TO CORRESPONDENTS.

R. W., of Pa.—There can be no doubt about the excitement respecting reaping machines: we are glad to see such an interest manifested by our farmers for improved machinery, and appreciate your acknowledgments respecting the good which the Sci. Am. has done in this field. We are collecting reliable information respecting reaping machines; we shall publish the same with some engravings in our next volume. We shall have something to say about old Reapers.

R. S, of Ill.—We know of no manner in which you can prevent parties, who manufacture from the same machine, selling their products to go into the limits of your territory. It is the machine that is patented, and the Letters of Grant do not cover the products. Perhaps your assignor has a special clause attached to his assignments, which confine each assignee to the sale of the product in his own territory, in which event the party, from whom you received your grant, could interpose and prevent others from obtruding their products upon your territory.

F. A. L, of Mass.—A patent was granted not long since for embedding imitation of marble chimney-pieces, painted on glass, into an iron case, by means of cement.

J. P. O., of Pa.—The information you solicit respecting the price of seamless stocking looms we can not give.

G. D., of N. Y.—We believe your mode of attaching hubs to axles is new and patentable. We have never seen the like before.

S. L. S. of Ohio—We have never seen the machine patented by Mr. Smith, but from the nature of his claim we should think your drill an improvement on his. We are more strongly of the opinion than ever that your machine would receive a patent on certain points, but we could not so well define the particular points on which to base the claims until we have a model to examine. Your subscription expired at No. 43, but for the dollar enclosed in your last letter we have re-entered your name for another six months. Sent back numbers.

G. E. D., of Me—The notice must have got into your paper by mistake: your subscription is paid to the middle of next volume.

W. G H, of Pa.—We have now credited you for the whole of Vol. 8.

T. H., of Pa.—Oxygen is not that which makes what we call "impure or bad iron," other matters, sulphur, phosphorus, &c., are the evils. Nitrogen would be of no use in a furnace; there would be no combustion without the oxygen. No oxygen is admitted into a crucible; the charcoal does absorb the oxygen during combustion.

J. S., of Ohio—It is a common custom, in the East Indies, to hang up mats in the windows of the houses and keep them wet during the hot season. The air passes through the moist mats, and the evaporation enables Europeans to bear the weather tolerably We have never heard of a blanket arranged like a syphon, as you have done, nor has it ever been applied to the same apparatus before. We believe it to be good and patentable.

A. K., of N. Y.—A patent for a life-preserving hat was patented in this country, in 1840, by an Englishman of the name of White. The plan you suggest seems to be precisely the same as the one described in the patent alluded to.

P. S., of Iowa—The Patent fees are required at the time the application is made. It will be necessary that you forward the model to us, accompanied with government fees ($30), free of expense. The examinations are about three months behind at the Office.

T. S. P., of Pa—The first 26 Nos. of Vol. 7, Sci. Am, we will send you on receipt of $1. For further information concerning the Voltameter Battery, address George Mathiot, Washington, D. C.

S. B., of O.—We regret to be obliged to inform you that neither of the plans you submit are patentable.

L. J. G., of Md.—If your pump will work as you have illustrated it by diagram, you have an important invention. The best thing you can do is to build one and try it; we predict it will not operate at all.

B. D. G., of S. C.—If you will turn to the 4th page of your second volume of the Sci. Am., you will find the full claims of Howe's Sewing Machine.

G. G. C., of N. Y.—There are more than one patented machine for making mouldings. The work is done by machinery in this city, in a number of establishments.

E. C., of Boston—We know of no portable mills with bolts attached that are kept for sale in this city. Your subscription would have expired with the volume had you not remitted.

W. F., of Pa.—Your plan for gathering fruit may be very good, but there is nothing patentable about it.

B. M. H., of Ind—We are unable to discover from your description that you have made any invention whatever. You certainly would not ask for a patent on a square box, because it was made water-tight and the applying such a box for any specific purpose would not require invention. Who is the next man with a life preserver? We have had scores of letters on the subject of life preservers since the burning of the Henry Clay, and not one of them suggests a new idea.

G. M. R., of Pa.—Your bundle of drawings and manuscript has arrived, but we cannot afford the time it would occupy to even read all your communications without attempting to decypher your diagrams. Send us $5 and we will report on all the inventions.

Money received on account of Patent Office business for the week ending Saturday Aug. 28:

K. & N., of Pa., $15; E. W. N., of Mass., $40; T. S, of Pa., $20; J. W. M., of N. Y, $20; J. L B, of O., $65; F. T, of N. Y, $2; M J, of N. Y., $20; P. J. C., of Ct., $40; W. N. C, of N Y., $20; J F. M., of Pa., $20; J. D. W., of N. Y., $30: G. & Co, Paris, $350; L. B. B., of Vt, $30; G. & S, of N. C., $10; J. W. M, of N. H., $35; J. I., of N. Y., $33; W. M., of Ga., $15; W. M., of N. Y., $55.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, Aug. 28:

C. B, of N. Y.; T. S., of Pa.: M. J., of N. Y.; P. J. C., of Ct; J. J. W., of Mass.; W. N. C., of N. Y.; G. & S, of N. C.; J. I., of N. Y.; T. & C., of Ky., re-issue.

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In reply to many interrogatories as to what back numbers and volumes of the Scientific American can be furnished, we make the following statement:

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Of Vol. 7, all back numbers at subscription price.

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Persons desiring the claims of any invention which has been patented within fourteen years, can obtain a copy by addressing a letter to this office;—stating the name of the patentee, and enclosing one dollar as fee for copying.

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We publish, and have for sale, the Patent Laws of the United States. The pamphlet contains not only the laws but all information touching the rules and regulation of the Patent Office. Price 12 1-2 cts. per copy.

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IMPORTANT TO INVENTORS.—The undersigned having for several years been extensively engaged in procuring Letters Patent for new mechanical and chemical inventions, offer their services to inventors upon the most reasonable terms. All business entrusted to their charge is strictly confidential. Private consultations are held with inventors at their office from 9 A. M., until 4 P. M. Inventors, however, need not incur the expense of attending in person, as the preliminaries can all be arranged by letter. Models can be sent with safety by express or any other convenient medium. They should not be over 1 foot square in size, if possible.

Having Agents located in the chief cities of Europe, our facilities for obtaining Foreign Patents are unequalled. This branch of our business receives the especial attention of one of the members of the firm, who is prepared to advise with inventors and manufacturers at all times, relating to Foreign Patents.

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CAUTION—Whereas, certain persons are manufacturing and selling Fan Blast Separators, or Winnowing Machines, which infringe upon my patent, which was issued on the 8th day of April, 1851. This, therefore, is to caution all persons against purchasing any right or privilegas of any person whose machine conflicts with mine, as set forth in my Letters Patent, whether their machines have been patented subsequent to mine, or not covered by Letters Patent, as I shall hold every trespasser of my rights to strict account. Any person holding powers of attorney from me, which have not been legally recorded, are cautioned against disposing of territorial rights, or manufacturing and selling machines, and the public are likewise cautioned against purchasing rights of such persons. J. L. BOOTH, Patentee. Cayuga Falls, Ohio. 50 5

DRAWING BOARDS—Patent; 23 by 29 inches, with extensive Scale and Sheet Fastener. Descriptive Circulars sent on application; $10 for Board and T Rule. Sent by Express Address, post-paid, CHAMBERLIN & CO., Pittsfield, Mass. 50tf

MECHANICS' INSTITUTE CLASSES—Classes in Architecture, Mechanical, Ornamental, and Perspective Drawing: also in Ornamental and Figure Modelling, Geometry, and Algebra, will be commenced at the Rooms of the Institute, corner of Bowery and Division st., on Monday evening, Oct. 1st., 1852. The course will consist of 20 lessons. Terms, $4; to Members of the Institute $1 per term less. Further information may be obtained from the Actuary, at the Rooms. from 10 A. M. to 10 P. M.

JOHN T. FISHER, PETER GRANT, JOHN LANDOR—Committee. 51 5*

ARTESIAN WELLS—Thomson's patented improvement on the Chinese system of boring Artesian Wells, in search of water or minerals, having been practically tested, capitalists, land proprietors, miners, and others, are informed that rights are for sale for any part of the United States. The machines can be had of the patentee, and are warranted; they come cheaper than the usual boring apparatus, are more managable, bore more rapidly, with but little increase of labor, however deep, and will go to depths much greater than the present system admits of. The cleaning is done in a fraction of the usual time. Communications will be answered cheerfully and working models sent on receipt of $5.

JOHN THOMPSON,
50 4* 75 Otter st., Kensington, Philadelphia.

TO STEAM ENGINE BUILDERS, OWNERS, and Engineers.—The subscriber having taken the agency of Aschroft's Pressure Gauges, would recommend their adoption to those interested. They have but lately been introduced into this country, but have been applied to many of our first-class river and ocean steamers, and on many railroads, on all of which from their simplicity, accuracy, and non-liability to derangement, they have given the utmost satisfaction. CHAS. W. COPELAND, Consulting Engineer, 64 Broadway, N. Y. 50 5*

WOODWORTH'S PLANING MACHINES, on hand and manufactured to order, of superior quality, at reduced prices; warranted perfect. Also steam engines and other machinery, by JOHN H. LESTER, 57 Pearl st., Brooklyn, L. I. 50 2*

PATENT RIGHTS FOR SALE—The subscriber having secured a patent on his improvement in operating doors to houses, would like to dispose of town, county, or State rights, on very cheap terms. The invention is a good one, and has fourteen years protection by Letters Patent. Engravings of this invention will be found in another column of this paper, and for further particulars address WM. RIPPON, Providence, R I. 48 4*

IMPORTANT TO SOAP MAKERS—Letters Patent of the United States having been issued to Wm. McCord on the 27th of July, for a valuable improvement in Soap, all manufacturers, venders, and users are hereby cautioned against the use of Kaolin, or other equivalent aluminous minerals, combined with ammonia, as they will, by so doing, infringe this patent, and subject themselves to prosecution. All the necessary fixtures for making 2000 lbs. per day, will cost not to exceed $75; two persons only required to attend the manufacture. Rights to manufacture this the most valuable soap, are offered for sale on reasonable terms. Apply to WM. McCORD, 141 Sullivan st., N. Y. 47tf

WARRANTED CAST STEEL—About 30 tons assorted sizes, warranted quality cast-steel, to close the sale of a special lot; it is particularly adapted to machinists use, and will be sold in lots of 500 lbs. and upwards, at 33 1-3 per cent. less than cost or price of the best imported. Amongst the sizes are square, 1-2, 5 8, 7-8, 1 1-8, 1 1-2. and c. flat. 1 by 3-8, 1 3 8 by 1-2, 1 1-2 by 1-2, 1 1-2 by 3-4, 1 1-4 by 5-8. Also small and large sizes: also rolled 1 1-8 by No 4, 1 1-4 by No 4 wire gauge. Round 5-16, 7-16, 9-16, 5-8; it is well worth the attention of consumers. JOHN W. QUINCY, 81 John st. 49 4*

AMERICAN RAILWAY TIMES—This is a large weekly journal, issued on Thursdays, well filled with matter concerning every element of the Railway System, viz., financial management, construction, depreciation, improvements in running and machinery,—and every other subject connected with the general economy of the system, furnished from the pens of the most intelligent engineers and practical railway men in the United States. It likewise contains intelligence upon all the railway enterprizes of the country; statistical tables of receipts, expenditures, and income; reports of railway law cases; movements of money and trade; review of the money market; prices current of stocks, etc., etc. John A. Haven; Editor. Price $3 per annum. HAVEN & JONES, publishers, 27 Devonshire street, Boston. Mass. 49tf

A RARE CHANCE—TO MACHINISTS—Assignee's sale of Machinists' Tools: these tools have been in use about four months, and consist of Planers, Lathes, Drill Presses, and Universal Chucks, which are for sale from 20 to 25 per cent. less than cost. For particulars address (post-paid) JOHN PARSHLEY, New Haven, Ct. 49tf

IRON FOUNDERS MATERIALS—viz.: good American Pig Iron—grey, mottled and white; No. 1 Scotch Pig Iron, of favorite brands. Pulverized Sea Coal, Anthracite Charcoal, Soapstone, and Black Lead Facings. English and Scotch patent Fire Bricks—plain, arch, and circular, for cupolas. Fire Sand and Fire Clay. Iron and brass moulding sand; Core sand and flour; always on hand and for sale by G. O ROBERTSON, 135 Water street (corner of Pine), N. Y. 47 6*

AARON KILBORN, 4 Howard street, New Haven, Ct, manufactures Steam Engines, Shafting, Presses, Fan Blowers, Lathes, Planers, Artesian Wells, Chain and Force Pumps, Pipe, Heating Apparatus for Houses, etc. 42 10*

PATENT ALARM WHISTLE.—Indicators for speaking pipes, for the use of hotels. steamships, factories, store-houses, private dwellings, etc. etc. This instrument is intended to supersede the use of the bell, being more simple in its arrangement, more effective in its operation, and much less liable to get out of order, being directly connected with the speaking pipe, it requires no lengthy wires in its use, which are continually getting out of order or breaking. There have been several hundreds of them fitted up in this city and vicinity with the greatest success. They can be attached to pipes, which are already fitted up without damage to buildings, and for much less than the cost of a bell, and warranted to operate. The public are invited to call and examine them at the factory of the patentees.

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BEARDSLEE'S PATENT PLANING MAchine, for Planing, Tonguing and Grooving Boards and Plank.—This recently patented machine is now in successful operation at the Machine shop and Foundry of Messrs. F. & T. Townsend, Albany N. Y.; where it can be seen. It produces work superior to any mode of planing before known. The number of plank or boards fed into it is the only limit to the amount it will plane. For rights to this machine apply to the patentee at the abovenamed foundry—or at his residence No. 764 Broadway; Albany. GEO. W. BEARDSLEE. 23tf

MACHINERY.—S. C. HILLS, No. 12 Platt-st. N. Y. dealer in Steam Engines, Boilers, Iron Planers, Lathes, Universal Chucks, Drills; Kase's, Von Schmidt's and other Pumps; Johnson's Shingle Machines; Woodworth's, Daniel's and Law's Planing machines; Dick's Presses, Punches and Shears; Morticing and Tennoning machines; Belting; machinery oil, Beal's patent Cob and Corn mills; Burr mill and Grindstones; Lead and Iron Pipe &c. Letters to be noticed must be post-paid. 26 tf

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TO INVENTORS—The subscribers will enter into arrangements, on the most reasonable terms, for furnishing Drawings, Patterns, and Models, believing that they have one of the most thorough and scientific men, in that line of business, to be found in New York. Their object is merely to fill up time, they not having sufficient work of their own to keep him in steady employment, and do not like to have him leave for fear they could not obtain his services when required. Apply at Dunlop's Manufacturing Emporium, No. 36 Gold street.
41 13* FRASER & EVERITT.

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This Lathe is capable of turning under two inches diameter, with only the trouble of changing the dies and pattern to the size required. It will turn smooth over swells or depressions of 3-4 to the inch and work as smoothly as on a straight line—and does excellent work. Sold without frames for the low price of $25—boxed and shipped with directions for setting up. Address (post. paid) MUNN & CO.
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A. B. ELY, Counsellor at Law, 46 Washington st., Boston, will give particular attention to Patent Cases. Refers to Munn & Co., Scientific American. 13tf

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NEW HAVEN MANUFACTURING COMpany, Tool Builders, New Haven, Conn., (successors to Scranton & Parshley) have now on hand $25,000 worth of Machinist's Tools, consisting of power planers, to plane from 5 to 12 feet; slide lathes from 6 to 18 feet long; 3 size hand lathes, with or without shears; counter shafts, to fit all sizes and kinds of universal chuck gear cutting engines; drill presses, index plates, bolt cutters, and 3 size slide rests. The Co are also manufacturing steam engines. All of the above tools are of the best quality, and are for sale at 25 per cent. less than any other tools in the market. Cuts and list of prices can be had by addressing as above, post-paid. Warehouse No. 12 Platt st., New York, S. O. HILLS, Agent N. H Manf'g Co. 45tf

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