

TO CORRESPONDENTS.

"G. W. P. of Williamsburg."—It appears to us that the friction will be very much increased by your arrangement, a very important objection, and one that all mechanics should labor to avoid. The smaller the pulley the less will be the friction, a principle well known to all scientific mechanics.

"J. S. of Ky."—Yours of the 13th came safe. We have forwarded the back volumes as per order. The \$3 forwarded for the Gold-ometer, has never been appropriated, and the indications are that "Jose" has absquatulated from the "diggins." Thank you for the interest manifested in the circulation of the Scientific American. We shall probably make note of your suggestions, which are very good.

"D. A. W. of Rochester."—Messrs. Pease & Murphy and Mr. Bently are excellent Boiler makers in this city. Do not know the names of any parties in Albany or Troy. S. C. Hill & Co. are agents for Bently's Boilers.

"J. C. H. of N. Y."—We have an order from Tenn. for one of your machines, and we wish you to box it carefully and forward it to us as soon as possible. You had better consign four of them to Messrs. Norcross & Co.—They are gentlemen of responsibility and experience, and no doubt can dispose of them very readily. We shall forward your letters patent next week by express. They reached us on the 24th inst.

"A. S. of N. J."—We are getting impatient for the desk we contracted for. We must request you to hasten the matter without delay, as we are really in distress. We shall send you a dose of Brandreth Pills to effect a movement if we don't hear from you soon.

"J. A. T. of Ala."—The Camera Lucida is very easily understood, and is designed to instruct those unacquainted with the art of drawing.

"A. R. of Miss."—We know of no work to instruct you in the cutting of tin patterns. The only foundation is in Geometry, that will enable you to be a good pattern cutter. We will publish the information you want in a future number with all that is new on the subject.

"W. G. of Va."—Your communication will be answered in a few days, and if possible all the particulars will be furnished.

"S. P. S. of Ky."—The drilling machine to which you refer is well adapted to stone work. We have operated with it on cast iron and it performs well.

"A. G. and H. D. of Mass."—Your papers funds, &c. came safe, and have been forwarded to the Patent Office.

"R. R. of Geo."—Your machine was shipped by the Southerner, and bills of lading forwarded.

"C. B. H. of N. Y."—We can give you Mr. Geroud's claim. We believe that it is entirely different from your invention.

"W. L. L. of Pa."—The wedge appears to us to be the most destructive on the rail, but more effective as a brake.

"H. L. H. of Va."—Your pendulum is entirely different from any that we have ever seen, and its merits are self-evident. It is a beautiful invention.

"E. J. C. of R. I."—Your plan has been tried before and was a failure. See an article on the subject in the Edinburgh Review of December 1848. Do not be at the expense of a single cent.

"T. B. of N. Y."—Yours has come to hand and we will give it attention.

"A. H. R. of Pa."—If after a trial, your engine was found superior, we would be willing to describe it and illustrate it also, but the hopes which have so often been excited for such engines have proved as yet to be fallacious.

"W. W. R. of N. H." "J. C. M. of Mich."

"H. & L. D. B. of Pa." "S. P., G. & D., and J. J. & C. of Mass." "H. & W. of Ct." "I. F. B. of Geo." and J. B. G. of Ala."—Your specifications and drawings have been forwarded to the Patent Office with fees, since our last issue.

"C. M. M. of Pa."—We forwarded your specification for signatures last Friday week—Please return it as early as possible.

"J. E. W. of St. Louis."—Your letter and contents of the 6th, was duly received. The names you sent were entered according to your

desire. When your model comes to hand we will address you by letter. The advertisement you perceive we have inserted.

"E. R. B. of Wis."—An engraving of your invention will appear in our next number.—Subscriber entered per request We shall have to be furnished with a model before we make your specification and drawings. However your invention is secure for the present, without making further expense.

"J. H. of Ohio."—Your model and funds came safe. The papers will be forwarded for your signature in a few days, together with an assignment, which will be necessary.

"High and Low Pressure Steam," will be answered next week in an article on the subject.

"A. B. of Wheeling, Va."—You will excuse us, we know, for not writing sooner.

Rotary Engine.

Our history of the Rotary Engine is suspended till the Essay on the Patent Laws is finished.

To Our Subscribers.

We would respectfully remind those who are now receiving their papers in single wrappers that if they will exert themselves a little and obtain two, three or more, (the more the better) names with their own, it will render their paper less liable to loss and damage, through the mails. We are obliged to fold the papers for single wrappers in the smallest possible compass, and the post office clerks are more liable to overlook them in their hurry than they would if the wrapper contained three or more papers. Our subscribers, however, have always manifested a deep interest in the circulation of the Scientific American believing it to be the best publication of the kind in the country, and if it merits this high compliment, to its subscribers belong the honor of making it so. If you ask why; we answer by saying that no person reads it, until he has paid in advance for it, a compliment which we are proud of paying our readers. We believe that our old patrons will continue, and we depend upon their generous aid to extend the circulation.

Advertisements.

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 West. All kinds of really good machinery and inventions are wanted, such as stove dressing, barrel making, morticing, eash, 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.

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.

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.

REMOVAL.

HARTSON'S First Premium Tool Manufactory will be removed on the 1st of May from No. 42 Gold street, to Nos. 58 and 60 Vesey street, where he will enlarge his business and be able to meet the great and increasing demand for his superior Turning Lathes, Planing, Drilling Machines, &c.

G. B. HARTSON.

NOTICE.

WHEREAS certain persons have undertaken to manufacture my Patent American Elastic Safety Pins without any authority from me for so doing, thereby endeavoring to deprive me of the means of obtaining an honest living; this is to caution dealers not to purchase the Pins of any agents they may employ, as they will be liable to severe penalties for vending the same. A prosecution has been commenced by me against the said parties to recover damages for the infringement of my patent right.—The said parties are also using Cards with my father's name, James Rabbeth, on them, in conjunction with their own, pretending that they are in partnership. This is a fraud on the public. There is no such firm, as my father dissolved partnership with said parties in 1848, and forbid the parties to make use of his name after that date. Dealers are informed that all pins made by me will have the words "Manufactured by Thomas Rabbeth," on the bottom of each card, and all others are infringements on my patent. THOMAS RABBETH, Patentee, Glastenbury, Conn.

Price of my Pins \$3.75 per gross. a21 2t*

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*

STEAM ENGINES.

WE have on hand a few first rate 5 horse power engines of superior construction complete with pumps, regulator and connecting pipes that we will sell for the low sum of \$250.

Also, we have an excellent 2 1-2 horse power engine complete with boiler, connecting pipes, pump, &c. which we will sell and pay expense of boxing and carting to any pier in New York for the small sum of \$275. It is a beautiful piece of machinery and worth \$400. The boiler is a horizontal one and of proved strength. Terms cash.

The engines are made of the best material and the piston works vertically so that they occupy but little space. Address MUNN & CO. New York, Post paid. a14

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 tf

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*

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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MANUFACTURER of Lead Pencils. Graduated Drawing; writing and Stylographic; and Artist's pencils, Crayons, Everetts, 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 tf

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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 beautiful and substantial manner. Price \$3.

For sale by MUNN & CO. Agents for this city. a21 tf

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FOR TUBULAR BOILERS,

From 1 1-2 to 5 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, 28 Platt street, New York.

d30

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On payment of the yearly subscription to the publishers of the

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of ONE DOLLAR, subscribers will receive gratuitously, a splendid large portrait of PRESIDENT TAYLOR, and also have the chance of securing one of the

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The Weekly Sun for 1849, besides being the best and cheapest Family Paper in the world, will be enriched by a series of ORIGINAL PRIZE STORIES written expressly for this paper, and for which Four Prizes of \$250 have been offered by the Proprietors. BEACH, BROTHERS, Sun Office, corner of Nassau and Fulton sts.

m31 tf

SUPERIOR TURNING LATHES.

JAMES STEWART, 15 Canal-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 tf

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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 166 Fleet Street, London.

m10 tf

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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 tf

SUPERIOR ENGINE LATHES.

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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 tf

m10 tf

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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.

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Boston, Mass.

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N. B.—Paintings, Daguerreotypes, Engravings, &c copied. m31

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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 1y