

TO CORRESPONDENTS.

"P. F. of C. W."—An electro magnetic engine is simple. It is simply a walking beam, connected at one end to a shaft by a crank, and the other end attached upwards by an electro magnet—and the circuit broken to give it a reciprocating motion.

"J. G. J. of Me."—Your letter of the 7th is received with contents. We are about making such arrangements as will warrant us to engage in the sale of your mills but as yet our plans are not fully consummated.

"C. R. of Mass."—We have written twice for the claim but have not got it yet, but will in all likelihood in a few days.

"T. S. of S. C."—You enquire, how you can braze cast iron. We should like to know how to do this ourselves, and so would thousands of others.

"C. D. R. and N. M. of Ms." "T. & E. B. of N. Y." "G. W. of Me." "L. B. W. of Vt" "A. J. of R. I." and "D. C. F. of Va."—Your specifications and drawings have been forwarded to the Patent office and certificates of deposit sent as full payment for the amount of fees.

"R. S. C. of Mich."—Your Camera Lucida was forwarded by express last Tuesday.

"H. S. of N. Y."—You will see the receipt upon our last page. It is the readiest way we could send it. Use more of the chlorate and sulphur, as you want them good.

"E. C. of P."—You will see by last Scientific American that Electro Magnetic engines are not new. We know not wherein Mr. Page's differs from others.

"W. H. D. of Ms."—Your machine for gold washing seems very novel and is certainly worthy the application for letters patent. It is the best machine we have yet seen for the purpose which you design it and at the present time the amount of sales would at once pay the expence of a patent—send on your model and your business shall be promptly attended to.

"H. W. C. of Ms."—Your patent business is progressing and the papers will be sent to you for signing next Monday.

"I. F. B. of Ga."—Your model has come to hand and your business shall receive immediate attention.

"E. H. of Ms."—We shall send your caveat for signatures in a few days.

"J. M. M., C. E. of Pa."—Thank you for the favor of the 7th. We shall be pleased to hear from you at any time; those communications are well received.

We have a number of communications which we shall answer next week.

Next week we shall present splendid engravings of a new machine for morticing the frames of Blinds. It is a beautiful and ingenious machine.

Hints to Dyspeptics.

This is a very neat and useful volume for 25 cents, by Joel H. Ross, M. D. of Amity st, this city. It treats of diet, exercise, air temperature, &c. and does so in a very pleasing and entertaining manner.

Bust of General Taylor.

We have received from Thomas Blanchard, Esq. a small marble bust of the President, carved by his machine. Those who are desirous of seeing the perfection of machine labor, can see the old hero, by giving us a call.

Universal History of the World.

No. 4, vol. 2 of this splendid and able history by G. C. Hebbe, LL.D., has just been issued by Dewitt & Davenport, Tribune Buildings.

The "Farmer and Mechanic," a monthly periodical published at Toronto, Canada West, by Eastwood & Co., is a very good and valuable work, containing much information for farmers especially.

Publishers' Notice.

Those of our subscribers who have paid but one dollar on the present volume of the Scientific American, will please bear in mind that their subscriptions expire with this number.

Advertisements.

This paper circulates in every State in the Union, and is seen principally by mechanics and manufacturers. Hence it may be considered the best medium of advertising, for those who import or manufacture machinery, mechanics tools, or such wares and materials as are generally used by those classes.

Table with 2 columns: Description of ad space and Rate. Includes rates for one square, two do., three do., one month, three do., six do., and twelve do.

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A Good second hand Lathe, one that will turn pulleys 4 feet diameter and shafting 14 to 16 feet in length. Apply to JOHN G. WINTER, 54 Wall st.

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Lap welded Wrought Iron Tubes FOR TUBULAR BOILERS.

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.

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WITH 10 Horse power Engine, in the city of Brooklyn will be let low to a good tenant and possession given immediately. Apply to WM. MARSHALL, or JOHN THURSBY, from 10 to 12 o'clock A. M. at JOHN E. FORBES, 103 Wall corner of Front st.

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FINE Foundry Sea Coal dust, an approved article regularly used in the New York Foundries to mix with sand to make the sand come off the Castings easily; also fine bolted Charcoal, and Anthracite Foundry Blacking, Soapstone Dust, and Black Lead Dust, for sale in Barrels by GEORGE O. ROBERTSON, 283 West 17th st. New York.

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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.

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.

KNOW THYSELF.

THE AMERICAN PHRENOLOGICAL JOURNAL—For 1849.

EDITED BY O. S. & L. N. FOWLER.

To reform and perfect ourselves and our race, is the most exalted of all works. To do this, we must understand the human constitution. This Phrenology, Physiology, Physiognomy, and Vital Magnetism embrace: hence fully expound all the laws of our being, and condition of happiness.

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Each number will contain the analysis and location of some phrenological faculty, illustrated by an engraving, or an article on their combinations, with instructions to learners.

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Health is life, the great instrument of talent, virtue, and happiness, all of which it augments. To its preservation and restoration, special attention will be given.

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With practical instruction, infusing facts, and those choice truths which it unfolds, will be presented in this Journal.

YOUNG MEN.

The blessings they enjoy, the influence they can wield, and their preparation for conducting our institutions, will form the theme of a series of articles.

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Clinton Hall, 131 Nassau-st. New York. Volume Eleven commences January, 1849—All subscriptions will commence and close with the year.

Editors who copy this prospectus, will be entitled to an exchange. m34t

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Instructions to Inventors can be had gratis, on applying to Mr. THOMAS PROSSER, 23 Platt Street, New York; as also the necessary forms of Petition and Declaration for British Patents.

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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.

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. m3

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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.

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DICK'S ANTI-FRICTION PRESS.

THIS Press, which was patented in October last, combines great simplicity of construction with intense severity of operation, compactness, convenience for use and cheapness, and is admirably adapted to a great variety of purposes, such as pressing Oils, Cotton, Tobacco, Hemp, Hay, Cheese, Cloth, Paper &c.; Baling goods; Embossing and Printing; Envelope Cutting; Jeweller's work; Shearing Metals; Hoisting vessels into docks; Gumming Saws; Making Lead-pipe; Punching, Rivetting and Cutting Iron &c. &c. Orders and Communications to be addressed to WM. D. HARRIS, j6 3m* Agent for the Patentee, 138 Front st. N. Y.

POWER LOOM HARNESSES.

Middle Street, Newburyport, Mass. WILLIAM DICKINSON Jr. would most respectfully inform the manufacturing public that he has commenced the "Heddle" making business in all its branches and is prepared to receive orders for all kinds of Harnesses which will be executed in a superior style and on terms as reasonable as at any other establishment (including Cotton and worsted, plain and fancy harnesses for weaving every kind of goods.) Agents and other who are intrusted with orders of this kind may rely on having their work done promptly and in a satisfactory manner.

N. B. The subscriber having had 5 teen years experience in the harness making business in England and upwards of six years in America hopes this will ensure him a share of public patronage. f106t*

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. f8 SAMUEL C. HILLS, Patent Agent.

PREMIUM SLIDE LATHES.

THE subscriber is constantly building his improved Lathes of all sizes, from 7 to 30 feet long, and can execute orders at short notice. JAMES T. PERKINS, Hudson Machine Shop and Iron Works, Hudson, N. Y. m11

GURNEY'S PREMIUM DAGUERRIAN GALLERY.—No. 189 Broadway.

The oldest establishment of the kind in the city. All persons wishing a perfectly finished Picture in every respect would find it to their advantage to call and examine the Pictures taken by his New Process and for which the first Premium, a silver medal, was awarded at the late fair of the American Institute for 1848. d16 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. 26, 1848. 028 1y

HARTSON'S FIRST PREMIUM TOOL MANUFACTORY.—42 Gold st. N. Y.

WHERE he continues to manufacture at short notice his Superior Turning Lathes, Drilling, Slotting, Bolt and Gear Cutting Machines of all sizes, together with all other tools required in engine and Machine Manufactories. All made in the best possible workman-like manner. Each tool is carefully adjusted before leaving the manufactory. Communications for particulars cheerfully responded to by addressing, (Post paid.) j133m. G. B. HARTSON

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LEAVITT & M'DANIEL, Fisherville, N. H., Manufacturers of Mill, Circular, Tennon, Cross-cut, and Pit Saws. Also, Felloe, 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 Rippling Saws. Also, Plastering Trowels. J. McDaniel, Concord, Wm. D. Leavitt, Fisherville. RUFUS R. LEE, Manufacturers' Agent, No. 11 Kilbyst. (up stairs) d30 3m* Boston, Mass.

Z. C. Robbins,

Consulting Engineer and Counsellor for Patentees. Office on F street, opposite Patent Office, Washington, D. C. j20 tf

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A Premium and Diploma were awarded by the New York Rensselaer Co. Fair, to S. Lichtenhaeler, for his patent Blind fixtures, being an apparatus for Opening and Shutting outside Window Blinds, from the inside of the house, without raising the sash.

Persons desirous of obtaining patent rights of this invention for any of the Southern or Western States, will apply to the undersigned Patentee (the rights for the states of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, Michigan, Ohio, Pennsylvania, Delaware, Maryland, the 11 northern counties of New Jersey, and the District of Columbia, are all sold off.) S. LICHTENTHAELER, Litiz, Lancaster, Co., Pa.

NOTICE.—All power of attorney given to C. H. Farnham, has been cancelled, and is hereafter null, and void, and he is therefore no longer authorized to sell, or transact any business appertaining to the above invention for me S. LICHTENTHAELER. j27 2m*

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