48,530

48,520

48,533

Motor Supplies

OF ALL KINDS ALL LEADING LINES CARRIED OUR SPECIALTIES

Clean Stock Latest Styles Prompt Shipments No Substitutions Right Prices

Those interested in-Motor Cars Motor Boats Motor Cycles
-should have Our Catalog It is Complete and Attractive and Will Save You Money

THE BECKLEY-RALSTON CO. 86, 88 and 9D Michigan Ave., CHICAGO



THE PRICE PYROMETER

has revolutionized all methods of
pyrometry. This instrument is
the most efficient and reliable
ever invented for the purpose,
indicating temperatures as high
as 800 to 3000 Fahr. Attractive,
manufacturers guarantee to
keep it in order for one year.
Writz for particulars and prices. LECTRIC DENTAL SPECIALTY CO. 2241 Enclid Ave., Cleveland, O.





and Diagrams. Will work up to I mile. Unprecedented introduction prices. Agents Wanted. Historia Cooplific.
ELECTRO IMPORTING CO., 32 Park Place. New York



THE HANNA MFG. CO. **Engineering Instruments**

> 382 River Street, Troy, N. Y. Illustrated Catalogue on Application

WEBSTER'S NTERNATIONAL DICTIONARY



IT IS UP TO DATE RELIABLE

RECENTLY ENLARGED WITH

25,000 New Words and Phrases ALSO ADDED

New Gazetteer of the World New Biographical Dictionary Editor in Chief, W. T. Harris, Ph.D., I.L.D., United States Commissioner of Education. 2380 Quarto Pages. 5000 Illustrations.

IT IS A PACKED STOREHOUSE OF ACCURATE INFORMATION GRAND PRIZE (Highest Award) WORLD'S FAIR ST.LOUIS.

Also Webster's Collegiate Dictionary 1116 Pages. 1400 Illustrations. Regular Edition 7x10x2% inches. 3 bindings. De Luxe Edition 534 x 856 x 1 1/2 in. Printed from same plates, on bible paper. 2 beautiful bindings.

FREE, "Dictionary Wrinkles," also Illustrated pamphle G. & C. MERRIAM CO. Publishers, Springfield, Mass., U. S. A. GET THE BEST

YEARS' 60 EXPERIENCE

DESIGNS COPYRIGHTS &C.

tch and description may pinion free whether an itentable. Communica-HANDBOOK on Patents for security

Scientific American.

illustrated weekly. Largest cir-y scientific journal. Terms, \$3 a nths, \$1. Sold by all newsdealers. MUNN & CO. 361Broadway, New York Branch Office. 626 F St., Washington, D. C.

Mustard, C. Gulden

Mustard and spices, Tone Bros.

Olives, C. Gulden

Overalls, bleuses, ceats, vests, and trousers,
Oshkosh Clething Manufacturing Co.

Overceats, ceats, vests and trousers, men's
and children's. Myers & Andrews.

Paint, acid, heat, water, and weather proof
and wood and metal preservative, Hydro-Carbon Manufacturing Co.

Paper beard and envelops or receptacles
made therefrom, Thompson & Morris

Co.

Pens, C. Howard Hunt Pen Co.

Perfume Co.

Pills and tablets for diseases of the blood,
liver, stemach, bowels, kidneys, and
nerves, C. F. York.

Printing machines, rotary type, American
Multigraph Co.

Remedies for certain named diseases, Radio-Sulpho Co.

Remedies for diseases of the threat, lungs,
and brenchial ergans, H. Stringer.

Remedy and tonic, headache, G. C. Holden
Rubber overshees, Adams and Ford Co.

Salve and eintment, E. J. Koernlein.

Sardines and like fish, Wells, Stone & Co.

Saving machines, A. G. Masen

Sheer and scissers, Graef & Schmidt.

Shees dressing, Gee, E. Keith Co.

Shimp, packed, Barataria Canning Co.

Silver plated flat ware, hollow ware, and
tableware. W. A. Rogers.

Soap, F. T. Hopkins

Co. C. C.

Sardines, F. T. Hopkins

Soap, Lundry and tollet, F. G. Burke.

Kien Levi
Many, Blanc & Co.
A. Myers
Nelson Distilling Co.
Old Tonic Distillery Co.
Oregon Importing Co.
C. H. Ross & Co.
F. Schueler
J. Spengler Whisky, F. Schueler
Whisky, J. Spengler
Whisky, Strauss, Pritz & Co.
Whisky, Albert M. Gugenheim Co.
Whisky, D. Kelly Co.
Whisky, J. W. Evenden Co.
Whisky, Standard Distilling Co.
Whisky, Ullman Einstein Co.
Whisky, William Werder & Son Co.
Whisky, William Werder & Son Co.
Whisky, Weideman-Fries Co.
Whisky, H. Weil & Sons
Whiskies, rye and Bourdon, P. Jones & Co.

LABELS.

"Abdulla & Co., Ltd.," for cigarettes and cigarette tobacco, Abdulla & Co. . . . "Fig yeast," for yeast, F. Wedchase. . "Meunt Harrison Brand," for oranges, F. L. Sewall "Mystic Creum," for a tollet preparation, Ogden and Shimer "Pride of Kentucky," for bleached cotton, J. M. Robinson, Nerton & Co. . . . "Snow-white Towel Duplex Weave," for towels, R. Wise 12,590 12,591

"A Toast," for shoes, Brown Shoe Co.

"A Wiscensin Deer Hunt. The return—
Two Bucks," for beer, Meek Company.

"Argo Salmen—Delicious Baked," for salmen, Alaska Packers Association.

"Argo Salmon—Salmon Chowder," for salmon, Alaska Packers Association.

"Argo Salmon—Salmon Fritters," for salmon, Alaska Packers Association.

"Arge Salmen—Stuffed Eggs," for salmen, Alaska Packers Association.

"Attention Boys and Girls," for shoes, Brown Shoe Co.

"Buster Brown Blue Ribben Book," for shees, Brewn Shoe Co.

"Buster Brown Heart," for shoes, Brown Shoe Co.

"Jane and I," for shoes, Brown Shoe Co.

"Little Indians Snew and Crew," for shoes, Brown Shoe Co.

"Little Jukkie Horner," for shoes, Brown Shoe Co. PRINTS. 1,539 1,53● 1,533 1,535 1,532 1.534 1.537 1,547 1.544 1,543 Brown Shee Co. . ttle Jakkie Herner Shee Ce.
'100 Yard Pash,' for shees, Brown Shee Co
'Punjap'' for a game, Blenchard & Ce.
Sammie so Haughty,'' for shees, Brown
Shee Ce. 1,548 1,549 1.542 'Infallible' Powder for Field Trap," for powder, E. I. Du Pont Co. e Cowboy's Delight," for whisky, Meek 1.550 "The Praise of Buster Brown Blue Ribbon Shoes," for shoes, Brown Shee Co....
"The Return of Jakkie Hørner," for shoes, Brown Shee Co.
"Under the Evening Light," for ale, Meek 1,545

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 begiven. Address Munn & Co., 381 Broadway, New York.

1,529

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.

7th Year of Success. THE "SUN" OUTSHINES THEM ALL. Makes its own gas. No greasy wicks; no smoky chimneys; no odor; no bother

INCANDESCENT HYDRO-CARBON LAMP The Stor rules. Branch supply depots in all larger cities. Liberal commission to assurance under SUN VAPOR LIGHT CO. BOX 939, CANTON, OHIO.

Licensee of the Campbell patent.

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.

Men and boys wanted to learn PLUMBING TRADE pays \$5 a day after completing course of practical instruction at home or in our schools. Graduates admitted to Union and Master Plumbers Association. Positions secured. COYNE BROS. CO. PLUMBING SCHOOLS, 283 Tenth Avenue, New York. Chicago, Ills., cincinnati, O, St. Louis, Mo. Free catalog.

and Bottlers Machinery. THE VILTER MFG. CO. 899 Clinton St., Milwaukee, Wis.

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

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

EXPERIMENTAL MORK Scientifically and accurately executed. Models and small machinery perfected. STENDICKE & VOLKMER, 61 Fulton Street.

Experimental Work. Designs for Automatic Machinery, G. M. MAYER, M.E., 1131 Monadnock Bl., Chicago, Ill.

DRYING MACHINES. S. E. WORRELL Hannibal, Mo.

DIAMOND TOOLS For Mechanical Purposes.
John Wennstrom's Sons Co., 3564lst St., Brooklyn, N.Y.

MODELS dies, boxes, metal stampings, extent articles on asymmetrics, manufactured and sold Printing on asymmetry. P. S. Novelty Co., LHy Dale, N. Y.



MODELS AND EXPERIMENTAL WORK hine Works, 19 & SI Washington St., Brooklyn, N. Y.

Experimental & Model Work

INVENTORS.—Our specialty is practically developing inventions. Design and build special, plain and automatic machinery, presses, dies, models, patterns and jigs. Send for Booklet No. 5.

A. NACKE & SON, 236-42 S. 9th St., Philadelphia, Pa.

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

Telegraphy automatic teacher. 5 styles automatic teacher. 5 styles app. 0 MNIGRAPH CO., Dept. 52, 89 Cort. 1 and 8t., New York.



A MONEY MAKER Hollow Concrete Building Blocks, Best, Fastest. Simplest, Cheapest Machine. Fully guaranteed. THE PETTYJOHN CO. 615 N. 6th Street, Terre Haute, Ind

GOVERNMENT POSITIONS

were made to Civil Service places during the past year. Excellent opportunities for young people. Each year ex instruct by mail hundreds of persons who pass these examinations and receive appointments to life positions at \$80 to \$1200 a year. There is a great demand for Patent Office eligibles. Write for our Civil Service Announcement, containing dates, places for holding examinations, and questions recently used by the Civil Service Commission.

COLUMBIAN CORRESPONDENCE COLLEGE, - Washington, D. C.

Electric Supplies and Novelties Catalog of 20 pp. free. If it's Elec-OHIO ELECTRIC WORKS, Cleveland, O.
The World's Headquarters for Electric Novelties, Supplies, Books. We Undersell All. Want Arents.

AUTO STORAGE BATTERIES ALL KINDS THE WILLARD STORAGE BATTERY CO. CLEVELAND.

AGENTS

wanted to sell patented improvement for Oliver Type-writers. 100,000 machines in use. Big chance for hust-lers. Sample \$1. Sells for \$3. Order and start at once. APPLIANCE MEG. CO., 112 N. 4th St., St. Louis, Mo-

WANTED.—Master Machinist, \$6 00 per diem, Naval Station, New Orleans, La. A competitive ex-amination will be held for the above position at the Navy Yard, Brooklyn, N. Y. January 10, 1908. For fur-ther information apply to Commandant, Navy Yard, Brooklyn, N. Y.

We teach it thoroughly in as many months as it formerly took years. Does away with tedious apprenticeship. Money earned while studying. Positions secured. Easy terms. Send for catalog. ST. LOUIS WATCHMAKING SCHOOL, St. Louis, Mo.

Magical Apparatus.

Grand Block Catalogue. Over 760 engravious 25c. Parlot Tricks Catalogue, free.
MARTINKA & CO., Mfrs., 458 Sixth Ave., New York.

MASON'S NEW PAT. WHIP HOIST for Outrigger hoists. Faster than Elevators, and hoists direct from teams. Saves handling at less expense. Manfd. by VOLNEY W. MASON & CO., Inc. Providence, R. I., U. S. A.



WE MANUAL SPECIALTIES of all kinds to order largest equipment; lowest prices, Sund sample or FREE THE EAGLE TOOL CO., Pept. A. Cincinnatt, C.

INDUSTRIAL OPPORTUNITIES

ON THE

CHICAGO & NORTH-WESTERN RAILWAY

The rapidly growing cities and the splendid resources of the territory reached by The North-Western Line combine many of the essentials to industrial success. Fine water-power locations that may be supplemented by electrical energy developed therefrom, forests furnishing material for all kinds of woodworking concerns, iron and coal for foundries and machine shops, and rich natural deposits of material for cement, pottery, brick and tile, with an ample supply of a good class of labor. The complete service of The North-Western Line af-

growing markets.

The Industrial Department of the Chicago & North-Western Ry. will furnish reliable information regarding desirable locations along The North-Western Line for new manufacturing enterprises.

The work of this department affords a timesaving convenience to manufacturers seeking new locations or desiring to establish branch establishments, and information will be promptly furnished upon application.

> GEORGE BONNELL, Industrial Agent Chicago & North-Western Ry., 215 Jackson Boulevard, Chicago.

THE PIONEER LINE WEST AND NORTHWEST OF CHICAGO.