

TO CORRESPONDENTS.

"J. G. P. of R. I."—The plan of your apparatus does not possess novelty sufficient to warrant you in spending money on an application. Machines for this purpose, constructed upon the same principle as yours, have been used before. They are, however, very excellent for the purpose intended.

"J. B. of S. C."—You would require an engine of ten horse power to drive the mill stones, which could be purchased complete for \$1200 in this city, having one of Bentley's tubular boilers attached. We can furnish you mill stones 4 feet in diameter, for about \$145. All the improvements known to us in this branch of business have been published in the Scientific American.

"W. W. of N. C."—We are informed by Mr. K. that second hand rolling mills are very hard to be found. New ones can be purchased for \$11 per foot of a superior manufacture. Mr. F. promised to write you the particulars about the expense, &c. of repairing the burnt one. Those tickets will be purchased as soon as the agents will sell them for "the ready go down." Don't be uneasy, we are wide awake at all times here, and will attend to the business early.

"C. B. J. of Mass."—You have surely not given your attention to the correct proposition, "two parallel lines," not geometrical lines, it should be, as all kinds of lines are geometrical lines. If two parallel lines meet then they are no more parallel, that's all, for parallel lines must ever be equidistant to be parallel. Be sure and have your propositions right.

"A. H. of Pa."—Brass is made to adhere to iron by first tinning the iron. Steel is softened by decarbonizing it. You will find the process described at length in vol. 41 of the Transactions of the Royal Society. If there is a library in your place, this work should be in it. We can give you the process if paid for writing it, as it is somewhat long. Send us five dollars.

"J. K. of Ct."—Inventions are always arranged in classes, and taken up in their order. There is no certainty at what time an application will be examined. Patents are issued sometimes in 2 months, and sometimes 6 or 7 months elapse before any examination is made. We should think it high time you had some knowledge of its results, as you say the application was filed in June '48. Mr. Burke has always been prompt in acknowledging the receipt of the papers and models forwarded from this office.

"H. C. of N. J."—Your plan might be made to operate on a very small scale, but we should consider it a dangerous undertaking to pass over the Rocky Mountains. We should rather see an experiment made with a load of mice over a mole hill than to encourage a party of human beings to attempt to ascend the rugged steeps of Popocatepetl in a train of Railroad cars.

"W. C. H. of Ala."—We have no confidence in the statement, and we would advise you not to spend time or money, until better evidence is brought forward to sustain it.—You will find the notice in No. 20 Scientific American.

"T. & T. of Ky."—We prefer to advise you by letter, which will be attended to immediately. \$2 received on account of subscription.

"A. B. W. of S. C."—Since the receipt of yours of the 10th inst. we have been on the look out for such a work as you describe; if we meet with success you will hear from us hereafter.

"H. J. C. of Wis."—Accept our thanks for your interest in the Scientific American. The subscribers names are properly entered for 6 months each. You had better send the balance of the subscription by express from Milwaukee. \$57 received.

"Mrs. D. of N. Y." "J. H. of O." "S. C. care of T. & F. of Ct." "C. M. M. of Pa." and "A. J. F. of Mass."—Your papers have been sent to you for signatures. As soon as you have signed and had them otherwise properly executed, please return them for our further action.

"W. M. of Geo." "H. D. F. of Pa." "R. S. T. of N. H." "R. Y. F. of Vt." and "S. G. G. of Mass."—Your papers have been safely lodged in the Patent Office since our last issue

"J. H. of Mass."—Why do you not send us the balance of our funds, so that we can file your application without further delay?

"E. J. of Mass."—In a few days you shall hear from us. Your business is progressing.

"A. H. of Me."—Pardon our delay and look for your papers early next week.

"J. S. of Pa."—Ten dollars more received.

"C. R. W. of Ky."—The Clevis which you describe is quite old. No person can get a Patent on it. Your subscription expires with No. 39.

"A. & J. J. of N. Y."—Will appear in our next.

"W. H. P. of Va."—We shipped your business in due time, and gave the particulars by letter of the 27th ult. You can draw on us at sight for \$250 through your agent here and the balance will be appropriated as you have already directed.

"C. H. T. of St. Louis."—Yours of the 17th inst. reached us in due time but no pamphlet. You had better send us a drawing of the safety gauge and we will write you the expense of an engraving.

"W. H. S. of Del."—Your circulars were forwarded on the 1st inst. by Express.

"G. B. M. of Texas."—Your model and funds came safe. Shall write you soon.

"C. W. T. of Mich."—The books referred to can be sent by Mail with safety

"A. B. W. of Mass."—The drawings of your Sewing apparatus were received duly and have been thoroughly examined. We think your machine far surpasses all others that we have become acquainted with, for accomplishing the end sought for, and we think your success inevitable. \$20 received. Your request shall be speedily complied with.

J. Armour's model has arrived. What shall we do for you?

Mr. G. W. Van Vleck, of Belfast, or Syracuse, will please report himself immediately. All persons are cautioned against paying money on our account to L. Van Vleck. We have reason to suppose that he is soliciting subscribers in the name of G. W. Van Vleck.

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Advertisements.

FOR SALE.—A NEW AND VALUABLE PATENT.

THE subscriber has just received letters patent for a Machine for making Lasts, Spokes, &c.—The principle of the machine is such that a large number of spokes may be made at the same time, with only one model. If the laster model be for a right or left foot pairs will be produced at the same time. The first and only machine after this patent has been in constant use about one year and a half, and makes the most perfect work that has ever been produced by a model (a sample of the work may be seen at this office.) A machine with 10 cutters will produce 5 pair of lasts or 10 spokes at one and the same time, and would require about the power of two horses, and would produce about 1000 spokes per day and 500 lasts. The subscriber will dispose of the whole patent or a single State. In the application for a patent the attention of the Commissioner of Patents was called to that of Thomas Blanchard to show in what way it was unlike his machine for turning lasts and spokes, that was granted in 1819 and extended in 1848. The subscriber is and has been prepared for a long time to have the question tested before the proper tribunal.

JOHN KIMBALL, 43 Tremont Row, Boston, Mass.

MINIFIE'S MECHANICAL DRAWING BOOK.

THIS is one of the most valuable works ever published, for Mechanics, desiring to learn the art of Drawing. The rules are all familiarly explained, and it is well illustrated with drawings, sections and elevations of buildings and machinery, an introduction to Isometrical Drawing, and an Essay on Linear Perspective and Shadows, 46 steel plates, containing over 200 diagrams. The work is bound in a beautiful and substantial manner. Price \$3. For sale by MUNN & CO. Agents for this city. Also Leonard's Mechanical Principles, a very valuable work, and should be in the hands of every mechanic—price \$1.50. Also superbly bound volumes of Ranlett's Architecture, complete,—embracing splendidly executed engravings of buildings, plans, &c. Price \$7.

FOR SALE CHEAP. TWO Looms for Weaving Rubber Webbing for Braces, with ten shuttles each, nearly new.—Also, a first and second Rubber Cutter, together with other machinery for manufacturing Rubber Braces. Enquire of NORCROSS & CO. No. 60 Nassau st. New York.

TO IRON FOUNDERS. FINE ground Sea Coal, an approved article to make the sand come off the Castings easily; fine bolted Charcoal Blacking; Lehigh fine Dust, and Soapstone Dust for facing Stove Plates, &c. &c.; also, Black Lead Dust, for sale in Barrels, by GEORGE O. ROBERTSON 283 West 17th st. New York

Great Improvements in Planing, Tongueing and Grooving Lumber. JOSEPH P. WOODBURY'S PATENT PLANING MACHINE.

THE Subscriber having received Letters Patent for a Stationary Cutter Planing, Tongueing and Grooving Machine, now offers for sale the right to use the same. This machine will plane six thousand feet of Boards to a uniform thickness in one hour, producing a better finished surface than it is possible to plane by any other means now known, not excepting the hand plane, and is peculiarly adapted to plane and joint clapboards or weather boarding, and will do the work faster and better than any machine heretofore invented. This machine is so arranged that it planes the board with an unbroken shaving the whole width and length of the material, and does not take more than two thirds the power that is required to do an equal amount of work by the rotary cutting cylinder now in common use. The construction and organization of this machine is different from any now in use. Communications for further particulars cheerfully responded to by addressing the subscriber (post paid) Boston, Mass. One of the above planing machines may be seen in operation by calling on the patentee. JOSEPH P. WOODBURY, Border street, East Boston, Mass.

HAND PLANING MACHINES. THE subscribers have on hand and are constantly manufacturing Hand Planing Machines of the most approved construction: will plane 22 inches in length and 10 inches in width a sample of which may be seen at Wood's Tool Store, corner of Chatham and Duane sts. N. Y.

The subscribers also make to order larger sized Planers, to work by power. Also, Lathes, Drilling Machines, Mill Gearing, Shafting, Pulleys, &c. Orders left at T. J. Wood's Tool Store, or addressed to the subscribers at Union Works, Meriden, Ct. will receive prompt attention. OLIVER SNOW & CO. N. B. All work done by us is warranted to give satisfaction. m31 6t

SOUTH WESTERN PATENT AGENCY. THE Subscriber has opened an Agency for the sale of patent rights, machinery, &c. of every description. My object is to enable inventors and manufacturers to realize the fullest advantage from their rights by introducing them into the vast West. All kinds of really good machinery and inventions are wanted, such as stave dressing, barrel making, morticing, sash, iron and wood turning, drilling, pressing and railroad machinery, as well as water wheels, windlasses, steam engines, cotton and woolen machinery, &c. To sell machines, &c. a model or machine will be needed; for patent rights a power of attorney would be requisite. My charges will be moderate, and energy used to forward sales. No charge will be made until some benefit is realized. Letters (Post Paid) will receive immediate attention.

References:—Geo. Higgins and Geo. J. Mankin, New York; L. Pickering and S. Laffin, St. Louis; Hon. Jas. H. Woodworth, Mayor of Chicago. JOSEPH E. WARE, 65 Second st., St. Louis, Mo.

MANUFACTURER OF Lead Pencils. Graduated Drawing; writing and Stylographic; and Artist's pencils, Crayons, Ever points, Pen Holders &c. The above pencils are peculiarly adapted to Mechanics use, as they possess great firmness and strength of points. Orders solicited from all parts of the country and goods forwarded with despatch. j20 1t

TO MECHANICS & MANUFACTURERS. THE Subscribers having made arrangements with some of the principal Machinists and Foundries in the country, are prepared to execute any orders for machinery, tools or mechanical implements of any kind on short notice, and very low prices. The attention of mechanics is particularly called to the fact, that we will furnish all articles pertaining to mechanics at low rates, and with despatch.—We have constantly on hand a variety of second hand machinery which will be sold very low.—Those ordering from us may depend upon being satisfied both as to quality and price. Where an order is made any information on mechanical subjects will be given without charge. We will also receive proposals from Patentees for the sale of their articles, and patent rights in different sections of the country. NORCROSS & CO. 60 Nassau st.

RIVED STAVES, &c. THE Subscriber has invented (to be patented) a new Stave machine, with which one boy will dress 8 to 10 hoghead staves per minute and do it well. It is very simple and compact measuring four and a half feet by one and a half. With a slower feed one horse will work it with ease. Prices very low. He also sells at higher prices his Stave Dressing and Jointing Machine—a truly excellent article. Also, a new Planing and Matching Machine, which cannot be surpassed by any other in use. Address H. LAW, 216 Pearl st. N. Y.

SUPERIOR TURNING LATHES. JAMES STEWART, 15 Cal-st. and 106 Elm-st. is constantly manufacturing and has now on hand between 50 and 60 superior lathes of the following descriptions and at reasonable prices, namely: Dentist's Lathes, very highly finished.

common, Brass and Wood Turner's Lathes. Jeweller's and Pencil-case maker's very superior. J. STEWART is also authorized to act as agent for the sale of the celebrated Lathes manufactured by James T. Perkins of Hudson, of large size and at prices from \$250 to \$800. A specimen of this description may be seen at his factory as above. j27 1t

BRITISH PATENTS. MESSRS. ROBERTSON AND CO., PATENT SOLICITORS. (Of which Firm Mr. J. C. Robertson, the Editor of the Mechanics Magazine since its commencement in 1833, is principal partner.) undertake The Prosecution of Patents. For England, Scotland, Ireland, and all other European Countries, and the transaction, generally all business relating to patents. Instructions to Inventors can be had gratis, on applying to Mr. THOMAS PROSSER, 28 Platt Street New York; as also the necessary forms of Petition and Declaration for British Patents. PATENT OFFICE. m10 1t 166 Fleet Street, London.

PATENT LUBRICATING OIL FOR MACHINERY. THE subscribers are now prepared to supply Devlan's Patent Oil in any quantity. Machinists, Manufacturers &c., are invited to examine the article. Certificates of its superiority over all other oils from some of our most extensive manufacturers can be seen at this office. KENNEDY & GELSTON, 5 1-2 Pine-st. New York, Sole Agents for the New England States, and State of New York. Samples of the oil may be seen at the Scientific American Office. m10 1t

SUPERIOR ENGINE LATHES. WE are manufacturing and selling at our establishment in New London, Ct. a superior article of Screw Engine lathes and also hand lathes of every dimension at an extremely low price. Address ALBERTSON, DOUGLASS & CO. Post Paid [d2 6m*] New London, Ct.

Z. C. Robbins, Consulting Engineer and Counsellor for Patentees. Office on F street, opposite Patent Office, Washington, D. C. j20 1t

WONDERFUL CHURNS. THAT will cause butter to come from milk in three to four minutes, for sale at \$3, \$4 and \$5 each, at the Agricultural Warehouse of S. C. HILLS & CO. 43 Fulton st.

SAW MANUFACTORY. LEAVITT & M'DANIEL, Fisherville, N. H., Manufacturers of Mill, Circular, Tennon, Cross-cut, and Pit Saws. Also, Fellos, Turning and Veneering Saws; Billet or Wood Cutter's Saws; Iron or Brass Web Saws, Pruning and Butcher's Bow Saws, Chest, Hand, Pannel and Ripping Saws. Also, Planing Trowels. J. McDaniel, Concord, Wm. D. Leavitt, Fisherville. RUFUS R. LEE, Manufacturers' Agent, No. 11 Kilby st. (up stairs) d30 3m* Boston, Mass.

TO RAILROAD COMPANIES. THE Subscriber has made application for letters patent on his self-acting Railroad Gate, designed to close up the common road in dangerous places, that nothing may intrude upon the Railroad at the time the engine or train are passing, and is now ready to negotiate with Companies, on most reasonable terms, for the erection of such Gates. For further particulars, apply to A. C. Coffin, Haverhill, Mass. a21 3t RICHARD COFFIN.

FELTING MANUFACTORY. JOHN H. BACON. (Late of the firm of R. Bacon & Sons.) Manufacturer of Feltings for Water Filters, &c., Steam and Water Pipes, Emery Wheels, Calico Printers, Jewellers, Marble Workers' Boot Felts, Felting for Railroads, &c. &c. Also Lambs Wool Wadding for Cloaks, Skirts, Hoods, &c. For sale and orders received by T. C. BACON & CO., corner of Union and Ann sts., also by E. C. TURELL, No. 26 Ann st. Boston, next door to Oak Hall. a7 3m*

Johnson's Improved Shingle Machine. THE Subscriber having received Letters Patent for an improvement in the Shingle Machine, is now ready to furnish them at short notice, and he would request all those who want a good machine for sawing shingles, to call on him and examine the improvements he has made, as one eighth more shingles can be sawed in the same given time than by any other machine now in use. Manufactured at Augusta, Me. and Albany, N. Y. J. G. JOHNSON Augusta, Maine, Oct. 23, 1848. o28 1y

Lap welded Wrought Iron Tubes FOR TUBULAR BOILERS, From 1 1-2 to 8 inches diameter. THESE are the only Tubes of the same quality and manufacture as those so extensively used in England, Scotland, France and Germany, for Locomotive, Marine and other Steam Engine Boilers. THOMAS PROSSER, Patentee, d30 28 Platt-street, New York.

GENERAL PATENT AGENCY. REMOVED. THE SUBSCRIBER has removed his Patent Agency from 189 Water to 43 Fulton street. The object of this Agency is to enable Inventors to realize something for their inventions, either by the sale of Patent Goods or Patent Rights. Charges moderate and no charge will be made until the inventor realizes something from his invention. Letters Patent will be secured upon moderate terms. Applications can be made to the undersigned, personally or by letter post paid. SAMUEL C. HILLS, Patent Agent.

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