

# A Popular

Every watch movement bearing the name ELGIN is the best movement of its kind made.

There are varying grades of ELGIN movements—the values of which are fixed by the number of jewels and the quality of materials used in construction.

The movement which meets the great demand for a popular-priced watch is the famous G. M. WHEELER movement, a name almost as great as ELGIN itself.

This movement can now be had in the popular sizes, for men's and boys' use, and in the models so much desired. Ask your dealer.

ELCIN NATIONAL WATCH CO., Elgin, III.

Let Us Arrange a Month's Test of "Prest O Lite"

for Your Automobile Pay Us Nothing If Not Satisfied



Simply write us a postal and say you want to try Prest-O-Lite, and we'll have one of our 400 stations put a tank on for you; connect it, and have your lights going in five minutes.

dr. Motorist, after a month's trial of the easy Prest-orm you'll wonder why you didn't have it on your car a system you'll wender why you wante have age.

age.

y it-prove it—it will not cost you a penny if it deem't cone you that it is invaluable. Look on any good car you see—
e will be a Prest-O-Lite tank on the running board. That's our
testimonial. est testimonial. Write us to-day—try it on your car.

The Prest-O-Lite Co. Dept. 77, 18-24 So. East St., Indianapolis, Ind.



## THE "LEADER."

11 H.P. Gasolene Auto-Marine Engine Built like a watch. Peautifully Finished. Accurately Constructed. Light, Strong, Reliable, and Noiseless in operation. Suitable for launches from 15 to 19 feet in length. Price complete, \$75 net, no discount. Theroughly guaranteed. Perfect Speed Control. Complete esscriptive Catalog upon application. Manufactured by

CLAUDE SINTZ, 292 S. Front St., Grand Rapids, Mich.



DESIGNS
COPYRIGHTS & C.
Anyone sending a sket ch and description nay utckly ascertain our opinion free whether an verention is probably patentable. Communications strictly confidential. HANDBOOK on Patents pat free. • deet agency for securing patents. ee. Oldest agency for securing patents.
its taken through Munn & Co. receive
notice, without charge, in the

handsomely illustrated weekly. Largest cir-ulation of any scientific journal. Terms, \$3 a ear: four months, \$1. Sold by all newsdealers. MUNN & CO. 361 Broadway, New York Branch Office. 625 F St., Washington, D. C.

Newspaper, weekly, National Tribune Co. 60,168

il, medicinal, C. D. Tilly 60,178

ils and lubricants, certain, Wm. C. Rebinson & Son Co. 60,120

Oiled waterproof garments, Maryland oiled Clothing Co. 60,020

Overalls, blouses, coats, vests, and trousers, 60,022

Overalls, blouses, coats, vests, and trousers, 60,022

Overcats and suits, Wm. H. Richardson Co. 60,022

Paper boxes for jewelry, Mermod, Jaccard & King Jewelry Co. 60,121

Paper carbon and chemical, E. Hassinger. 60,121

Paper, drawing and tracing, Technical Supply Co. 60,176

Paper manufactures, certain, Tengwall Co. 60,177

Paper manufactures, certain, Tengwall Co. 60,177

Paper manufactures, certain, Dameron-Pierson Co. 60,177

Paper manufactures, certain, Tengwall Co. 60,177

Paper manufactures, certain, Tengwall Co. 60,189

Paper, writing, H. Lindenmeyer & Sons. 60,164

Paste, adhesive, Colledin Manufacturing Co. 60,027

Pharmaceutical preparation, certain, F. A. Vogel 60,224

Pianos, Starr Piano Co. 60,224

Pianos, Starr Piano Co. 60,224

Pianos, mandolius, guitars, banjos, and violins, C. J. Heppe & Son. 60,234, 60,235

Pills, purgative, E. Demourgues 60,160

Plasters, porsus, Allocek Manufacturing Co. 61,83

Pocket books, Ritter Bros. 60,164

Porcelain, steneware, and earthenware, including jasper, Josiah Wedgwood & Sons 60,154

Powder, face, Charles A. Stevens & Bros. 60,159

Powder, face, Charles A. Stevens & Bros. 60,228

Precious metal ware, solid and plated, American Scala Fountain Co. 60,029

Preparation for the feet. W. L. Dodge 60,129

Powder, toilet, E. French 60,244

Preparation for the feet. W. L. Dodge 60,159

Previous metal ware, solid and plated, American Sola Fountain Co. 60,029

Preparation for the feet. W. L. Dodge 60,024

Prumps, water, F. E. Myers & Brother 60,100

Pruzzles, H. A. Weed 60,154 Razers, butcher, kitchen, and shee knives, Bisbun Mfg. Co.

Razers, knives, and steels, National Cutlery Co.

Remedy for barber's itch, eczema, seres, etc., Syvo Tina Co.

Remedy for barber's itch, eczema, seres, etc., Syvo Tina Co.

Remedy for heaves, A. Hercer Co., 175

Remedy for various diseases of poultry, H.

E. Turpin Co.

R. Donne Co. Co., 175

Remedy for various diseases of poultry, H.

E. Turpin Co., 175

Remedy for heaves, A. Hercer Co., 175

Remedy for various diseases of poultry, H.

E. Turpin Co., 175

Remedy for heaves, A. Hercer Co., 175

Remedy for heaves, A. Hercer Co., 175

Remedy for various diseases of poultry, H.

E. Turpin Co., 175

Remedy for heaves, A. Hercer Co., 175

Remedy for heaves, 175

Remedy for heaves LABELS.

Walker

Medicines as a preventive of appendicitis, W.
M. Reynolds

"Alaga," for syrup, Alabama-Georgia Syrup 

## PRINTS.

"Baren's Welsh Rabbit," for Welsh rabbit,
Samuel Baren Co.....
"Be a Chulee," for chewing gum, Meek
Company 

A printed copy of the specification and drawing of any patent in the foregoing list, or any patent in print issued since 1883, 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 Breadway, New York.

Canadian patents may now be obtained by the inventors for any of the inventions named in the foregoing list. For terms and further particulars address Munn & Co., 361 Broadway, New York.

# Only 1900 pounds Franklin Type D

1900 pounds moved by 20 Franklin horsepower:—There's speed and climbing energy.

1900 pounds, every ounce tested, calculated and treated, for fitness and endurance, as scientifically as a lapidary cuts a diamond. There's strength, handiness, safety.

1900 pounds:—There's cutting the usual fuel-cost and tire-cost in half.

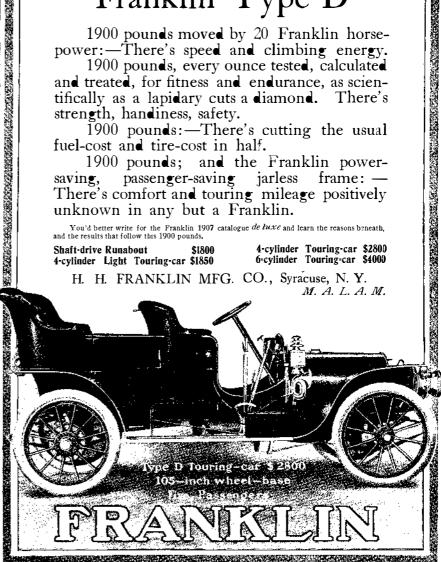
1900 pounds; and the Franklin powersaving, passenger-saving jarless frame: — There's comfort and touring mileage positively unknown in any but a Franklin.

You'd better write for the Franklin 1907 catalogue  $de\ luxe$  and learn the reasons beneath, and the results that follow this 1900 pounds,

Shaft-drive Runabout 4-cylinder Light Touring-car \$1850

4-cylinder Touring-car \$2800 6-cylinder Touring-car \$4000

H. H. FRANKLIN MFG. CO., Syracuse, N. Y.



BRASS CASTINGS of any composition and for any class of service Made to Order. Estimates furnished on brass, bronze, copper or aluminum specialty castings for all requirements. Correspondence solicited with manufacturers seeking high class brass foundry facilities.

THE HUMPHREYS MANUFACTURING CO. New York Office 6.6-638 W. 34th Street

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 Hamilton St., Cleveland, O.

and Bottlers' Machinery. THE VILTER MFG. CO. 599 Clinton St. Milwaukee. Wis.

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

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

MR. INVENTOR Send us your models or drawings for our lowest prices. We can develop, perfect or manufacture your invention. MONARCH TOOL CO., 128 Opera Place, Cincinnati, O.

We manufacture METAL SPE-CIALTIES of all kinds, to order: largest equipment: lowest pric-es. Send sample or model for low estimate and best expert advice FREE THE EAGLE TOOL CO., Dept. A, Cincinnati, O.

Dies, Tools, Models and Special Mackinery.

Experimental & Model Work

MODELS CHICAGO MODEL WORKS

DRYING MACHINES. For Sand, Plays. Migrays. Wood Purp. Fertilizers, Chemicals, Ores, Grazal Silica and Mica and other Granulated Materials. S. E. WORRELL, HANNIBAL, MO. THE SCHWERDTLE STAMP CO. STEEL STAMPS, LETTERS & FIGURES BRIDGEPORT CONN.

GEO. M. MAYER, 1131 MONADNOCK, CHICAGO WORKING DRAWINGS

Specialties & Patents Boughtand Sold

EMENT BOOKS. How to Use Portland Cement Struction, 50c.; Reinforced Concrete Construction, \$2.50; Hellow Concrete Back Building Construction, \$2.50; Hellow Concrete Back Building Construction, \$2.50 EMENT AND ENGINEERING NEWS, Chicago, III.

High Grade Brass Manufacturers
BRASS CASTINGS of any composition and for direct from teams. Saves handling at less expense. Manfd, by VOLNEY W. MASON & CO., Inc. Providence, R. I., U. S. A.

NOVELTIES & PATENTED ARTICLES MANUFACTURED BY CONTRACT. PUNCHING DIES, SPECIAL MACHINERY. E. KONIGSLOW, STAMPING & TOOL WORKS, CLEVE LAND, Q.

Magical Apparatus.

Grand Book Catalogue. •ver 700 engravings

25c. Parlor Tricks Catalogue, free. MARTINKA & CO., Mfrs., 493 Sixth Ave., New York.



### PALMER Gasoline Motors MARINE AND STATIONARY.

Over 20 sizes. 1½ to 25 H.P. One, two and four cylinder. Two and four cycle. Jump and snap spark. 25,000 engines running. Catalogue free.

PALMER BROS., Cos Cob. Cont.

ELECTRO MOTOR. SIMPLE, HOW TO make.—By G. M. Hopkins. Description of a small electric motor devised and constructed with a view to assisting amateurs to nake a motor which might be driven with advantage by a current derived from a battery, and which would have sufficient power to operate a foot lathe or any machine requiring not over one man power. With II figures. Contained in SCIENTIFIC AMERICAN SUPPLEMENT, No. 641. Price II cents. To be had at this office and from all newsdealers.

Are you interested in Patents, Model or Experimental work? Our booklet entitled

WHAT WE DO—HOW WE DO IT
will be sent to you on request.
KNICKERBOCKER MACHINE WORKS, Inc.,
8-10-12 Jones Street, New York.



LEARN PLUMBING A few months' instruction at our school under the supervision of expert plumbers will enable you to earn regular plumber's wages. We have a special department to aid our students in securing a position after graduating. Write to-day for FREE ILJUSTRATED CATALOGUE. ST. LOUIS TRADE SCHOOL, 3972 Olive Street, St. Louis, Mo.

# EARN WATCHMAKING

We teach it thoroughly in as many months as it formerly took years. Does away with tedious apprenticeship. Money earned while studying. Positions se-

Learned by any Man or Boy at home. Small cost. Send to-day 2-cent stamp for particulars and proof.

A. Smith, Reem 215, 2040 Knoxville Ave., Peoria, Ill.