Founded by Mathew Carey, 1785.

HENRY CAREY BAIRD & CO. Industrial Publishers. Booksellers, and Importers,

Sugartial rublishers. Booksellers, and Importers, S10 Walnut St., Philadelphia, Pa., U. S. A. 137 Our new and Revised Catalogue of Practical and Scientific Books, 85 pages, 5vo, and our other Catalogues and Circulars, the whole covering every branch of Sci-ence applied to the Arts, sent free and free of postage to any one in any part of the world who will furnish his ad-

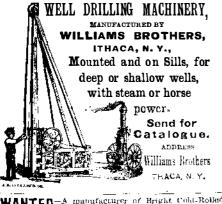
AERONAUTICS

AEFRON AUTTICS Is a monthly paper in which the **P**roceedings of the re-cent Aeronautical Coopress held in Chicago will be pub-lished. The latest accessible notes, news and informa-tion about aeronautical engineering will be given each month with reports of experiments, investigations and illustrations of new inventions, with original contribu-tions and articles written expressly for its pages, selected matter from foreign and domestic sources and editorial comments thereon. It will, in short, be a small paper devoted exclusively to the fascinating subject of aero-station, the interest in which is increasing so rapidly. It is published monthly by M. N. FORNEY, at 47 Cedar St., New York. Subscription **51.0** per year, single copies 10 cents.

STEEL	LER & VAN WINKLE MRE AND STEEL SPRINGS
ERED WIRE	CONTRACTION AFAILING SPRINGS
E MPS FEEL.	
F5 8 Office & WO	RKS 18 TO 24 BRIDGE ST. BROOKLYN, N.Y.

NOTICE.

INIGHTIGHT OF THE STATES STATE



WANTED - A manufacturer of Bright Cold-Rolled Stepl wishes to correspond with parties be manufactured our of this material. Address J. C., Box 773, NEW YORK.





VELOCITY OF ICE BOATS. A COL-While the second second



Parsons Horological Institute. aarn tha Watah Trad

Scientific American.





Rubber Rolls and Wheels. Power Wringing Machines, Drying and Ventilating Fans. All styles of Trucks made to order. Catalogues free. GEORGE P. CLANK, Box L., Windsor Locks, Conn.



NICKEL ELECTRO-PLATING Apparatus and Material. THE

Hanson & VanWinkle Co. Newark, N. J. 81 LIBERTY ST., N. Y. 23 S. CANAL STREET, CHICAGO.

As an expert machinist, I am free to own that I think the machinery 1 make is the very best of its kind.

I spare no pains or cost to make it so. My customers tell me I succeed.

Let me send you a catalogue.

Catalogues: A, woodworking mach'y; B, mach'y for rass, ivory, horn, etc.; C, shaft'g, pulleys, hangers, etc. P. PRYIBIL, 488-500 W. 41st St., NEW YORK.



REGISTER. A Labor-Saving Business System. and Accuracy. Chicage Autographic Register (o. 150 E. Monroe Street, UCAGO, 1L1. Enforcing Honesty and Accuracy. Send for catalogue & price list.

LIGHTNING CONDUCTORS. - A valuable and exhaustive paper giving Reynold's instruc-tions for erecting and testing lightning rods. Contained in SCIENTIFIC AMERICAN SUFPLEMENT, No. 906. Price 10 cents. To be had at this office and fromall newsdealers.



Stencils, Stee, Stamps, Rubber and Metal Type Wheels, Dies etc. Holler and Experimental Work. Smail Machinery, Novelties, etc., man-ufactured by special contract. 1012.4040 ufactured by special contract. New York Stencil Wks, 100 Nassau St., N.Y

HYPNOTISM; its uses and abuses. How the science is Pasily anguited by any one. New Justrated book, Just out, \$100, 400 page paraprolet, 10 cents. Autoress PROF. ANDERSON, S.A., 32 state Street, Chicago.





"ECONOMY IS WEALTH."

elegantly in the according to the second sec