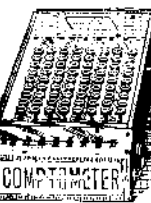




THE WINTON MOTOR CAR CO., Cleveland, U.S.A.

## Temple-Clasps

**IF YOU VALUE YOUR EYES**  
you should wear the **BRIGGS IMPROVED TEMPLE CLASPS** glasses that Don't Pinch the Nose, Don't Pull the Ears, Don't Make your Head Ache, and Don't Fall Off, as other glasses do. They are the only glasses that always rest the eyes as they enable you to look through the center always.  
Everybody who wears glasses or has eye weakness needs our **BOOK on EYE LOGIC. It's FREE.** Write for it.  
**BRIGGS OPTICAL COMPANY,**  
344 D.C. Triangle Building, Rochester, N. Y.



**ALL ARITHMETICAL PROBLEMS** solved rapidly and accurately by the **COMPTOMETER**. Saves 60 per cent of time and entirely relieves mental and nervous strain. Adapted to all commercial and scientific computation. Why don't you get one? Write for pamphlet.  
**FELT & TARRANT MFG. CO.**  
52-55 ILLINOIS ST., CHICAGO.

**Non-Smut CARBON PAPER**  
Send Us One Dollar and we will send you 12 sheets of our Famous Non-Smut Carbon Paper (regular price 50c.) and one of our Standard Ribbon—\$1.50 in value for \$1.00. Non-Smut Carbon Paper is made of gelatinized ink, therefore will not smut copy or fingers. It lasts longer, manifests clearer, and makes more copies than any other paper made. Non-Smut Ribbons wear longer, print better, don't fill the type and are cleaner. Sold by up-to-date dealers. Money back if wanted. Write for samples and illustrated book, "Steel-Is the Stenographer," sent on request.  
**Non-Smut Carbon & Ribbon Co.,** Makers of Carbon Paper and Ribbons of all kinds, 114 Main St., Rochester, N. Y.

**Gas Engine IGNITER**  
Complete with spark coil. \$12.00. The Best Thing on the market. Latest and most improved model.  
Send for Circular.  
**Carlisle & Finch Co.,** 233 E. Clifton Av., Cincinnati, O.

**STIMULATION without IRRITATION**  
Means New Life to the Scalp.  
The **EVANS VACUUM CAP** gives the scalp a proper massage and encourages a free circulation of blood without rubbing or irritating the scalp. It will keep the scalp cool and moist and prevent itching and dandruff. The cap is used about ten minutes twice a day. The effects are pleasant and very refreshing. Write for circular, your name in full and address. Send no money.  
**EVANS VACUUM CAP CO.,** 375 Madison Ave., New York City.  
NOTE: The cap is not a hat. It is a cap and will give a sufficient number of demonstrations free to satisfy them as to the merit of this appliance.

**Microscopes**  
Our Microscopes, Microtomes, Laboratory Glassware, Chemical Apparatus, Chemicals, Photo Lenses and Shutters, Field Glasses, Projection Apparatus, Photo-Micro Cameras are used by the leading Laboratories and Government Departments Round the World.  
Catalogs free.  
**BAUSCH & LOMB OPT. CO.**  
ROCHESTER, N. Y.

**MAGIC LANTERNS**  
**PAY BIG**  
Exhibitions with Magic Lantern, Stereopticon or Moving Picture Machine make money. We will tell you how. Catalogue free. Send for illustrated catalogue free. Magic Lanterns for Home Amusement.  
**MFG. OPTICIAN,**  
McAllister, 49 Nassau St., New York.

# W. L. DOUGLAS

## \$3.50 SHOES WORTH \$5.00

The Leading Styles Originate in Brockton, the Manufacturing Center of Men's Fine Shoes in this Country. Styles Originated by My Expert Model Maker Are Copied Everywhere.  
W. L. Douglas \$3.50 shoes have by their excellent style, easy-fitting and superior wearing qualities, achieved the largest sale of any \$3.50 shoe in the world. They are just as good as those that cost you \$5 to \$7—the only difference is the price. If I could take you into my factory at Brockton, Mass., the largest in the world under one roof making men's fine shoes, and show you the infinite care with which every pair of Douglas shoes is made, you would realize why W. L. Douglas \$3.50 shoes are the best shoes produced anywhere.  
If I could show you the difference between the shoes made in my factory and those of other makers, you would understand why Douglas \$3.50 shoes cost more to make, why they hold their shape, fit better, wear longer, and are of greater intrinsic value than any other \$3.50 shoe on the market today.  
**W. L. Douglas High-Grade Boys' Shoes, \$2.00 and \$1.75.**  
Douglas uses Corona Coltskin in his \$3.50 shoes. Corona Colt is conceded everywhere to be the finest patent leather yet produced.  
Fast Color Eyelets Used Exclusively.  
**W. L. DOUGLAS, 157 SPARK STREET, BROCKTON, MASSACHUSETTS.**

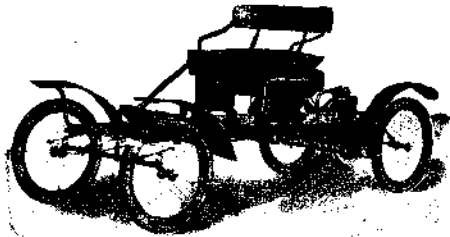
## Have Your Own Electric Light Plant

Our electric light outfits are complete in every detail, ready to set up and use either in **Yachts, Summer Homes, Isolated Situations, or Anywhere.** Same engine can be used to furnish power for other purposes as well. They are practical and so simple that no electrician is required to run them. For interesting booklet showing all sizes, address

**ELECTRIC DEPARTMENT**  
**RICHARDSON ENGINEERING CO., Hartford, Ct.**

**Locomobile**  
Two-Cylinder and Four-Cylinder Touring Cars  
The Locomobile Co. of America, Bridgeport, Conn.  
Member A. L. A. M.  
Prices from \$2 000 upwards

## Orient Buckboard



Model of 1904. With TWO SPEED. Price \$425.  
Write for Catalogue.  
**WALTHAM MFG. CO., Waltham, Mass.**

**GARDNER GRINDER** FOR FLAT SURFACES  
GRINDING, ACCURATE, RAPID  
CHESLEY & Co. CHICAGO-ILL-USA  
15 to 21 Clinton Street.

**SPINTHARISCOPE**  
Sir Wm. Crookes' invention for showing the marvelous properties of **RADIUM**. Also Spinthariscopes for viewing the phenomena with any microscope. Each instrument is complete with particle of radium of 300,000 activity, and fluorescent screen.  
**R1. Spinthariscopes Slide, post paid, \$7.50**  
**R2. Complete Spinthariscopes, post paid, 9.00**  
Also Radium from 7,000 to 300,000 activity for experimental and medical purposes in protected metal tubes.  
**WILLIAMS, BROWN & EARLE,**  
Dept. 6, 918 Chestnut St., Philadelphia, Pa.

**A BRAKELESS BICYCLE**  
is like  
**A RUDDERLESS SHIP**  
The first and only reliable coaster brake ever made. Hundreds of thousands in successful operation. They are absolutely dependable and wear well. Write today for free catalogue.  
**ECLIPSE MANUFACTURING CO., Elmira, N. Y.**

**Especial Quality in Steel Castings.** "SEABOARD" STEEL CASTINGS show physical qualities equal to the finest forgings. Our raw material is most carefully selected and our PRODUCT fills the highest requirements. OPEN HEARTH STEEL CASTINGS, for locomotive, shipbuilding, electrical, pump and general machinery purposes. Subject to U. S. Government, Lloyd's, Railroad and other specifications.  
**SEABOARD STEEL CASTING CO., Chester, Pa.**

**You Can't Afford to Use Whitewash**  
on your factory walls or elsewhere, because  
**STAY-THERE PAINT IS CHEAPER**  
costs only six cents per gallon, ready to use, is fireproof, washable and sanitary, reduces light bills one-half. Will prove these statements if you'll ask us or your dealer.  
**THE HOOK-HARDIE CO.** 11-27 Hook Building, Hudson, Mich.

**EASIER TO ROW** **ABSOLUTELY SAFE**  
Write to-day for free catalogue  
**Mullins Galvanized Steel Pleasure Boats**  
Price 15 ft. boat erected \$29.00  
Made of steel. Practically indestructible. Air chamber each end. Cannot sink. Cannot leak. Requires no caulking. Ideal boat for family use, summer resorts, parties. Guaranteed. Especially valuable at summer resorts for family boating.  
**W. H. MULLINS, 384 Depot St., SALEM, OHIO**

**COLD GALVANIZING.**  
AMERICAN PROCESS. NO ROYALTIES.  
SAMPLES AND INFORMATION ON APPLICATION.  
**NICKEL**  
AND  
**Electro-Plating**  
Apparatus and Material.  
THE  
**Hanson & VanWinkle Co.,**  
Newark, N. J.,  
92 William St., N. Y.  
30 & 32 S. Canal St. Chicago.

**Pope Manufacturing Co.**  
**Famous Chainless Bicycles**  
Equipped with two-speed gear, coaster brake, and cushion frame  
**All Standard Chain Models**  
Eastern Dept.  
Hartford Conn.  
Columbia  
Tribune  
Cleveland  
Crawford  
Western Dept.  
Chicago Ill.  
Crescent  
Monarch  
Rambler  
Imperial  
Catalogues free at our 10,000 dealers' stores, or any one Catalogue mailed on receipt of a two-cent stamp.

**Telescopes**  
We supply equatorially mounted **Astronomical Telescopes** for amateur purposes. Our **OBJECTIVES** are absolutely guaranteed to be optically perfect.  
**GUNDLACH-MANHATTAN OPT. CO., Rochester, N. Y.**

**50 Years' Experience**  
**PATENTS**  
Trade Marks, Designs, Copyrights, Etc.  
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.

**NEW ENGLAND WATCHES**  
**The JOCKEY**  
Eight Size Watch. Nickel Silver. Non-magnetic, suitable for every climate. Picture Dials, assorted or regular Arabic and Roman. All sizes and styles of watches for export.  
**The New England Watch Co.**  
NEW YORK OFFICE: 37 & 39 Maiden Lane LONDON OFFICE: 7 Snow Hill

**PRESIDENT SUSPENDERS** Comfort and service. Guaranteed—"All breaks made good." 50c and \$1.00. Any shop or by mail. **C. A. EDGARTON MFG. CO., Box 222, Shirley, Mass.**