

TO CORRESPONDENTS.

"T. J. K., of Va."—There are several different kinds of hay presses in use in this country, but we have no information where one could be purchased. Would be pleased to inform you if we could. \$1 received.

"S. P., of Conn."—A Microscope of the power indicated in your letter can be bought for \$25. If you will send us the money we will make the purchase for you with pleasure.

"P. F., of Canada West."—Such a work as you refer to can be purchased here for \$1.50. We noticed that your note bears date June 18. It has but just reached us, from some cause.

"W. H. S., of Baltimore."—There is no good work published upon the screw propeller, that we know of.

"S. H., of N. Y."—No. 34 of Vol. 4, cannot be supplied, we should have sent it with the other papers, if we had it.

"J. H. B., of S. C."—We can furnish you Vols. 3 and 4 of the "Scientific American," bound, for \$2.75 each; volumes 1 and 2 are completely exhausted, and have been for a long time. We would say to all our subscribers that Vols. 3 and 4 in sheets cannot be furnished complete. At the commencement of Vol. 4 we printed 12,000 copies weekly, thinking the edition would be sufficiently large for all orders. We now print 15,000 each week, and request that persons intending to subscribe will do so early, in order to insure a complete volume.

"J. R. L., of Pa."—It is not possible to get unbiased information in every patent case. In regard to the Franklin Institute, its officers are above the conduct you attribute to them. Judge Kane's opinion was incorrect, and his decision was wrong, and was justly reversed by Judge Grier. The holes in the stove will answer better for coal than wood, but should answer for wood also. They should be about one fourth of an inch in diameter. It is free property.

"M. F. H., of Ala."—Your discovery is simple and therefore beautiful. As it regards an extensive survey of abstract science, it is not in our power to do so. The few only appreciate the labor and desire the pleasure. The direct application of it, to the arts, is our grand object, and having learned from experience, we have adopted a rule of not publishing such matter.

"J. M. M., of Geo."—We will try at some future time to illustrate the subject you speak of, but at present we cannot, from other engagements. We had thought that the majority of our readers had seen an electro-magnetic engine.

"A. K., of N. Y."—In every case a multiplicity of gearing should be avoided. There is no way of arriving at right conclusions but by experience. If the statement made by you is correct, "regarding a gain of power by an intermediate shaft, without any ultimate change of speed," we cannot see why. Let it be clearly demonstrated, and then it cannot be gained.

"H. H. G., of N. Y."—Your plan of uniting the reciprocating engine and the rotary, is not new. The using of waste steam from the reciprocating engine, transferring it to a rotary, has been used in various ways for some time. Your invention is not new, and we would advise you to waste no more money upon it; it can never operate advantageously, and besides, if it could, it is too well known to be considered of sufficient novelty for a grant of letters patent.

"B. & Bro., of Md."—The numbers you refer to will be of no use to us, but we are much obliged for the notice. Complete sets of Vols. 1 and 2 are valuable. Nos. 5 and 29 sent.

"J. R. G. of Va."—The turning lathe was forwarded on the 4th, in the bark Memento, via Richmond, to the care of your brothers C. B. & J. G.—bills of lading sent by mail.

"L. F. M., of N. Y."—We have received yours, and will give it due attention.

"M. A. E., or N. Y."—We should like to render you the assistance sought for, but we are not particularly acquainted with any concern in the business. If we should hear of any chance we will inform you.

"E. C. of S., Ct."—Your communication has been received. We have given you credit for 3 copies of the Sci. Am., \$2 more will pay for the 5 copies to the close of this Volume.

"W. H. H., of Baltimore."—Your package of documents has been received, and will receive due attention—accept many thanks for your numerous favors—believe, we appreciate your kindness.

"A. P., of Oswego."—The specification of your invention was forwarded to you on the 24th of Sept. Why have you not returned it? "Delays are dangerous," and sometimes fatal.

"J. B., of Va."—It is time your specification was returned to us. Hurry it up.

"I. S., of Mich."—The drawings and specification of your invention have been executed, and the latter is ready for your signature.

"R. L."—The documents have been received and forwarded to the Patent Office.

"L. B. of Ala."—We are awaiting the arrival of your model and on its reception shall proceed at once with your business.

"A. D. B., of Geo.; A. B., of N. Y.; R. S. T. Va.; N. B. R., of N. J., and C. N. B. of Ct."—Your specifications and drawings have been lodged in the Patent Office, and the fees paid.

"A. C. C., and De B., of Mass.; J. F. and W. B. R., of Worcester, and P. Van B., of N. Y."—Your specifications were forwarded to you for signatures during the last week, we hope you will execute them early and return them immediately.

E. R. & A. J. P. of N. Y., D. S. G. of N. H., and G. S. & P. of N. J.—Your applications, will receive attention in their turn and the specifications will be sent your address for signing as soon as prepared.

Money received on account of Patent Office business, since Oct. 3, 1849:—

D. L. G. of N. H., \$30; E. R., of N. Y., \$30; A. C., of Vt., \$20; S. S. R., Tenn., \$25; D. S., of Mass., \$10; C. R. S., of Me., \$100; N. P. W., of Ct., \$25.

ADVERTISEMENTS.

HOLDEN'S DOLLAR MAGAZINE. The present proprietor of this popular Magazine in continuing its publication, is determined that it shall lose none of its merits and attractions which it possessed under its former one, and which has made it so desirable a Periodical for Family Reading. It is made up of Tales, Translations, Essays, Biography, Poetry, Sketches of History, Sentiment and Humour, Reviews, Criticisms and Topics of the month, by writers of the highest order of talent and its literary merits are unsurpassed. It is furnished at the low price of One Dollar a year, in advance, the yearly volume containing 768 pages, making it the best and cheapest Dollar Magazine published. Five copies will be furnished for \$4, and twenty copies for \$15. Letters must be addressed, HOLDEN'S DOLLAR MAGAZINE, No. 109 Nassau Street, New York, (post-paid). Money may be sent at the risk of the proprietor, provided a description of the bills are kept, and mailed in the presence of the postmaster as evidence of the fact.

W. H. DIETZ, No. 109, Nassau St., Proprietor. 4 1 m*

THE YANKEE BLADE.—A large and handsomely printed Weekly Journal, devoted to Literature, Art, Education, Morals, Criticism, Fun, News and Story Telling—and especially desirable to the Family Circle. Published every Saturday, at \$2 per annum, in advance.

All letters, (post-paid), should be addressed to MATHEWS, STEVENS & CO., Publishers "Yankee Blade," No. 12 School street, Boston, Mass. N. B.—Any person desirous of receiving a copy of the Yankee Blade, as a sample, can be accommodated by notifying the publishers by letter, post-paid.

OPINIONS OF THE PRESS. THE YANKEE BLADE.—Our readers need not be told that the Yankee blade is an excellent paper. The fact is known and undisputed among all communities into which the paper has been introduced and wherever the name of Mathews, its worthy and accomplished editor, has been made familiar. It gives us pleasure to notice that the labors bestowed on the Blade are justly appreciated by the reading public, and that the editor finds consolation and reward, as well in its popularity, as in the more substantial evidences of friendship and patronage. Very recently, the Blade came to us as bright and shining, and as clear of the least particle of rust, as though it had never before been in use, and when we took it up and turned it over and over, examining its smoothness and keen glittering edge, we could not feel less than gratified at the success of our Yankee friend, and could not do less, the first opportunity, than express all that we felt.—[Godey's Philadelphia Dollar Newspaper.]

To those of our readers who take Eastern Literary newspapers we recommend the "Blade," and assure them that they do not, nor cannot take any that is superior, while many of those blank sheets filled with trash that they do take, are as far inferior to the "Blade" as anything perfectly worthless can be to a valuable article. Copies can be examined at our office.—[Shelly (KY.) News.]

Neat and nice—sharp and shining, it will cut its way well through the world.—[Franklin (Tenn.) Review.] The Yankee Blade is edited with a great deal of ability and humor, and well merits the general favor it enjoys.—[Boston Post.]

There was never such a Blade as that same; none of your vulgar mercantile jackknives, but a real "Rogers," bidding us look out for our fingers whenever we open it.—[St. Louis Reveille.]

Z. C. ROBBINS, CONSULTING ENGINEER AND COUNSELLOR FOR PATENTERS. Office on F street, opposite Patent Office, Washington, D. C. j20 if

Patent Agency.

From our long acquaintance and experience in Patent Office business we have no hesitancy in asserting that we are better able to judge the merit 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 a out 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 advantages 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 U. States is at the Scientific American office."

All models, drawings or communications 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.

PARKER'S WATER WHEEL.—The Subscriber offers rights for Sale, by Counties or States, of the Best Water Wheel for Grist Mills, in the United States, which will grind a bushel of corn from three to eight minutes, under a head of water from five to ten feet. It being at the same time simple and durable; any person purchasing a State right will be furnished with a model, and by addressing the Subscriber at S. C., will have all satisfactory information given. 4 3 m* EMANUEL PARKER.

ENGINE LATHES.—The Subscribers are now manufacturing, and have constantly on hand, an extensive assortment of the best patterns of Engine Lathes, which they offer at the following prices:—A Lathe 8 feet long, swing 19 inches, with back and screw gearing, drill chuck, centre and follow rest, \$200; ditto, without screw gearing, \$150; ditto, without fixtures, \$150. For particulars of other sizes, address, (post-paid) SCRANTON & PARSHLEY, New Haven, Ct. Munn & Co., Scientific American Office, are Agents for the above Lathes. Universal Chucks for sale at \$15. 4 3 m*

NOTICE TO CAPITALISTS.—We are authorized, by a company in the State of Ohio, to call the attention of those interested in the manufacture of flour and woollen goods, to the sale of a large and well established concern in one of the best regions of the great State. The ill health of the partners compels them to retire from business. The full-particulars in relation to the above property, may be had by personal application to the subscribers, or by letter, post-paid. MUNN & CO., 128 Fulton st., N. Y. 3 6*

DAGUERRIAN MATERIALS.—JOHN ROACH, Optician, 79 Nassau st., N. Y., is manufacturing American Cameras of imported Flint Glass, which are warranted equal to any. Also, on hand, Voightlander Cameras, Plates, Cases, Chemicals, &c. Galvanic Batteries for gilding and silvering. Electro Magnetic Machines for medical purposes. Thermometers wholesale and retail. Object Glasses of various sizes, ground to order and warranted achromatic. 2 10*

LAW'S NEW PLANING MACHINE.—For boards and plank, is now in operation in this city—planing, tonguing and grooving at the same time, with rapidity and beauty. It is believed to be superior to any other machine, as it will do the work of two or three rotary machines, and for all Southern, and the majority of Northern lumber, the execution is much better. Machines, with rights for States, or Counties, can be had by applying to the subscriber, at 216 Pearl street, or at Collyer & Dugand's mill, foot of West Fourteenth street, where the machine is at work. 2 11 H. LAW.

DANIELS' PLANING MACHINES.—Manufactured by BALL & RICE, successors to Thomas E. Daniels, Worcester, Mass. All orders promptly attended to, and at such prices as cannot fail to give satisfaction to all who may favor us with their business. 2 3 m*

STEAM ENGINES FOR SALE.—A number of Steam Engines, of one, three and five horse power, will be sold cheap, at No. 2 Bethune st., N. Y. They are all made of the best materials, compact, and well put together, and can be seen running. This affords a good opportunity to those who wish to purchase. Address J. WILEY, as above. 2 3*

THOMAS E. DANIELS' PLANING MACHINES.—Manufactured by HOWE, CHENEY & CO., Worcester, Mass. All orders for the above machines executed at short notice and satisfactory prices. 2 4 m*

PAPER MANUFACTURERS.—A gentleman who was bred a Papermaker, and who has carried on the business 10 years himself, and for the last 4 years has been engaged as foreman for a large manufacturer in Massachusetts, is thoroughly acquainted with manufacturing all kinds of paper, and with all the modern improvements, and can produce the best of reference, wishes for a situation as foreman in a papermill, in one of the Southern or Western States. A line addressed to L. A. FLETCHER, Lowell, Mass., will receive prompt attention. 1 4 t*

PHILOSOPHICAL AND CHEMICAL APPARATUS for Colleges and Schools, and Engineering Instruments.—JAMES GREEN, 175 Broadway, New York, and 43 South street, Baltimore. Manufacturer and Importer of every kind of Philosophical and Chemical Apparatus, and Optical and Mathematical Instruments, Barometers, thermometers, telescopes, Drawing Instruments, pocket Compasses, &c. wholesale and retail. Experimental Apparatus and Models made to order. 1 3 m*

MACHINERY.—Messrs. NORCROSS & CO., Agents for the purchase and sale of Machinery, have transferred their business to the subscriber, who offers his services in said line at 43 Fulton street, New York. SAMUEL C. HILLS, Machinery Agent. 1 4 t

GUN FOR SALE.—A fine sporting Shot Gun, of English manufacture and of superior finish, for sale at this office. It belongs to one of the proprietors of this paper and will be sold for \$25; it is nearly new and cost \$50. Address "Scientific American." 1 4 t

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, 2 1 t
Cottonman,
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 \$500. A specimen of this description may be seen at his factory as above. j27 tf

TO MANUFACTURERS OR CAPITALISTS ABOUT TO COMMENCE THE MANUFACTURE OF COTTONS.—The subscriber, brought up with Messrs. Samuel & Jno. Slater, at operating and building cotton machinery, and for the last twenty years has travelled through several of the United States, setting up and building, on the most approved plans of modern invention, now offers his services as Superintendent, and is ready to introduce a new system, greatly reducing the cost of manufacture, and at the same time making better goods than ever was in the market. Please direct, post paid, to G. W. HOWARD, 225 Eddy street, Providence, R. I. 4 9 2 m*

FAIRMAN'S PATENT UNIVERSAL CHUCK, FOR LATHES.—Oliver Snow & Co.'s Hand Planing Machines, also Lathes for dentists, Jeweller's, Wood Turners, &c. Lathe Wheels, Bands, Hooks and Eyes, Circular Saws, Saw Mandrills and every other description of Tools for Machinists, Carpenter's, Coachmakers, &c., constantly on hand at WOOD'S old established Tool store, corner of Chatham and Duane streets, New York. Planes made to order and warranted. Carpenters' and amateurs' Tool Chests, &c. 4 9 3 m*

BRITISH PATENTS.—Messrs. Robertson & Co., Patent Solicitors, (of which firm Mr. J. C. Robertson, the Editor of the Mechanics Magazine from its commencement in 1833, is principal partner,) undertake THE PROCURATION OF PATENTS, for England, Scotland, Ireland, and all other European Countries, and the transaction, generally, of all business relating to patents. Instructions to Inventors can be had gratis, on application 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. ml tf

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, Maine, and Albany, New York. J. G. JOHNSON, Augusta, Me., Oct. 25, 1848. 028 1 y

LAP WELDED WROUGHT IRON Tubes, for Tubular Boilers, from 1 1/2 to 8 inches in 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. ml

TO INVENTORS.—The subscriber begs leave to inform inventors and others that he manufactures working models of machinery &c. in a neat workmanlike manner. Patterns of every description made for Castings. Scroll sawing neatly executed.—Mathematical and Nautical Instrument Cases of every description. JOSEPH PECKOVER, 240 Water street N. York, (between Beekman st. and Peck Slip.) j30 3 m*

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, y25 4 meow 303 West 17th street, New York.

DEE'S AMERICAN CAST STEEL Works, (at the foot of 24th st., E. River, N. Y.) The above works are now in successful operation, and the proprietor would respectfully call the attention of machinists and all consumers of the article to an examination of his Steel, which he is warranted by the testimony of the principal achinists and edge tool makers of this city, in recommending as fully equal in every respect to any ever used in this country. A full assortment of the different sizes constantly on hand, which the public are respectfully invited to call and examine at the office of DANIEL ADEE, 51 6ms 107 Fulton street, New York.

BLAKE'S PATENT FIRE PROOF PAINT, from Ohio, which in a few moments turns to slate or stone, protecting whatever covered from the action of the weather and from fire. Purchasers should be particular and see that every barrel is marked "Blake's Patent Fire Proof Paint," as there is any amount of worthless counterfeit stuff in the market, called fire proof paint. The genuine article for sale by the patentee, at No. 3 Broad st., N. York. 51 12* WILLIAM BLAKE.

NOTICE. The Second EXHIBITION of the MARYLAND INSTITUTE for the Mechanic Arts, will be held at Washington Hall, in the City of Baltimore, from Thursday, 27th of September, to 15th October, inclusive. Machines, models, or goods sent to the address of H. Hazelhurst, Corresponding Secretary of the Institute, (expense paid) will be met with immediate attention, and every facility used to exhibit the same to the best advantage. j16 4m

FOREIGN PATENTS.—PATENTS procured in GREAT BRITAIN and her colonies, also France, Belgium, Holland, &c. &c., with certainty and dispatch through special and responsible agents appointed, by, and connected only with this establishment.—Pamphlets containing a synopsis of Foreign Patent laws, and information can be had gratis on application to JOSEPH P. PIRSSON, Civil Engineer, Office 5 Wall street, New York. 3 tf

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