

THE SCIENTIFIC AMERICAN.

THIRTY-FOURTH YEAR.

THE MOST POPULAR SCIENTIFIC PAPER IN THE WORLD.

Only \$3.20 a Year, including Postage. Weekly, 52
Numbers a year. 4,000 book pages.

THE SCIENTIFIC AMERICAN is a large First-Class Weekly Newspaper of Sixteen Pages, printed in the most beautiful style, *profusely illustrated with splendid engravings*, representing the newest inventions and the most recent Advances in the Arts and Sciences; including New and Interesting Facts in Agriculture, Horticulture, the Home, Health, Medical Progress, Social Science, Natural History, Geology, Astronomy. The most valuable practical papers, by eminent writers in all departments of Science, will be found in the Scientific American;

Terms, \$3.20 per year, 1.60 half year, which includes postage. Discount to Agents. Single copies, ten cents. Sold by all Newsdealers. Remit by postal order to MUNN & CO., Publishers, 37 Park Row, New York.

PATENTS. In connection with the Scientific American, Messrs. MUNN & Co. are Solicitors of American and Foreign Patents, have had 34 years experience, and now have the largest establishment in the world. Patents are obtained on the best terms. A special notice is made in the Scientific American of all Inventions patented through this Agency, with the name and residence of the Patentee. By the immense circulation thus given, public attention is directed to the merits of the new patent, and sales or introduction often easily effected.

Any person who has made a new discovery or invention, can ascertain, free of charge, whether a patent can probably be obtained, by writing to the undersigned. We also send *free* our Hand Book about the Patent Laws, Patents, Caveats, Trade-Marks, their costs, and how procured, with hints for procuring advances on inventions. Address for the Paper, or concerning Patents,

MUNN & CO., 37 Park Row, New York.

Branch Office, Cor. F & 7th Sts., Washington, D.C.



WEXELBERG & CO.,

Manufacturers of the

PATENT IMPROVED FLAT CRIMPED

SHEET METAL ELBOWS

FOR CONDUCTORS and STOVE PIPES.

No. 29 William Street, TORONTO, ONT.

IMPORTANT TO PHYSICIANS.

A great saving of valuable time may be made by using the

PHYSICIANS DAY BOOK & LEDGER

Which will exhibit at a glance, under date of occurrence, every visit made, the length of time consumed, whether day or night, and to which member of a family. It also includes

The Daily Cash Account and Obstetric Record,

OF GREAT VALUE.

On application with stamp the publishers will send to any physician a full descriptive circular with specimen pages. Physicians who are using the books are delighted with them. The sales have been very large, and the eighth edition is now in the press. Agents Wanted.

HENRY BILL PUBLISHING CO., Norwich, Conn.