

A Knabe in the White House.

(From the Baltimore American.)

There was seen yesterday at Messrs. Knabe & Co.'s factory a magnificent concert grand, just finished by them for the presidential mansion. President Arthur, who is a thorough connoisseur of music, in selecting a piano for the White House decided in favor of the Knabe Piano as his preference, and ordered accordingly the instrument referred to. It is a concert grand of beautiful finish in a richly carved rosewood case, and of superb tone and action—an instrument worthy in every respect of the place it is to occupy. It was shipped to its destination yesterday.

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.

"How to Keep Boilers Clean." Book sent free by James F. Hotchkiss, 84 John St., New York.

For Sale, or Exchange for Drill or Shaper, Engine 6x12 in. & Bed Stones. W. J. Sanderson, Syracuse, N. Y. Scientific Books. See page 396. Catalogues free. E. & F. N. Spon, 44 Murray Street, N. Y.

Patents for sale. Henry Stinson, Scandia, Kansas.

Lehigh Emery Wheels can be adapted to all kinds of work, and for rapid cutting and durability are unexcelled. Write for prices and discounts. Lehigh Valley Emery Wheel Co., Lehigh, Pa.

Otis Passenger Engine & Safety Drum, Cylinders 8x10. Double Cut Gears, in good condition. L. S. Graves & Son, Rochester, N. Y.

H. W. JOHN'S ASBESTOS AIR CHAMBER COVERING, consisting of Asbestos Sheathing or Lining Felt, combined with Hair Felt, for Steam Pipe and other heated surfaces, is patented, and infringers will be prosecuted to the full extent of the law.

11. W. JOHN'S M'FG Co., 87 Maiden Lane, N. Y. *

Metallic letters and figures to put on foundry patterns; all sizes. H. W. Knight, Seneca Falls, N. Y.

American Fruit Drier. Free Pamphlet. See ad., p. 398.

Am. Twist Drill Co., Meredith, N. H., make Pat. Chuck Jaws, Emery Wheels, Grinders, automatic Knife Grinders. Fire Brick, Tile, and Clay Retorts, all shapes. Borner & O'Brien, M'f'rs, 23d St., above Race, Phila., Pa.

Peck's Patent Drop Press. See adv., page 396.

For best Portable Forges and Blacksmiths' Hand Blowers, address Buffalo Forge Co., Buffalo, N. Y.

Brass & Copper in sheets, wire & blanks. See ad. p. 397.

The Chester Steel Castings Co., office 407 Library St., Philadelphia, Pa., can prove by 20,000 Crank Shafts and 15,000 Gear Wheels, now in use, the superiority of their Castings over all others. Circular and price list free.

The Improved Hydraulic Jacks, Punches, and Tube Expanders. R. Dudgeon, 24 Columbia St., New York.

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

Lubricator. See advt., Detroit Lubricator Co., p. 398.

Eagle Anvils, 10 cents per pound. Fully warranted.

Tight and Slack Barrel Machinery a specialty. John Greenwood & Co., Rochester, N. Y. See illus. adv. p. 398.

Garmore's Artificial Ear Drums for relief of partial or entire deafness. Invented by one who has been deaf thirty years. Simple and scientific in construction; not observable in use. Send for circular. John Garmore, S. W. cor. 5th and Race Sts., Cincinnati, O.

Pays well on small investment.—Stereopticons, Magic Lanterns, and Views illustrating every subject for public exhibitions. Lanterns for colleges, Sunday-schools, and home amusement. 116 page illustrated catalogue free. McAllister, Manufacturing Optician, 49 Nassau St., N. Y.

See New American File Co.'s Advertisement, p. 398.

Combined Concentric and Eccentric Universal and Independent Jaw Chucks. The Pratt & Whitney Co., Hartford, Conn.

Catechism of the Locomotive. 625 pages, 250 engravings. Most accurate, complete, and easily understood book on the Locomotive. Price \$2.50. Send for catalogue of railroad books. The Railroad Gazette, 73 B'way, N. Y.

Steam Pumps. See adv. Smith, Vaile & Co., p. 398.

Trevor's Patent Key Seat Cutter. Trevor & Co., Lockport, N. Y. See page 396.

Engines, 10 to 50 horse power, complete, with governor. \$250 to \$550. Satisfaction guaranteed. More than seven hundred in use. For circular address Heald & Morris (Drawer 127), Baldwinville, N. Y.

Brass Finishers' Turret Lathes, 13 1/4 x 4, \$165. Lodge, Barker & Co., 189 Pearl St., Cincinnati, O.

Important to Inventors.—The Anglo-American Patent Development Company, Limited, 28 Southampton Buildings, London, England, Authorized Capital \$250,000, is prepared to receive applications from American Inventors to develop (by manufacturing or otherwise) their inventions in Europe. Full particulars addressed as above by Registered Letter to be forwarded, with \$5.00 U. S. Currency to cover expense of investigation, otherwise applications cannot be considered. Inclose stamp for Prospectus of Company to Messrs. Knauth, Nachod & Kuhne, Bankers, New York.

Thomas Camp, of Covington, Georgia, General Agent for the sale of Portable Steam Engines, has a trade of \$250,000 per annum in that State. Manufacturers will find this the best medium in the South through which to sell such goods. None but first-class engines sold. Best of reference given and required.

Curtis Regulator, Float, and Expansion Trap. See p. 364.

Woodwork'g Mach'y. Rolstone Mach. Co. Adv., p. 382.

The Sweetland Chuck. See illus. adv., p. 382.

Knives for Woodworking Machinery, Bookbinders, and Paper Mills. Taylor, Stiles & Co., Riegelsville, N. J.

Permanent Exposition.—Inventors' Institute, Cooper Union, N. Y. City. Every facility for exhibition of machinery, merchandise, and inventions. Send for particulars.

Drop Presses, Bending Machines, the Justice Hammer, tools for plow and agricultural implement makers. Williams, White & Co., Moline, Ill.

Cope & Maxwell M'fg Co.'s Pump adv., page 366.

For Mill Mach'y & Mill Furnishing, see illus. adv. p. 364.

Red Jacket Adjustable Force Pump. See adv., p. 366.

Wanted.—Patented articles or machinery to make and introduce. Gaynor & Fitzgerald, New Haven, Conn.

Bonhack's Match Splitting Machine. Best and quickest in the market. Recipes and advice gratis. Address C. F. Bonhack, patentee, 527 W. 43d St., New York. To stop leaks in Boiler Tubes use Quinn's Patent Ferrules. Address S. M. Co., So. Newmarket, N. H.

Latest Improved Diamond Drills. Send for circular to M. C. Bullock Mfg. Co., 80 to 88 Market St., Chicago, Ill. To make Violins, write James Roblee, Syracuse, N. Y.

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Guild & Garrison's Steam Pump Works, Brooklyn, N. Y. Steam Pumping Machinery of every description.

Sheet and cast brass goods, experimental tools, and fine machinery. Estimates given when models are furnished. H. C. Goodrich, 66 to 72 Ogden Place, Chicago. Improved Skinner Portable Engines. Erie, Pa.

25' Lathes of the best design. G. A. Ohl & Co., East Newark, N. J.

Combination Roll and Rubber Co., 68 Warren street, N. Y. Wringer Rolls and Moulded Goods Specialties.

First Class Engine Lathes, 30 inch swing, 8 foot bed, now ready. F. C. & A. E. Rowland, New Haven, Conn.

Ice Making Machines and Machines for Cooling Breweries, etc. Pictet Artificial Ice Co. (Limited), 142 Greenwich Street. P. O. Box 3083, New York City.

Jas. F. Hotchkiss, 84 John St., N. Y.: Send me your free book entitled "How to Keep Boilers Clean," containing useful information for steam users & engineers. (Forward above by postal or letter; mention this paper.)

Steel Stamps and Pattern Letters. The best made. J. F. W. Dorman, 21 German St., Baltimore. Catalogue free. For Power & Economy, Alcott's Turbine, Mt. Holly, N. J.

Presses, Dies, Tools for working Sheet Metals, etc. Fruit and other Can Tools. E. W. Bliss, Brooklyn, N. Y.

Split Pulleys at low prices, and of same strength and appearance as Whole Pulleys. Yocom & Son's Shafting Works. Drinker St., Philadelphia, Pa.

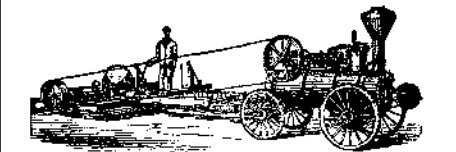
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