





Table of advertisements with items like Tile machine, Timepiece, Tire for wheels, etc. and their respective prices.

Advertisements.

Inside Page, each insertion - - - 75 cents a line. Back Page, each insertion - - - \$1.00 a line.

Advertisement for J.A. Fay & Co. Wood Working Machinery, Cincinnati, Ohio, U.S.A.

Standard Thermometers

Advertisement for Standard Thermometer Co., Peabody, Mass., featuring an illustration of a thermometer.

Advertisement for ROP HAMMERS, featuring an illustration of a hammer.

The New Catalogue of Valuable Papers contained in SCIENTIFIC AMERICAN SUPPLEMENT, sent free of charge to any address.

DESIGNS.

Table of designs with items like Bellong, C. A. Bailey, Buckle frame, L. C. Voorhees, etc.

TRADE MARKS.

Table of trade marks with items like Baking powder, W. P. Clotworthy, Blanc mange powder, A. F. Bird, etc.

Advertisement for EVAPORATING FRUIT, Full treating in improved methods, yields, profits, prices and general statistics, FREE.

Advertisement for STEAM ENGINE—THE CADET ENGINEER, or Steam for the Student.

Advertisement for LAST CHANCE, To obtain Government Lands free—that are suitable for general farming and stock raising purposes—before change of laws as per bills now pending in Congress.

Advertisement for The Cheapest and Best Lubricator, The feed is very plain and positive. It has less parts than any oiler yet produced.

Advertisement for THE TELEREMA, A Satisfactory Substitute for the Telephone for Short Private Lines, Speaking Tube Purposes, etc.

Advertisement for BOGARDUS' PATENT UNIVERSAL ECONOMIC MILLS—For grinding Bones, Ores, Sand, Old Crutibles, Fire Clay, Guano, Oil Cake, Feed, Corn, etc.

Advertisement for PATENT COLD ROLLED SHAFITING, The fact that this shafting has 75 per cent. greater strength, a finer finish, and is truer to gauge, than any other in use renders it undoubtedly the most economical.

Advertisement for STEWART'S ROOFING AND IRON-FIBRE PAINT, FOR ROOFS OF ALL KINDS STEEP & FLAT.

Advertisement for Woodworking Machinery, For Planing Mills, Furniture and Chair Factories, Car and Agricultural Works, Carriages and Buggy Shops, and General Wood Workers.

Advertisement for COMBINING WEIGHTS, VOLUMES, and Specific Gravities of Elements and Compounds.

Advertisement for BORING and TURNING MILLS, 48 and 72 inch swing, Upright Drills, A.T.I. SIZES, H. BICKFORD, Cincinnati, Ohio.

Advertisement for RAILWAY AND STEAM FITTERS' SUPPLIES, Rue's Little Giant Injector, SCREW JACKS, STURTEVANT BLOWERS, &c.

Advertisement for BICHROMATE OF POTASH PILES, Description of a new arrangement of Grenet's bichromate of potash pile, making it an apparatus of great constancy and convenience.

Advertisement for THE BEST STEAM PUMP, Van Duzen's Patent Steam Pump. Incomparable in cheapness and efficiency.

Advertisement for NATIONAL TOOL CO., MANUFACTURERS OF MACHINISTS' TOOLS, WILLIAMSPORT PA. PLANERS A SPECIALTY.

Advertisement for PHONOGRAPHY, or Phonetic Short Hand, Catalogue of works by Benn Pitman and Jerome B. Howard.

Advertisement for ROLLSTONE VARIETY LATHE, Latest improved, Rotary and Stationary Bed Planers and Buzz Planers.

Advertisement for TIGHT & SLACK BARREL MACHINERY, A SPECIALTY, JOHN GREENWOOD & CO. ROCHESTER N.Y.

Advertisement for AERIAL NAVIGATION, — DESCRIPTION of Messrs. Renard & Krebs' new electric balloon, and an account of the recent trial trips made therewith.

Advertisement for THE CELEBRATED RAGINE BOATS and CANOES, and ALL KINDS OF LAPSTREAK BOATS.

Advertisement for Leffel Water Wheels, With Important Improvements, 11,000 IN SUCCESSFUL OPERATION.

Advertisement for Stained Glass SUBSTITUTE, Beautiful & Lasting for ORNAMENTING WINDOWS, DOORS, TRANSOMS, &c.

Advertisement for A. W. STEVENS & SON, AUBURN, N. Y. Manufacturers of French Burr Stone Corn and Feed Mills.

Advertisement for ERICSSON'S NEW CALORIC PUMPING ENGINE, FOR Dwellings & Country Seats.

Advertisement for AUTOMATIC CABINET, Plays any TUNE, ORGANS ONLY \$5, MAGIC LANTERN, 60 VIEWS \$25.

Advertisement for Telegraph and Electrical SUPPLIES, Medical Batteries, Inventors' Models, Experimental Work, and fine brass castings.

Advertisement for THE COPYING PAD.—HOW TO MAKE and how to use; with an engraving. Practical directions how to prepare the gelatine pad, and also the aniline ink by which the copies are made.

Advertisement for SETS OF CASTINGS OF MODEL ENGINES, CATALOGUES FREE, ALSO TOOLS, GEAR WHEELS & PARTS OF MODELS.

Advertisement for FRICTION CLUTCH Pulleys and Cut-off Couplings, JAS. HUNTER & SON, North Adams, Mass.

Advertisement for PETROLEUM AS FUEL IN LOCOMOTIVE ENGINES, A paper by Thomas Urquhart.—How locomotives are arranged for burning petroleum.

Advertisement for BIBB'S Celebrated Original BALTIMORE FIRE-PLACE HEATERS, To warm upper and lower rooms.

Advertisement for EMERALD GREEN.—A PAPER BY R. Galloway, M.R.I.A., describing the method of manufacture of this pigment, and discussing its poisonous and other properties.

Advertisement for DUC'S IMPROVED ELEVATOR BUCKET, ONLY ONE SEAM, 150,000 IN DAILY USE.

Advertisement for Mortgage Sale of Shipyard Machinery and Fixtures, The entire equipment of the well known shipyard, lately of Ward, Stanton & Co., in the City of Newburgh, will be sold at Public Auction.

Advertisement for PERFECT NEWSPAPER FILE, The Koch Patent File, for preserving newspapers, magazines, and pamphlets, has been recently improved and price reduced.