

TO INVENTORS.

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Business and Personal.

The Charge for Insertion under this head is One Dollar a line for each insertion; about eight words to a line. Advertisements must be received at publication office as early as Thursday morning to appear in next issue.

Valves and Hydrants, warranted to give perfect satisfaction. Chapman Valve Manuf. Co., Boston, Mass.

Nickel Plating.—Wenzel's Patent Perforated Carbon Box Anode for holding Grain Nickel.

H. Prentiss & Company, 14 Dey St., N. Y., Manufs. Taps, Dies, Screw Plates, Reamers, etc. Send for list.

Needle Pointed Iron, Brass, and Steel Wire for all purposes. W. Crabb, Newark, N. J.

Assays of Ores, Analyses of Minerals, Waters, Commercial Articles, etc. Technical formulae and processes. Fuller & Stillman, 40 & 42 Broadway, N. Y.

Nickel Platers and Manufacturers use Bunnell's New Nickel Solution, warranted to be no infringement upon any patent. Its low cost, easy, rapid action, white and beautiful deposit on iron, brass, copper, etc., commend it as the best working solution yet produced. Materials for solution, which is easily made, together with prices, etc., furnished upon application. J. H. Bunnell, Electrician, 112 Liberty St., New York.

Hydraulic Elevators for private houses, hotels, and public buildings. Burdon Iron Works, Brooklyn, N. Y.

Bolt Forging Machine & Power Hammers a specialty. Send for circulars. Forsaith & Co., Manchester, N. H.

Blake's Belt Studs; strongest, cheapest, and best fastening for Leather or Rubber Belts. Greene, Tweed & Co., New York.

Ophir Mine, Gold Hill, Nevada, Jan. 4, 1879: I have applied H. W. Johns Asbestos Double Air Chamber Covering to our pipes, and it gives perfect satisfaction. I consider it the very best covering introduced on the "Comstock," and I can apply it at less than half the cost of cements or any other material. Yours truly, M. C. Foot, Chief Engineer. Ophir Mining Co., Virginia, Nev., Jan. 6, 1879: Having used these goods, I fully concur in Mr. Foot's opinion. James Brown, Chief Engineer. The genuine Asbestos materials are manufactured only by the H. W. Johns Manufacturing Company, 87 Maiden Lane, N. Y. Beware of imitations.

88 in. Swing Lathe, 12 foot bed, triple geared, compound rest, cross feed, \$400. Will exchange for Horizontal Boring Mill. Stiles & Parker Press Company, Middletown, Conn.

Inventors of Small Articles suitable for Hardware Trade, seeking a market, please address Courtenay & Trull, No. 17 Dey St., New York.

Calvin Carr's Cornice Machines, Cleveland, O. Best and cheapest.

Eagle Anvils, 9 cents per pound. Fully warranted.

Wanted.—A good draughtsman, boiler maker, smith, and hammerman. Apply to Noble Bros. & Co., Rome, Ga.

Walrus Leather. Walrus Wheels; all kinds of Polishing Supplies, in quantities to suit. Greene, Tweed & Co., New York.

For Sale Cheap.—Second-hand 8 foot Boring and Turning Mill, Lathes, Planers, Drills, Bolt Cutters, etc. Circulars. D. Frisbie & Co., New Haven, Conn.

A Proprietary Medicine Business.—Its right, title, trade marks, etc.; five medicines established over 30 years; well known curatives; well authenticated; will be sold cheap. For particulars address Medico, care Drugists Circular, 36 Beekman St., New York.

The only economical and practical Gas Engine in the market is the new "Otto" Silent, built by Schleicher. Schumm & Co., Philadelphia, Pa. Send for circular.

For Solid Wrought Iron Beams, etc., see advertisement. Address Union Iron Mills, Pittsburgh, Pa., for lithograph, etc.

Presses, Dies, and Tools for working Sheet Metal, etc. Fruit & other can tools. Bliss & Williams, B'klyn, N. Y.

Bl'k's, Mech's, Ma's, address Box 73, Willimantic, Ct.

For Sale.—Brown & Sharp Universal Milling Machine; Bement Profiling Machine; first-class 2d hand Machine Tools. E. P. Bullard, 14 Dey St., N. Y.

Send for circulars of Indestructible Boot and Shoe Soles to H. C. Goodrich, 40 Hoyne Ave., Chicago, Ill.

Nickel Plating.—A white deposit guaranteed by using our material. Condit, Hanson & Van Winkle, Newark, N. J.

1,000 2d hand machines for sale. Send stamp for descriptive price list. Forsaith & Co., Manchester, N. H.

Galland & Co.'s improved Hydraulic Elevators. Office 266 Broadway, N. Y. (Evening Post Building, room 22.)

Brush Electric Light.—20 lights from one machine. Latest & best light. Telegraph Supply Co., Cleveland, O.

J. C. Hoadley, Consulting Engineer and Mechanical and Scientific Expert, Lawrence, Mass.

The Lathes, Planers, Drills, and other Tools, new and second-hand, of the Wood & Light Machine Company, Worcester, are to be sold out very low by the George Place Machinery Agency, 121 Chambers St., New York.

Solid Emery Vulcanite Wheels—The Solid Original Emery Wheel—other kinds imitations and inferior. Caution.—Our name is stamped in full on all our best Standard Belting, Packing, and Hose. Buy that only. The best is the cheapest. New York Belting and Packing Company, 37 and 38 Park Row, N. Y.

Bevins & Co.'s Hydraulic Elevator. Great power, simplicity, safety, economy, durability. 94 Liberty St., N. Y.

For Town and Village use, comb'd Hand Fire Engine & Hose Carriage, \$350. Forsaith & Co., Manchester, N. H.

Hydraulic Presses and Jacks, new and second hand. Lathes and Machinery for Polishing and Buffing Metals. E. Lyon & Co., 470 Grand St., N. Y.

Inventors' Models. John Ruthven, Cincinnati, O.

Sheet Metal Presses, Ferracute Co., Bridgeton, N. J.

Pulverizing Mills for all hard substances and grinding purposes. Walker Bros. & Co., 23d & Wood St., Phila., Pa.

The Lambertville Iron Works, Lambertville, N. J., build superior Engines and Boilers at bottom prices.

Band Saws, \$100; Scroll Saws, \$75; Planers, \$150; Universal Wood Workers and Hand Planers, \$150, and upwards. Bentel, Margedant & Co., Hamilton, Ohio.

Diamond Engineer, J. Dickinson, 64 Nassau St., N. Y.

Machine Cut Brass Gear Wheels for Models, etc. (new list). Models, experimental work, and machine work generally. D. Gilbert & Son, 212 Chester St., Phila., Pa.

The best Friction Clutch Pulley and Friction Hoisting Machinery in the world. D. Frisbie & Co., N. Haven, Ct.

Texas Machinery Depot for any kind of machinery or special hardware. P. H. Gerhard, Austin, Texas.

The only Engine in the market attached to boiler having cold bearings. F. F. & A. B. Landis, Lancaster, Pa.

Improved Meat Cutter. Capacity 600 lbs. an hour. Circular and price list. J. W. McFarland & Co., Alliance, O.

Fine Taps and Dies for Jewelers, Dentists, and Machinists, in cases. Pratt & Whitney Co., Hartford, Conn.

Improved Steel Castings; stiff and durable; as soft and easily worked as wrought iron; tensile strength not less than 65,000 lbs. to sq. in. Circulars free. Pittsburgh Steel Casting Company, Pittsburgh, Pa.

Dead Pulleys that stop the running of loose pulleys and their belts, controlled from any point. Send for catalogue. Taper Sleeve Pulley Works, Erie, Pa.

Correct thing for Holidays, Whist and Dinner Parties, is the Vanity Fair Cigarettes, with your monogram.

Vertical & Yacht Engines. N. W. Twiss, New Haven, Ct.

Partner Wanted.—See advertisement on inside page.

Best results obtained from Success Turbine Water Wheel. References given. S. M. Smith, York, Pa.

Neophonography—The best and easiest short hand. Only the alphabet to be mastered. 50 cents. Harroun & Bierstadt, 58 Reade Street, New York.

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