

TO CORRESPONDENTS.

"S. W. of Miss."—Thank you for these favors. We have forwarded receipts and a quantity of No. 20.

"J. A. H. E. of N. Y."—We are carefully preparing some articles on Latent Heat. We see nothing in your calculations to make us change the opinion we have expressed already. You will not perhaps be satisfied until you make some experiments on a small scale, but many have made great mistakes in considering specific to be latent heat.

"J. S. of N. Y."—Your plan is to use the steam over and over again. The plan you propose appears to be correct, but in our opinion a much better mode is to use the steam at a good pressure and cut off at one third and then exhaust—you get the use of the vacuum and the benefit of the expanded steam. It takes fair experiments however in these things to determine their merits fairly.

"J. A. of Vicksburg, Miss."—Yours has just come to hand. We will give it attention. At present we would state that no person would believe unless he had examined the history of navigation thoroughly, that so many propellers, paddles, &c. had been invented.—One on the same principle as yours we should think, has been patented by Mr. C. Keller.—It is not in public use.

"N. G. F. of N. H."—The model of your Car Coupling, reached us by Express. The improvement over your previous model is very excellent, and we see nothing in the combination to prevent your success. Please forward the caveat fee \$20, and we will attend to the business at once.

"J. H. of Va."—The principle of your engine is not new. Several attempts have been made embracing the same general features. They will not answer, and you had better not spend time or money in experiments.

"J. T. M. of N. Y."—Turn to page 204, vol 3 Scientific American, and you will find an engraving of your principle.

"H. B. of Md."—You would probably require a boiler 3 feet long, and 1½ feet in diameter. We calculate the engine to be about 1½ horse power.

"E. S. G. of N. Y."—The great question is, to prove that Mr. Blanchard was not the original inventor. Several have tried and failed in the attempt. If you can do so, the laws will sustain you. This is the grand point at issue.

"A. S. of Ky."—By referring to advertisement you will find that vols. 1 and 2 are completely exhausted. The back numbers of the present volume have been forwarded to B. & H., except Nos. 1 and 2, which are all gone.

"A. B. W. of Mass." "J. A. P. of N. Y." and "R. S. T. of Pa."—The Caveats of your inventions have been duly filed.

"A. J. F. of Mass." Mrs. D. of N. Y." "S. C. C. and C. C. of Ct." "J. H. of O." "N. B. C. of N. H." "R. S. T. of Pa." and "W. N. F. of R. I."—Your specifications have been forwarded to the Patent Office with fees.

"D. S. of N. Y."—The suggestions you advanced in regard to your specification are of no avail. What we have claimed for you covers all that you desire. The papers have been sent to Washington with fee.

"H. B. of Pa."—The model of your Stave Machine was shipped to Lanesboro last Tuesday by the N. Y. and E. Railroad.

"N. & W. O. of New Orleans."—Your order for the diagram of the Condensing Engine was filled and the parcel shipped on board the schr. "Ophelia," last Saturday, (May 12.)

"F. J. V. of Pa."—No person has a right to use it but B, if sold to him as an individual right by A. But all this will depend upon the contract made—it is a question of common law and must be judged by it—not by any section of the Patent laws, and a jury will decide the amount of damages (if any) in view of all the circumstances.

"A. R. S. of Geo."—Yes; we still retain that beautiful English Sporting Gun, and if you desire it we will ship it to your address on the reception of \$30. It is a gun which cost, and is worth a great deal more money, but as the advertisement which appears in the Scientific American of March 10 stated, we have no use for it, and had rather sell it for half its worth than to long retain it.

"E. C. of Mass."—You can retain the odd papers, and we will endeavor to supply you with missing numbers if you will inform us what ones you want at the end of this vol.

"L. B. of Ind."—Messrs. Berard & Mondon of this city, are publishers of Spanish books.

"W. W. of Md."—Your model has not come to hand yet.

"B. B. of N. Y."—The specification of your Railroad Brake has been long completed and we should like to be informed why you do not call and see about it.

"J. H. of O."—Your specifications and funds were duly received and the former has been forwarded to the Patent Office with a certificate of deposit for the amount of fee.—The assignment which you sent was correct and has been forwarded to be recorded.

"D. S. of Pa."—The results of your arrangement have been produced before. Your plan may be a different method of producing the same results; if so it forms the subject of a patent.

We have a lynx-eyed person on the track of a Mr. Van Vleck, who has been figuring quite extensively in this State soliciting subscribers for the Scientific American. It is our object to bring him to justice as speedily as possible. If we succeed in securing this consummate — we shall pour the mighty belchings of our Vesuvius upon his head.

Hats, Hats.

Whoever wants a good hat should not forget our friend Knox, No. 128 Fulton st., below our office. As the head is the most honorable part of man, it should be adorned in the first of fashion with one of Knox's chapeaus.

Advertisements.

LONDON PUBLICATIONS.

THE undersigned have been appointed Sole Agents for the United States for the sale of the following celebrated works, edited and conducted by William Carpenter, Esq.
The London Repertory of Patent Inventions published in monthly numbers at 75 cents each.—January, February and March numbers received.
The London Law Report of Patent Cases, vol. 1, complete, 700 pages, with an index, bound, at \$5.
The English Patent Laws, (bound) \$1.25.
The Index of Repertory and List of Patents granted for 1815 to 1845, (bound) \$4.50.
The public will understand that the above publications cannot be obtained at any other place in this Country, except ordered through the publishers of the Scientific American. Orders will be promptly supplied, and the Repertory furnished every month by the steamers to persons wishing it regular.
MUNN & CO 128 Fulton st. m19

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 "STATE RIGHTS," no application for town or county rights will be noticed. A party, however, purchasing a State right, may, should he think proper, grant town or county rights. Terms Low.

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.

"LONDON, Oct. 16, 1848.
I have examined West & Thompson's 'CLASP COUPLING JOINT,' and am of opinion that the joint is simple and effective, and will, I have no doubt, become largely used in this country.

"WILLIAM CARPMAEL."
LONDON, March 10, 1849.
It has the merit of being at once extremely simple and of manifest efficiency.

"JOSEPH CLINTON ROBERTSON."
LONDON, March 10, 1849.
This invention has been examined by the most celebrated Engineers in the Kingdom, and pronounced to be the simplest and most effective joint for Steam, Gas, Water, and other fluids ever introduced.

"BARLOW & PAYNE."
LONDON, January 20, 1849.
This invention is much admired for its simplicity, ingenuity, and effective operation.

NEWTON & SON,
All letters must be postpaid, and addressed to CLINTON G. GILROY, Tribune Buildings, New York. m19 1t

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QUARTERMAN'S Improved American Atomic Drier, adapted to all kinds of Paints and Painters' colors. Sold wholesale and retail, at 114 John st New York. m19 3m

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m19 8t 129 and 131 Nassau st. New York.

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 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.

BLANCHARD'S MACHINE.

Messrs. Editors.—From an advertisement in your paper of John Kimball, offering for sale a machine recently patented, for turning Lasts, Spokes, &c. it may be of interest to your numerous readers to know that Thomas Blanchard sometime since legally noted Mr. Kimball for infringement on Blanchard's right, and held him under bonds for damages. The case would have been tried ere this had the defendant been ready for trial. The plaintiff has been at all times ready, and it is expected the case will come up before Judge Woodbury in Boston before the close of this month, or early in June. A machine similarly constructed has been passed upon as a violation of Blanchard's right by Judge Nelson in the Connecticut Circuit. I have seen the Kimball machine in operation, and it has all the distinguishing features of Blanchard's machine for turning irregular forms. A. K. CARTER, Newark, May 14 1849. m19 1t

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.
Vol. 3 Scientific American for sale, bound \$2.75, in sheets \$2. Vols. 1 and 2 are completely exhausted. a21 tf

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,
m5 4t 43 Tremont Row, Boston, Mass.

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, 215 Pearl st. N. Y. a28 2m

FAY & GULICK,

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

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FINE ground Sea Coal, an approved article to make the sand come off the Castings easily; fine bolted Charcoal Blackening; high fine Dust, and Soapstone Dust for facing Stove Plates, &c. &c.; also, Black Lead Dust, for sale in Barrels, by
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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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Brass and Wood Turner's Lathe.
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

BRITISH PATENTS.

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PATENT OFFICE
166 Fleet Street, London. m1 tf

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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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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 ly
Messrs. Norcross & Co. No. 60 Nassau st. New York, are Agents for the sale of my Shingle Machines.

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.

a28 tf NORCROSS & CO. 60 Nassau st.

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