Scientific American



friction and ges All parts easily interchangeable. WEBER GAS & GASOLINE ENGINE CO., P. O. Box 1114-a. Kansas City, Mo. hardware Specialties CONTRACT MANUFACTURERS Difficult Parts or 🦘 Finished Articles UNION MFG. & SPECIALTY CO., 506-508 Genesee St., Buffalo, N. Y. Automobile Engine Business Automobile Engine Business After careful testing we offer to the public, with confidence, the S., B. & M. Compound Engine Dimensions of Cylinder are 55 and 5 in x 4 in. stroke. Height of Engine 21 in. Base8x12 in. Weight, Engine, 55 lbs. 3. crank shaft bearings. All working bearings of bronze. Piston rods of machinery steel. Air and boiler pumps connected from cross bead. Plain side valves. We also build running gears and make parts. SHAFFERER. BUNCE & Co. SHAEFFER, BUNCE & CO., - Lockport N. Y. Successors to Shaspfer, Bunce & Marvin.





424

Beware

for business plants of five to twelve stations, radius of 1,000 feet. Efficiency guaranteed.

163 Greenwich St.,







Practical Pointers For Patentees



THE SALE OF PATENTS.

An Elucidation of the Best Methods Employed by the Most Successful Inventors in Handling Their Inventions.

By F. A. CRESEE, M. E. Pages. Cloth. Price, \$1.00. 152 Pages.

152 Pages, Cloth. Price, \$1.00. HIS is the most practical, up-to-date book pub-lished in the interest of Patantees, setting forth the best methods employed by the most success-interpretation of the most successive of the most successive written expressive for Patentees by a practical Inventor, and is based upon the experience of some of the most successful Inventors of the day. It gives exactly that information and advice about handling patents that should be possessed by every In-ventor who would achieve success by his ingenuity, and will save the cost of many expensive experiments as well as much valuable time in realizing from your in-ventor who would achieve success of the Patentee alone, and its only object is to give him such practical information and advice as will enable him to intelligent. Information and advice as will enable him to intelligent. Information and successfully, economically and profitably.

It gives a vast amount of valuable information along this line that can only be acquired by long, expensive experience in realizing from the monopoly afforded by a patent.

Send for Descriptive Circular.

MUNN & CO.,

Publishers.

Electrical World and Engineer. 1901. 8vo. Pp. 632.

Within the last five years, the subject of electrical power transmission has received as much, if not more, attention from electrical engineers than any other branch of applied electrical science. We have seen enormous plants at Niagara, Massena, and Sault Ste Marie grow up with startling rapidity. So far as we know, the present work is the first that has attempted to deal with this very important subject in an exhaustive way. The third edition, which is the last, takes account of the modifications made in the accepted systems of power transmission during the last five years, and comes at a time when theory and

practice seem to be in praiseworthy accord. That the work issues from the press of the Electrical World and Engineer is in itself 361 Broadway, New York. ¹ sufficient commendation of its appearance.

R. EDISON'S LATEST INVENTIONS_THE Moulded Record & the New Reproducer

Mounded Record & the New Reproducer duplicate the human voice in volume and clearness. Absolutely free from scratching, perfectly smooth and natural. The Moulded Records are "high speed," made of hard wax, freely and safely handled. New Reproducers on all Phonographs. Ask your dealer for exchange proposition ("Gem " excepted), Phonographs in Nine Styles, \$10.00 to \$100.00. Records, \$0e. ; \$5 per dozen.

NATIONAL PHONOGRAPH COMPANY, Orange, N. J. New York, 83 Chambers St. Chicago, 144 Wabash Ave,

"Sure Signal" AIR PUMP WHISTLE

An independent, ever-ready Whistle for boats and launches operated by other than steam power. No air tank, no fuss or bother; simply pull the bandle and produce a clear musical tone reaching a balf mile. Not a toy, but a practical, power-ful, perfectly made Clime Whistle. Brass or nickel. 301n. bigh. An ornament to any boat. Not expensive. Send for Price List.

BOWEN MEG. CO., South Street, Auburn, N. Y.

are common at this season of the year. Most them arisefrom the presence of irritating germs the glands of the neck. Get rid of the microl and you stop the trouble. Most of germs in

"HYDROZONE"

is a scientific germicide that immediately destroys al-microbes. It is perfectly harmless and easily applied. To demonstrate its efficiency send 10c. to cover postage and a free bottle will be sent you-sufficient for a cure.

PROF. CHARLES MARCHAND. 5? Prince Street, New York City.

