

TO CORRESPONDENTS.

"S. L. D. of Va."—The Condensing Engine plates can be forwarded by Express, to any office of importance near you.

"R. C. T. of Ky."—We are unable to find such a publication in this city. We can furnish you with the "Transactions of the Civil Engineers of London," for \$20.

"W. W. of Wis."—One copy of Minifie's book sent on the 5th inst.

"H. H. B. of N. Y."—\$3 received, for which please accept our thanks. The Commissioner will acknowledge the receipt of your papers, if they arrived safe.

"S. F. G. of Boston."—Your arrangement is entirely new and convenient. Send us a model as soon as possible.

"W. H. S. of Mass."—We cannot furnish a practical work upon the subject referred to.

"D. V. of N. Y."—Your model should be made as small as convenient, representing the construction and operation of the improvement. It is not necessary for you to send the oath. The specification must be sworn to before a Justice of the Peace.

"I. L. O. of Conn."—We shall not be able to give our opinion without a model; please send one as soon as convenient.

"R. J. McC. of S. C."—Your plan would destroy the effect of the fly wheel entirely, by converting it into a cogged wheel or driving pulley. The object of the fly wheel is to give it free action. Papers sent.

"J. E. B. of Tenn."—Your method of propulsion is not new. We have seen several plans combining the same principle, within the last year. Experiments have been made with it, which proved unsuccessful. You had better not spend time or money, in experimenting with it.

"J. H. B. of Ill."—Your communication of the 8th inst. reached us in due time. Your method of laying telegraphic wires is precisely the same as used by Professor Wheatstone, in the construction of his first telegraph. The plan works well, but the great expense attending it has proved a barrier against its general introduction. The principle is well understood by Profs. Morse, Bain and House. \$2 received.

"L. B. T. of Ill."—We have examined the drawings accompanying yours of the 13th ult. The manner of forming the segments straight, does not constitute a patentable novelty. The method of folding the frame work, whereby it is made portable, is the only point upon which a claim could be instituted. We confess that we do not understand it from the drawing.—You had better construct a model and forward it for examination. \$2 received.

"W. L. G. of Mass."—Your plan for hoisting weights, presents nothing patentable. We have known its existence for several years.—\$2 received and credited.

"A. H. of Pa."—Yours of the 3d inst. came safe, and the back numbers duly forwarded as per request. Your explanation is perfectly satisfactory.

"W. H. S. of N. Y."—Your draft came safe, and the engine will be shipped immediately, and receipts forwarded.

"A. B. W. of Mass." "C. B. F. of Ct." "W. N. G. of R. I." and "A. B. of N. Y."—If you will please return those Caveat papers you will greatly oblige us.

"J. S. of Pa."—You shall hear from us soon—probably next week.

"R. L. of N. Y."—Your loom is now receiving attention and the papers will be sent you for inspection in a few days. It is a hard subject to explain and particularly to properly represent with drawings. We ought to have charged you \$50 for attending to the business.

"H. T. of S. C."—Your favor of the 3d came to hand, with \$45 safely enclosed. We will forward those drawing books as soon as we receive a fresh supply from the publishers.

"J. C. L. of Geo."—You will hear from another party soon in regard to a water wheel. Your draft was paid by Mr. C.

"W. B. L. of Pa."—We have made several attempts to procure practical works upon painting, but have not been successful.

"G. R. N. of Washington."—We forwarded your papers by the next mail after receiving your telegraphic despatch. We hope you received them duly.

"R. S. T. of C. W."—For minute parti-

culars respecting a machine address Norcross & Co. 60 Nassau st., post paid.

"Mrs. D. of N. Y." "C. M. M. of Pa." "J. H. of O." and "T. & F. of Ct."—Why do you not return to us your specifications. It is nearly three weeks since they were forwarded to you and it is for your interest that they be immediately returned.

"C. C. of Ct." "S. & C. of S. C." "E. J. of Mass." "I. M. of Pa." "R. S. and W. N. D. of N. Y." "L. S. W. of Mich." "R. V. D. N. C. C. and W. L. S. of O."—Your specifications have been prepared and forwarded to your address for signatures since our last issue. Please make as little delay as possible in executing them and return the papers to us as early as convenient.

"A. J. F. of Mass."—Your specification was altered and duly forwarded to the Patent Office.

"Z. P. of Philadelphia."—We are unable to communicate with you farther, as the letter from the other parties is wholly indefinite in regard to the three questions proposed by you. We shall direct them to address you more definite.

"C. J. V. of Ohio."—\$5 received; papers and receipts forwarded per request.

"S. & C. of S. C."—Your model came safe by the Southerner and will be examined soon.

"A. C. B. of N. C."—We shipped your articles on board the schr. Ariade. We have received the funds from Mr. F.

"A. H. of Pa."—We have forwarded the back numbers of the Scientific American except No 1, which we have not on hand. Your ideas of a machine for boring post holes are very good, and would answer for soil free from rocks.

"J. H. E. of N. Y."—We will give yours more attention, but as yet we see no just grounds for your calculations.

"T. B. of N. Y."—Yours has come to hand but we do not know how it was so very long about it.

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.

If we remember right, Bro. Eaton of the Boston Museum (an excellent paper) was seized with ecstacy fits a short time since in consequence of having received a new desk. If he should visit our city we should be pleased to have him call upon us and receive our congratulations, for we've got one.

A large and beautiful locomotive engine, costing 7,000 dollars, has just been turned out from the foundry of Mr. Uriah Wells, Petersburg, Va., for the Petersburg and Roanoke Railroad.

Advertisements.

TO CAPITALISTS.

WEST & THOMPSON'S PATENT "CLASP COUPLING JOINT."—The undersigned having accomplished the object of his mission to Europe in relation to this invention, is now ready to treat with capitalists for the sale of the American patent. As it is the determination to sell in "STAT. RIGHTS," no application for town or county rights will be noticed. A party, however, purchasing a State right, may, should he think proper, grant to town or county rights. Terms CASH.

CLINTON G. GILROY,

(Tribune Buildings, New York.) Sole Agent (under powers of Attorney from Hon. Horace Greeley, assignee of Patent) for the United States of America.

The leading advantages of this extraordinary invention are now so well known to practical men as to render it unnecessary to enter into any details upon the subject.

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FOR SALE.

A Cylinder Steam Boiler set in a cast iron frame INSTEAD OF BRICK, of three horse power, having been used only two months, and in complete order. The above can be seen, rear of 58 Attorney st. 11\*

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. m5 11

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From our long acquaintance and experience in Patent Office business we have no hesitancy in asserting that we are better able to judge the merits of new inventions, and are better capable of advising upon all subjects pertaining to Patents than any other concern in the United States.

Any business connected with the Patent office may be done by letter through the Scientific American office with the same facility and certainty as though the inventor applied in person. Our prices too (another important consideration to inventors) are but about half as much as the charges of most agents as the amount of business which we do, and that in connection with the publication of the Scientific American renders to us superior advantage over all other agents.

Having been often complimented by those who have entrusted their business in our care, we here repeat what very many have said. "The best Patent Agency in the United States is at the Scientific American office."

All models, drawings or communications that are sent to the Scientific American office for inspection are deposited from the eyes of the public until the necessary application for securing the invention has been made.

The best of artists are constantly employed to make drawings from models and our corps of specification writers are composed of gentlemen formerly connected with the Patent office at Washington as Examiners.

All communications should be addressed to MUNN & CO. Scientific American Office. POST PAID. (d16) New York.

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 Principia, 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.

a21 11

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 last or 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 600 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. m5 4\*

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. a21 11

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. a28 2m\*

"ATTENTION THE WHOLE."

CITIZENS and Strangers are respectfully invited to visit GURNEY'S DAGUERRIAN GALLERY, 189 Broadway, where Likenesses of the finest finish and most durable materials are taken in clear or stormy weather. N.B.—Paintings, Daguerreotypes, Engravings, &c. copied. m31 3m\*

FAY & GULICK,

Designers and Engravers on Wood, No. 80 Nassau street, Room No. 25. m12 11

E. NEVILLE, WOOD ENGRAVER.

122 Fulton st. corner Nassau. The above is prepared to execute all orders at the shortest notice and on the most reasonable terms.

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JAMES STEWART, 15 Canal-st. and 106 Elm-st. is constantly manufacturing and has now on hand between 60 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 11

BRITISH PATENTS.

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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 m1 11 166 Fleet Street, London.

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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.

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Samples of the oil may be seen at the Scientific American Office. m10 11

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 11

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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, Panel and Rippling Saws. Also, Planing Trowels. J. McDaniel, Concord, Wm. D. Leavitt, Fisherville. RUFUS R. LEE, Manufacturers' Agent, No. 11 Kilby st. (up stairs) Boston, Mass. d30 3m\*

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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. 28, 1848. o28 11

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.

a23 11 NORCROSS & CO. 60 Nassau st.

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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.

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