HENRY CAREY BAIRD & CO.
Industrial Publishers, Booksellers and Importers
810 Walnut St., Philadelphia, Pa., U.S.A.

...... NEW YORK SCHOOL OF AUTOMOBILE ENGINEERS

146 West 56th Street, New York City

insurance on the life of each member for the benefit of the survivors. Is your credit thus buttressed?

PENN MUTUAL LIFE **PHILADELPHIA**

"A great deal in a little space."-The Press.

"THE

FOUR-TRACK

SERIES"

This is the title of a series of books of travel and education issued by the Passenger Department of the

NEW YORK CENTRAL LINES These small books are filled with in-

formation regarding the best modes of travel and the education that can best be obtained by travel.

They relate specifically to the great resorts of America—to trips to the islands of the sea and around the

They also contain numerous illustrations and new and accurate maps of the country described.

A copy of the 52-page Illustrated Catalogue of the "Four-Track Series" will be sent free, upon receipt of postage stamp by George H. Daniels, General Passenger Agent, New York Central & Hudson River Railroad, Grand Cen-tral Station, New York.



Anyone sending a sketch and description may quickly ascertain our opinion free whether an invention is probably patentable. Communications strictly conddential. HANDBOOK on Patents sent free. Oldest agency for securing patents. Patents taken through Munn & Co. receive special notice, without charge, in the

A handsomely illustrated weekly. Largest cir-culation 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.

Some Leading Technical Books

Recently Published

Bersch.—Cellulose Cellulose Products and Artificial Rubber. 41 engs. 367 pages.

Brannt.—A Practical Treatise on Distillation and Rectification of Alcohol. 105 engs. 460 pages.

Brannt.—Wahl.—The Techno-Chemical Receipt Book. 78 engs. 480 pages.

Dawidowsky-Bannt.—Glue, Gelatine, Animal Charcoal, Phosonorus, Cements, Pastes and Mudlages. 68 engs. 27 pages.

Ern:—Brown.—Mineralogy Simples. 400 pages.

Langes, full beather, gib. edges.

MAUCHLINE.—The Mine Foreman's Handbook of Practical and Theoretical Information on the Opening, ventilating and Working of Collieries.

MAUCHLINE.—The Mine Foreman's Handbook of Practical and Theoretical Information on the Opening, ventilating and Working of Collieries.

New edition. 13 engs. 375 pages.

Co. 47,041

Seales, McDonald Brothers Pitiess Scale Co. 47,042

Scales, McDonald Brothers Pitiess Scale Co. 47,042

Seales, McDonald Brothers Pitiess Scale Co. 47,042

Seales, McDonald Brothers Pities Scale Co. 47,042

Scales, McDonald Brothers Blancher Fitherson, 605

Scales Tobacco extracts, Kentucky Tobacco Product
Co. 47,058
Valves, faucets, cocks, and hydrants, Patterson, Gottfried & Hunter, Ltd. 47,121
Varnish, Mayer & Loewenstein. 47,078
Varnishes and japans, Mayer & Loewenstein. 47,077
Wafers, cream, G. L. Jacquin. 47,039
Wagons, farm, Linstroth Wagon Co. 47,120
Washing machines, Voss Brothers Manufacturing Co. 47,057
Watches, Hampden Watch Co. 47,057
Watches, Hampden Watch Co. 47,057
Watches and watch parts, Hampden Watch
Co. 47,055 A HIGH GRADE SCHOOL OF INSTRUCTION FOR CHAUFFEURS AND AUTOMOBILE OWNERS Day and evening classes. Nowenrolling students Write, call or phone for particulars. Tel. Columbus 4314 Whisky, Franc. Heyn & Co. 47,059 Whisky, Sig. & Sol. H. Freiberg 47,068 Whisky, I. Douelas Co. 47,076 Whisky, I. Douelas Co. 47,076 Whisky, I. Trager Co. 47,088 Whisky, I. Douelas Co. 47,088 Whisky, I. Trager Co. 47,088 Whisky, I. Trager Co. 47,088 Whisky, I. Trager Co. 47,088 Whisky, Freiberg, Meyer & Co. 47,091 Whisky, Freiberg, Meyer & Co. 47,103 Whisky, James Olwell & Co. 47,103 Whisky, James Olwell & Co. 47,109 Whisky, James Olwell & Co. 47,113 Whisky, A. A. Wolf & Co. 47,132 Whisky, N. M. Uri Wine, L. Rosenzweig 47,082 Wine. Wm. Hoelscher & Co., Inc. 47,131 Woolen piece goods, F. Almy 47,032

Williams 12,403

Williams 12,403

White Seal," for whisky, F. E. Siegel 12,408

Wooten's Menthol Cough Drops," for cough drops, F. W. Wooten 12,399

PRINTS.

"Humphrey's Magic Stomach Pad," for a stomach pad, Humphrey & Deuel ... 1,438
"It Always Fills the Bill," for cake, H. K. Nield ... 1,460
"Lace Ruche," for millinery and hats, Gage Brothers & Co. ... 1,453
"Lace Trimmed," for millinery and hats, I,443
"Lotos Export," for beer, Adam Scheidt Brewing Co. ... 1,455
"Malt Nutrine," for malt extract, Anheuser-Busch Brewing Assn ... 1,454
"Peary at the Pole Discovered at Last, and It's Wiedemann's," for beer, Geo. Wiedemann Brewing Co. ... 1,458
"Picture Hat," for millinery and hats, Gage Brothers & Co. ... 1,441
"Ribbon Trimmed," for millinery and hats, I,446
"Roulette Cards," for a game, A. K. Ferris 1,437
"Satin Top," for millinery and hats, Gage Brothers & Co. ... 1,440
"Silk Pleatings," for millinery and hats, Gage Brothers & Co. ... 1,452
"Skating Toque," for millinery and hats, Gage Brothers & Co. ... 1,442
"Tailored Coquette," for millinery and hats, Gage Brothers & Co. ... 1,442
"Tailored Shape." for millinery and hats, I,450
"The Atlanta Spirit," for whisky, Gray Lithograph Co. ... 1,459
"Brothers & Co. ... 1,449
"The Atlanta Spirit," for whisky, Gray Lithograph Co. ... 1,445
"The Atlanta Spirit," for whisky, Gray Lithograph Co. ... 1,445
"The Atlanta Spirit," for whisky, Gray Lithograph Co. ... 1,445
"The Atlanta Spirit," for whisky, Gray Lithograph Co. ... 1,445
"The Atlanta Spirit," for whisky, Gray Lithograph Co. ... 1,445
"The Atlanta Spirit," for whisky, Gray Lithograph Co. ... 1,445
"The Atlanta Spirit," for whisky, Gray Lithograph Co. ... 1,445
"The Atlanta Spirit," for shisky, Gray Lithograph Co. ... 1,445
"The Atlanta Spirit," for shisky, Gray Lithograph Co. ... 1,445
"The Atlanta Spirit," for shisky, Gray Lithograph Co. ... 1,445
"The Atlanta Spirit," for shisky, Gray Lithograph Co. ... 1,445
"The Atlanta Spirit," for shisky, Gray Lithograph Co. ... 1,445
"The Atlanta Spirit," for shisky, Gray Lithograph Co. ... 1,445

A printed copy of the specification and drawing of any patent in the foregoing list, or any patent in print issued since 1863, 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 Broadway, 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.

"The Densmore Does More"

Back Space Key Saves 1/4 The Time

POINTS of SUPERIORITY

Line-writer and pointer find the place Speed escapement-

Fast work, no "piling up Justifier - To rewrite

a word instead of a whole page

Agents desired to deal directly with the factory



POINTS of SUPERIORITY

Heavy manifolder-Clear carbon copies Instantly inter-

changeable platens Ball-bearings give easy action and reduce friction

MAIN OFFICE: 346 Broadway New York, U.S.A.

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.

PLUMBING SCHOOLS.

Men and mays wanted to earn SMI a day, after two
months' instruction. Position guaranteed. COYNE
BROS. OO. PLUMBING SCHOOLS, 39 Tenth Avenue,
New York. Cincinnati. O., St. Louis, Mo. Free catalog.

Corliss Engines, Brewers' Machinery, THE VILTER Machinery, THE VILTER Machinery, 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 & SUTTON, 228-229 South St., New York

MODELS dies, boxes, metal stampings, patril articing on aluminum. U. S. Novalty Co., Lily Dale, N. Y.

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

WORKING and PATENT DRAWINGS. G. M. MAYER, M.E., 1131 Monadnock Bl., Chicago, Ill. DIAMOND TOOLS For Mechanical Purposes. Ohn Wennstrom's Sons Co., 356 41st St., Brooklyn, N.Y.

STEEL STAMPS, LETTERS & FIGURES.

LEARN ART OF ENGRAVING Situation guaranteed. Send for catalogue, JEWELERS' SCHOOL OF ENGRAVING, 42 Madison Street, Chicago.

Experimental & Model Work Cir. & advice free. Wm. Gardam & Son, 45-51 Rose St, N.Y

EXPERIMENTAL MORK Scientifically and accurately executed. STENDICKE & VOLKMER, 61 Fulton Street. Telephone 5655 John.

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, 238-42 S. 9th St., Philadelphia, Pa

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

Telegraphy Greular free. Wonderful automatic teacher. 5 styles & 20 pp. OMNIGRAPH & 20 pp. 152, 89 Cortinandt St., New York.



Magical Apparatus.

Grand Book Catalogue. Over 700 engravings MAR'IINKA & CO., Mfrs., 493 Sixth Ave., New York.



WE manufacture METAL SPE-CIALTIES of all kinds. to order, largest equipment; lowest price es. Send sample or FREE THE EAGLE TOOL CO., Dept. A. (incinnati, o.

THE CITY OF NEW YORK

Department of Street Cleaning

NEW YORK, September 2, 1905.

Contract for the Final Disposition of Garbage in the Borough of Manhattan, for Five (5) Years, from August 1, 1906.

Bids for the above contract will be received at the Main Office of the Department of Street Cleaning, Nos. 13-21 Park Row (14th floor), Borough of Manhattan, until 12 o'clock, noon, Monday, November 6, 1905.

For further information as to the nature of the work and the manner and requirement of the bids, bidders should call upon the Commissioner of Street Cleaning, and should also read the advertisement of said contract now appearing in the "City Record."

JOHN McG. WOODBURY

Learn Telegraphy and R. R. Accounting

\$50 to \$100 per month salary assured our graduates under bond. You don't pay us until you have a position. Largest system of telegraph schools in America. Endorsed by all railway officials. Operators always in demand. Ladies also admitted. Write for catalogue MORSE SCHOOL OF TELEGRAPHY Cincinnati, O., Buffalo, N. Y., Atlanta, Ga.. La Crosse, Wis., Texarkana, Tex., San Francisco, Cal.

The money making crop. Easily grown. Room in your garden to grow hundreds of for sale. Plant now. Literature free. Write today. BUCKINGHAM'S GINSENG GARDEN, Dept. 4. Zanesville, Ohio

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

MASON'S NEW PAT. WHIP_HOISTS Manfd. by VOLNEY W. MASON & CO., Inc. Providence, R. I., U. S. A.



Grand Rapids School of Mechanical Drawing 361, 362, 363 Houseman Building, Grand Rapids, Mich. Instructions by mail in Mechanical Drawing, Naval or Marine
Architecture, Boat Designing and Landscape Gardening.

SEND FOR OUR CATALOG OF FULL INFORMATION

Shipped with privilege of examination. Send for Cat Typewriter Emporium, 203 LaSaile St., Chicago

BASY MONBY You can make at least \$5.00 a day selling FORD'S ALL, WOOD Air-Tight Weather Strip. Easily amplied to doors and windows. Reduces the coal bills.

CHAS. J. FORD, 225 Senior Building, Holyoke, Mass.







ultion Flug. Regular Porcelam, \$1.50; ndies, \$1.75. Horry four sizes. They're made por the motors. The R. E. Hardy Co., 225 West Broadway, New York



JUSTSEND ME ONE DOLLAR

and I will ship C. O. D. to any railroad station in the U. S. this fine Willard Steel Range Anyone can say they have the best range in the world, but I will turnish the evidence and leave the verdict to you. After you examine this range, if you are satisfied in every way, pay Agent \$14.00 and freight, and you become the possessor of the best range in the world for the money. The range has six 8-inch lids; 18-inch oven; 15-gallon reservoir; large warming claset; top cooking service 30x34 ins. Guaranteed to reach you in perfect order. Shipping weight, 400 lbs. Thousands in use and every one of them giving satisfaction. Write for full description and testimonials.

WM. G. WILLARD

No. 12 WILLARD BUILDING 316-320 CHESTNUT STREET

ST. LOUIS, MO

DON'T BUY GASOLINE ENGINES "THE MASTER WORKMAN," all one cylinder engines; revolutionizing gas power. Costs Less to Buy and Less to Run. Quickly, easily started. No vibration. Can be mounted on any wagon at small cost-partitionary ortraction. Mention thi paper. SENDFOR CATALOGUE. THE TEMPLEY THE CO., Mirs., Meagher & 15th Sts., Ohleage, THIS IS OUR FIFTY-FIRST YEAR.