Furnace facts. Heating plans and services of our Engineering Department are yours—absolutely FREE. Write to-day. Please give name of local dealer with whom you prefer to deal.
THE PECK-WILLIAMSON CO., 351 W. Fifth St., CINCINNATI, OHIO.
Dealers are invited to Write for Our Attractive Autumn Proposition.

MAN WANTED

in the REAL ESTATE BUSINESS. No canvassing or soliciting required. Experience unnecessary if honest, ambitious, and willing to learn the business thoroughly by mail and become our local representative. Many make \$300 to \$500 monthly. Write at once for full particulars. Address either office.

NATIONAL CO-OPERATIVE REALTY CO.
Suite 74, 52 Dearborn St., or Suite 74, 1410 "H" St., Chicago, Ill. Washington, D. C.

YOUR PATENT

Carefully Developed May Be a Success! Development of ideas, experiments, models. Specialty, small machinery and fine instruments. Modern equipments. Technical office. REGISTERED PATENT MECHANICAL ELECTRICAL ENGINEERS AND MANUFACTURERS, 115 Court Street, Hoboken, N.J. Two minutes from D. L. & W. Depot.

ELECTRICAL APPARATUS REPRESENTED by Conventional Diagrams in Drawings.—Fifty diagrams showing the usual method of illustrating electrical apparatus in drawings. A labor saving paper. Contained in SUPPLEMENT 1106. Price 10 cents. For sale by Munn & Co. and all newsdealers.

Scientific Color Printing

We have added to our large printing establishment, and now have in successful operation, a most complete
Photographic Color Department
equipped with the largest cameras, best possible instruments and printing machinery for making
Fine Colored Reproductions
by our Photo-Color Process.
Paintings, Objects of Art, Rugs, Carpets, Commercial Designs, and articles of merchandise faithfully reproduced in all their natural colors, in any quantity.
Periodical Covers, Artistic Book and Catalogue work, Calendars are among our specialties.

The SPARRELL PRINT
265 CONGRESS STREET BOSTON

SPARK COILS

Their Construction Simply Explained
Scientific American Supplement 160 describes the making of a 1 1/4-inch spark coil and condenser.
Scientific American Supplement 1514 tells you how to make a coil for gas-engine ignition.
Scientific American Supplement 1522 explains fully the construction of a jump-spark coil and condenser for gas-engine ignition.
Scientific American Supplement 1124 describes the construction of a 6-inch spark coil.
Scientific American Supplement 1087 gives a full account of the making of an alternating current coil giving a 5-inch spark.
Scientific American Supplement 1527 describes a 4-inch spark coil and condenser.
Scientific American Supplement 1402 gives data for the construction of coils of a definite length of spark.
The above-mentioned set of seven papers will be supplied for 70 cents.
Any single copy will be mailed for 10 cts.
MUNN & COMPANY, Publishers
361 Broadway New York

WANTED.—Structural Steel Work Draftsmen and Assistant Structural Steel Work Draftsmen. Pay from \$3.52 to \$5.04 per diem. An examination will be held at the Navy Yard, Brooklyn, N. Y., September 12, 1906, for the purpose of establishing an eligible register for the above. For application and further information address Commandant, Navy Yard, Brooklyn, N. Y.

LET US BE YOUR FACTORY
WRITE FOR ESTIMATE ON ANY ARTICLE YOU WANT MANUFACTURED
STAMPINGS, MODELS, EXPER. WORK
WRITE FOR FREE BOOKLET
THE GLOBE MACHINE & STAMPING CO.
970 Hamilton St., Cleveland, O.

AUTOMOBILE INSURANCE
Every owner of an Auto should insure his car against loss or damage, whether in actual riding or in transit. We fully insure you against such loss or damage, however sustained. Premiums low. Full reliability.
H. W. BEALS, 76 William Street, New York

WE MAKE GOOD
models. We do experimental work, and do it good. We manufacture and sell electrical and mechanical apparatus at the correct prices. Agents wanted everywhere.
United Electrical Mfg. Co., 53 Vesey Street, New York.

Bad Water
DON'T DRINK—
Our Filters Purify, Deodorize, Decolorize. Booklet Free.
Burling Water Purifying Co.
68 Murray St., New York

SHOP ROOM TO LET
FULLY EQUIPPED MACHINE SHOP
S. A. NICHOLAS, 30 Greenwich Avenue

ICE MACHINES Corliss Engines, Brewers and Bottlers Machinery. THE VILTER MFG. CO. 88 Clinton St., Milwaukee, Wis.

MODELS & EXPERIMENTAL WORK. Inventions developed. Special Machinery
E. V. BAILLARD, 24 Frankfort Street, New York.

RUBBER Expert Manufacturers
Fine Jobbing Work
PARKER, STEARNS & CO., 228-229 South Street, New York

OLD GOLD, SILVER AND PLATINUM BOUGHT
Ship to us and we will remit cash immediately.
ASHER KLEINMAN, 250 8th Ave., N. Y. City, N. Y.

W. B. KNIGHT MACHINERY CO.
Mfrs. of Special Machinery and Tools
2019 to 2025 Lucas Ave., ST. LOUIS

MODEL'S CHICAGO MODEL WORKS
ESTABLISHED 1857
179 E. MADISON ST. CHICAGO, ILL.
WRITE FOR CATALOGUE OF MODEL SUPPLIES.

Model and Experimental Work. Years of experience. M. F. Schell, 1759 Union St., St. Francisco.

MODELS & GEARWORK INVENTIONS PERFECTED
UNION MODEL WORKS
193 So. CLARK ST. CHICAGO.

LINENOID. A MOLDED MATERIAL MADE OF PURE LINEN
CRANE BROS. MANUFACTURERS, WESTFIELD, MASS.

BE A WATCHMAKER
Send for our free book. How to be a Watchmaker. Stone School of Watchmaking, 504 Globe Bldg., St. Paul, Minn.

SETS OF CASTINGS OF
MODEL ENGINES
SEND 10¢ FOR 125 PAGE ILL. CATALOGUE
ALSO TOOLS,
GEAR WHEELS & PARTS OF MODELS
GODDOW & WIGHTMAN
Removed to 182 Milk Street.

ARE YOU SATISFIED
WITH YOUR PRESENT LOCATION?
Do you want to establish a plant in a field where conditions are more favorable? There are locations for factories of all kinds on the Lehigh Valley Railroad. It will pay you to investigate. Address or call on
P. H. BURNETT, Industrial Agent,
143 Liberty St., New York