

A VALUABLE WORK FOR INVENTORS PATENTEES AND MANUFACTURERS.

The publishers of the SCIENTIFIC AMERICAN have just prepared with much care, a pamphlet of information about Patents and the Patent Laws, which ought to be in the hands of every inventor and patentee, and also of manufacturers who use patented inventions.

STATE AND COUNTY RIGHTS FOR SALE FOR ONE of the best improved washing machines that are now before the public, patented Aug. 12, 1862, by Melchor Mellinger, of Dayton, Ohio.

JAMES HORNER & CO., MANUFACTURERS OF CAST Steel and Files. Orders solicited for all kinds, shapes and sizes. Office and Warehouse, 28 Cliff street, New York.

SELF-REGISTERING CALIPERS, GIVING THE sizes without recourse to a rule. See engraving in SCIENTIFIC AMERICAN, of Aug. 8, 1863; 1 1/2 inch (booked) size, at 75 cents; 2-inch size (with set screw attached to indicator), \$1.25.

WANTED.—A CRANE TO LIFT 5 TUNS, SUITABLE for General Foundry Purposes. Apply at 112, 114 and 116 Cannon street, New York.

MILLER'S ELECTRICITY AND MAGNETISM.—1. Magnetism; 2. Static Electricity; 3. Galvanic Electricity; 4. Electro-Magnetism; 5. Magneto-Electricity; 6. Thermo-Electricity; 7. Animal Electricity; 8. Relations of Light and Magnetism.

PATENT IMPROVED SOLID EMERY WHEELS, FOR Cutting, Grinding and Polishing. No Metal-work can afford to be without them. Orders promptly filled.

18-INCH PIPE FOR SALE.—WE HAVE ON HAND about 4,000 feet of New Cast-iron Socket-pipe, 18 inch internal diameter, in lengths to lay 12 feet each.

SCIENTIFIC BOOKS AND PERIODICALS, ENGLISH French, and American, in every department, in stock and imported to order, by the single copy or in quantity—offered by JOHN WILEY, 433 Broadway, New York.

INCUBATION.—A POSITIVE REMEDY AND NO injury. Satisfaction guaranteed. Send for circular. H. N. WINANS, 11 Wall street, New York.

SCALE IN BOILERS.—WE USED TWO POUNDS OF your Anti-incrustant on powder, a week finally reduced to 1 1/2 lbs., which keeps our boiler perfectly clean; size 26 feet by 40 inches.

NITROUS OXIDE APPARATUS.—THE CHEAPEST and best now used. Gas has, tubing, pure nitrate ammonia and chemical reagents, chemical glass, &c., for Dentists, Teachers and Experimenters. Send for Catalogue. A. W. SPRAGUE, 87 Washington street, Boston.

SCRAP IRON FOR SALE.—APPLICATIONS FOR THE purchase of scraps of the best Bloom Sheet Iron (from which spoons have been cut), and band iron, received by the subscribers.

AMERICAN NEEDLE COMPANY, 442 BROADWAY, New York, J. W. Bartlett. Needle manufacturers for all the Sewing Machines. Bartlett's Burnished Hand Needles.

MAGIC LANTERNS, STEREOPICTIONS AND DIS-solving View Apparatus with lime or oil light, and a great variety of Humorous, Statuary, Scripture or War scenes.

THERMOMETERS!!! OF SUPERIOR FINISH AND accuracy, for the use of manufacturers, chemists, brewers, dyers, &c. Also register and standard thermometers manufactured by CHARLES WIEDER, Peterboro', N. H.

EYELESS MINING PICK.—THIS VALUABLE IN-vention—patented May 12, 1863—see "Scientific American," page 348, Vol. 9, is for sale. Every miner ought to have them, and they will buy them if they can get a chance.

HOLSKE & KNEELAND, MODEL MAKERS, PAT-ent Office Models, Working Models, and Experimental Ma-chinery, made to order at 108 Walker street, between Center and Elm, New York.

FOR DEAFNESS.—SOUND-MAGNIFYING TUBES.—They enable deaf persons to hear at public assemblies—and can be concealed from view. Send for a pamphlet to E. HASLAM, 33 John street, New York.

PAINTER, GILDER, AND VARNISHER'S COMPAN-ION.—Containing Rules and Regulations, and everything relating to the Arts of Painting, Gilding, Varnishing, and Glass Staining; with numerous useful and valuable Receipts; Tests for the detection of Adulterations in Oils and Colors; and a statement of the Diseases and Accidents to which Painters, Gilders, and Varnishers are particularly liable.

SALE OF CONDEMNED NAVY CANNON.

BUREAU OF ORDINANCE, NAVY DEPARTMENT, WASHINGTON CITY, Jan. 18, 1864. Notice is hereby given that on the 15th day of February next, at 12 o'clock M., there will be sold, at public auction, at the Navy Yard, Brooklyn, N. Y., and at the Navy Yard, Portsmouth, N. H., the following cannon, being 32-pounders of 61 cwt., known as "gradual increase," viz:—

MARVIN'S NEW PATENT DRY-PLASTER AND Alum, Fire, Burglar and Damp-proof Safes. (Patent issued Dec. 1, 1863.) We have received letters from the following eminent scientific gentlemen, proving their superiority over all others:

PORTABLE STEAM ENGINES—COMBINING THE maximum of efficiency, durability and economy with the minimum of weight and price. They are widely and favorably known, more than 200 being in use. All warranted satisfactory or no sale.

J. E. STEVENSON & CO., MACHINERY BROKERS, Consulting Engineers, and Agents for the Introduction and Sale of Patented Improvements of all kinds, 200 Broadway, New York.

PORTABLE STEAM ENGINES OF ALL SIZES, ON hand and built to order. Send for description and our prices, and get the best, cheapest, and most economical Engine made.

WHAT EVERY ONE OUGHT TO HAVE—ONE OF Parr's Tool Chests, fitted with complete sets of tools, sharpened and set ready for use and packed in cases for shipping, suitable for mechanics, amateurs, farmers and boys.

THE NEW YORK EMERY WHEEL COMPANY ARE prepared to fill all orders for their improved Emery Wheels. Sample wheels sent on receipt of price as per circular.

JACQUARD MACHINES, WITH APPURTENANCES manufactured and put up. Looms for narrow goods, from silk ribbon to cotton tape, built to order on the most approved principles.

WHEELER & WILSON'S HIGHEST PREMIUM SEW-ING MACHINES and Foot's Patent Umbrella Stands, 505 Broadway, New York.

PAGE'S PATENTED LIME KILN WILL BURN 300 bushels lime per day, with three cords wood or 1 1/2 iron coal, hard or soft. Address C. D. PAGE, Grand Rapids, Mich.

DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C., Dec. 15, 1863. To the Growers and Manufacturers of Flax and Hemp: THE COMMISSIONERS APPOINTED BY THIS DEPARTMENT, consisting of Hon. J. K. Morehead, of Pennsylvania, William M. Bailey, of Rhode Island, and John A. Warder, of Ohio, to consider the following appropriation made by the last Congress, viz:—

SAVING OF FUEL TO PARTIES USING STEAM.—DAMPER REGULATORS. Guaranteed to effect a great saving in fuel and give the most perfect regularity of power.

WOODWORTH PLANERS—IRON FRAMES TO Plane 18 to 24 inches wide, at \$120 to \$150. For sale by S. C. HILLS, No. 12 Platt street, New York.

NERVOUS DISEASES AND PHYSICAL DEBILITY, arising from Specific causes in both sexes—new and reliable treatment, in Reports of the Howard Association—sent in sealed letter envelopes, free of charge. Address Dr. J. SKILLIN HOUGHTON, Howard Association, No. 2 South Ninth street, Philadelphia, Pa.

MESSIEURS LES INVENTEURS.—AVIS IMPORT-ANT. Les inventeurs non familiers avec la langue Anglaise, et qui préfèrent nous communiquer leurs inventions en Français, peuvent nous adresser dans leur langue natale. Envoyez nous un dessin et une description conclue par notre examen. Toutes communications seront reçues en confiance.

THE CHEAPEST MODE OF INTRODUCING INVENTIONS.

INVENTORS AND CONSTRUCTORS OF NEW AND useful Contrivances or Machines, of whatever kind, can have their inventions illustrated and described in the columns of the SCIENTIFIC AMERICAN on payment of a reasonable charge for the engraving.

No charge is made for the publication, and the cuts are furnished to the party for whom they are executed as soon as they have been used. We wish it understood, however, that no second-hand or poor engravings, such as patentees often get executed by inexperienced artists for printing circulars and handbills from, can be admitted into these pages.

For further particulars address— MUNN & CO., Publishers of the SCIENTIFIC AMERICAN, No. 37 Park Row, New York City.

OIL! OIL! OIL. For Railroads, Steamers, and for machinery and Burning. PEASE'S Improved Engine and Signal Oil, increased and recommended by the highest authority in the United States. This Oil possesses qualities vitally essential for lubricating and burning, and found in no other oil.

CONES FOR UNITED STATES MUSKETS, ENFIELD and Austrian Rifles, and for the Shells of Rife Cannon, promptly supplied in any quantities and warranted to pass Government inspection. Also second quality cones of above models and cones for sporting guns and pistols.

BISULPHIDE OF CARBON, CHEMICALLY PURE, for sale in quantities from one to fifty carboys. Address DU-BOIS D. FARMELEE, Chemist, 22 East 41st street, New York.

TO LEASE OR FOR SALE THE ONLY VACANT mill lot on Paterson race. For further particulars apply to G. SHIFF, 17 William street, room 27, up-stairs, New York, or to JAMES SPEAR, Paterson, N. J.

A NEW PATENT DRIER—WHICH IS EQUAL TO the English, but much cheaper. QUARTERMAN & SON, 114 John street, New York.

FAN BLOWERS—DIMPPELS, ALDEN'S, McKEN ZIE'S and others, for Steamboats, Iron Works, Foundries, Smith Shops, Jewelers, &c., on hand for sale by LEACH BROTHERS, 86 Liberty street, New York.

VULCANIZED RUBBER.—Adapted to mechanical purposes—MACHINE BELTING, STEAM PACKING, VALVES, HOSE, EMERY VULCANITE WHEELS, &c. &c. Directions, prices, &c., can be obtained on application to the NEW YORK BELTING AND PACKING COMPANY, Nos. 37 and 38 Park Row, New York.

GROVER & BAKER'S CELEBRATED SEWING MA-CHINES were awarded the highest premiums over all competitors at the recent State Fairs of New York, Vermont, Iowa, Michigan, Indiana, Illinois, Kentucky, Pennsylvania, Ohio, and at every Institute and County Fair where exhibited this year.

GUILD & GARRISON'S CELEBRATED STEAM Pumps—Adapted to every variety of pumping. The principal styles are the Direct Action, Eggshell Steam Pump, the improved Balance Wheel Pump, Duplex Vacuum and Steam Pumps, and the Water Propeller, an entirely new invention for pumping large quantities at a light lift.

BLACK DIAMOND STEEL WORKS, PITTSBURGH, Pa. PARK BROTHER & CO., manufacturers of best quality Refined Cast Steel, square, flat and octagon, of all sizes. Warranted equal to any imported or manufactured in this country.

WANTED A STEAM-ENGINE AND BOILER OF 8 or 10 horse-power, in good condition, and economical for fuel. Address DAVID COON, Ypsilanti, Michigan.

IRON PLANERS, ENGINE LATHES, DRILLS AND other machinists' tools, of superior quality, on hand and finishing for sale low. For description and price address NEW HAVEN MANUFACTURING COMPANY, New Haven, Conn.

BOLTS, NUTS AND WASHERS OF ALL SIZES constantly on hand for sale by LEACH BROTHERS, 86 Liberty street, New York.

W. M. CLEVELAND HICKS, CIVIL AND MECHAN-ICAL Engineer, 480 Broadway, New York.

Zur Beachtung für deutsche Erfinder. Die Unterzeichneten haben eine Anstaltung, die Erfindern das Bestmögliche anzeigt, um sich ihre Patente zu sichern, herauszugeben, und herabsetzen solche gratis an dieselben. Erfinder, welche nicht mit der englischen Sprache bekannt sind, können ihre Mittheilungen in der deutschen Sprache machen.