

TO CORRESPONDENTS.

"J. R., of Mich."—The numbers of Scott's work cannot be obtained in this city; all that are now imported into this city are bound in two volumes.

"J. F. L., of Ohio."—Packages can be sent to Troy by express, but we cannot tell how much they would charge for transportation. Silliman's Journal or the Franklin Journal are good publications, price \$5, monthly. The dictionary of machines you will find to be a good work, price \$10. You can subscribe for either of the above through us.

"E. M., of Ind."—The article you want cannot be obtained in Cincinnati.

"J. F. C., of Ala."—Your letter will be attended to as soon as possible. You will bear with a little delay as just now we are very much hurried.

"J. L. N., of S. C."—Shall hope to furnish you information about the flues soon.

"W. P. L., of Tenn."—We hope you received our advices of the 3d inst., and found them satisfactory. We could make no other proposition.

"W. H., of Ind."—Has your suit come off yet, and how does it stand? Will you get damages for the second locomotive? We should like to hear the result.

"G. D., of Ohio."—Your hinge appears to be new and patentable,—we have never seen one like it. You will have to get up a neat small model of the gate and hinge first, if you want to apply for a patent.

"D. P. G., of Ind."—Did you get our letter? We stated in it that we could not see where to base a claim upon your construction of chimneys. Jams have been made of every variety of depth and shape, and the throat has been made of various widths. There are no patents in existence on the subject. We don't think you can get a patent.

"A. K., of Vt."—Your fine list of subscribers (20) we have entered upon our books and forwarded the back numbers to each as directed. We have also entered your name for a copy of our work on "propellers" which will be forwarded by mail as soon as issued.

"S. W., of Mass."—Could you not mix copal varnish and dissolved india rubber? Some of the mixtures of gutta percha would suit you exactly. You don't need caoutchine for your purpose; cowdee would not answer. You want to know how to mix copal with spermaceti. Try copal varnish heated and some soda in it, and then add the spermaceti. Gutta percha varnish appears to be the very thing you want. This substance can be dissolved in ether and chloroform. We have given you all that we know of it. Caoutchine cannot be got here.

"S. W., of Mass."—It is stated that chloroform would dissolve gutta percha. If you dissolve copal in pure turpentine and soda, you can then add oil and all will mix—this is an inference—judging from our chemical knowledge. The caoutchine is a solvent of india rubber.

"H. J., of Ind."—Your subscription will not expire until No. 26; we send the paper to you regularly every week.

"W. H. L., of Miss."—The precise day on which the Fair opens has not yet been fixed,—we shall give due notice of it. We are very much obliged for the fine list of subscribers: there was one more than you counted—the \$ extra covered all our charges. We sent all the numbers we had of Vol. 4.

"W. & Co., of Ohio."—We do not know who has the management of Nasmyth's or Kirk's Steam Hammer; the latter was formerly made, we believe, in Reading, Pa. We have written to three concerns, with a view of obtaining information for you, but have been unsuccessful.

"J. G., Jr., of St. Johns, N. F."—Your letter was answered through Mr. Fuller, our Halifax Agent.

"Bramble Brae, of Va."—We are much obliged to you for your kindness.

"S. L., of N. Y."—Your article along with others, is awaiting an opportunity for its publication.

"T. H. W., of Conn."—Your article is not acceptable—it is too long, and the subject is not of any practical benefit to our readers.

"A. F., of Md."—We know of no instrument patented for the purpose you speak of.—We could not tell the price until we knew what work was to be done—some are far more troublesome than others. The Patent Office fee is \$30.

"P. A. S., of Pa."—We do not see any part of your design that could be patented. By placing a handle on one of your pulleys, and inverting it, you have a common india rubber disc pump, which is in use in this city.

"J. C., of N. Y."—A patent could not be obtained for glass as applied for roofs, as it has been used for this purpose in more than one case. If you have a plan of dovetailing the glass to make a new and good joint, you might get a patent for that, but not for the thickness of the glass nor its use; we have seen a whole street covered with a roof of glass.

"R. P., of Mass."—We will have something for you in a few weeks.

"A. W. M., of Ohio."—If you send money to pay our expenses we will then get the information you want—it is not right to ask, for nothing, that which entails expense upon us.

Money received on account of Patent Office business, since Oct. 7, 1850:—

G. W. H., of N. Y., \$25; A. N. of N. Y., \$30; S. T. S., of Mass., \$25; J. C. S., of Conn., \$26; J. R., of O., \$13; J. & B., of Vt., \$25; T. R. B., of N. Y., \$25, and L. & R., of N. Y., \$20.

The specifications, drawings and models of inventions, belonging to parties of the following initials, have recently been forwarded to the Patent Office:—

P. G. E., of N. Y.; L. & R., of N. Y.; J. & B., of Vt.; J. R., of O.; J. C. S., of Conn.; G. W. H., of N. Y.; J. H. T., of N. Y.; J. L. P., of Mass.; W. H. H., of Conn., and A. W. P., of Ohio.

Kennedy & Prentice, of Conn.; Dr. Chas. Rodgers, of Wis.; Scott & Tanahell, Phila.—

We are waiting patiently for the papers which were forwarded to you for executing, some time since.

Bound Vol. 5, Now Ready.

Those desiring Volume 5 of the Scientific American are informed that we are able to furnish a few complete volumes, bound, at \$2.75 each. Also, we can send by mail sets complete, minus No. 1 for \$2. Volume 4, incomplete sets, comprising about 35 Nos., will be forwarded by mail on receipt of \$1.

Patent Claims.

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 the year the patent was granted (adding the month of the year when convenient), and enclosing one dollar as fees for copying.

Important Notice to us!

Whenever any of our friends order numbers they have missed—we shall always send them, if we have them on hand. We make this statement to save much time and trouble, to which we are subjected in replying, when the numbers called for cannot be supplied.

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FOWLERS & WELLS, Phrenologists and Publishers, Clinton Hall, 131 Nassau st., New York—Office of the Water Cure and Phrenological Journals. Professional examinations day and evening. 36m

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THOS. PROSSER & SON, Patentees, 29 Platt st., New York. October 15, 1850.

Patent Office.

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WE WOULD remind our numerous friends throughout the country, that we still continue to conduct the business of procuring Letters Patent for new inventions in this and all foreign countries, where the right is recognized. Since making arrangements with those eminent attorneys, Messrs. Barlow, Payne & Parken, Editors of the London Patent Journal, we have secured and managed through them, several foreign applications, with the utmost economy and facility. Inventors and others, desiring advice upon this subject, can correspond confidentially with the Editors of this paper.

WOODWORTH'S PATENT PLANING

Machine 1850 to '56.—Decisions had the present year in the U. S. Courts, in every part of the Union, having fully and finally established all the claims of the Woodworth Patent, the subscriber is prepared to dispose of rights to use the machine in the Counties of Queens, Richmond, Rockland, Suffolk, Westchester, and the other unoccupied Counties and Towns in the State of New York and in Northern Pennsylvania. Ninety-nine hundredths of all the planed lumber used in our large cities and towns continue to be dressed with Woodworth's machines, which may be seen in constant operation in the steam planing mills in New York, Brooklyn, Williamsburgh, Albany, Troy, Utica, Rome, Syracuse, Rochester, Lockport, Buffalo, Elmira, Gibson, Oswego, Ithaca, Binghamton, &c. &c. Persons holding licenses from the subscriber are protected by him against infringements on their rights. JOHN GIBSON, 45* Planing Mills, Albany, N. Y.

DUPLICATES OF DRAWINGS.—One hundred or more copies of the drawings required by the Patent Office, can be furnished at short notice, and upon reasonable terms, by MUNN & CO., Scientific American Office, who have made arrangements to duplicate drawings of machinery and inventions, at prices varying from ten cents per copy, upwards.

PATENT METALIC OIL FOR MACHINERY.—Warranted not to gum. Manufactured under Cumberland Brothers patent (April 6th 1849), by C. E. de la Vergne & Co., Elizabethport, N. J. Transparent metallic, adapted to light bearings, spindles, &c., will last a quarter longer than pure sperm. For burning will be found superior. Fluid White Metallic, of the consistence of cream, to be used without wick and tube, adapted to the oiling of engines, shafts, &c. It will last twice as long as pure sperm oil. Hard White Metallic, to be used instead of tallow, will last three times as long; when used in cylinders, the packing must be renewed. Blue Metallic grease, prepared for greasing the inside of boilers when thoroughly cleaned, that the scale which afterwards collects may be removed with one third the usual time and expense. It is also adapted to the greasing of cog wheels; and for the axles of vehicles it has been found to last more than four times as long as any grease ever used for that purpose. KENNEDY & GELSTON, Sole Agents, 50 3m No. 8 Pine st. New York.

12 POWER PLANING MACHINES.—SCRANTON & PARSHLEY, New Haven, Conn., have now finishing of 12 power Planers that will plane 8 feet long, 27 inches wide and 24 inches high; these planers are of the first quality, are self-feeding every way; the table is worked by a rack and pinion; the bed is 12 feet long. With each planer there is a splining head and counter shaft, pulleys and hangers. They weigh about 4000 lbs.; the price, boxed and ready to ship, is \$625. Also 12 hand lathes, with back gear on iron shafts, and legs 7 feet long, swing 20 inches, about 700 lbs. weight—\$75. These lathes are of the first quality. 1tf

FACTORY AND WATER POWER.—For rent or sale.—A factory building in New Brighton, Beaver Co., suitable for woolen or cotton factory, 40 by 96 feet, three stories high, with plenty of water power. The driving power is now being made new, and if applied for soon, can be made to suit the renter. Apply to J. W. TOWNSEND, near the premises, or to J. W. GILL, Wheeling, Va. 3 5*

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COTTON, WOOLEN AND SILK MANUFACTURERS' DEPOT.—ANDREWS & JESUP, No. 70 Pine st., N. Y., dealers in articles for the use of Cotton, Woolen and silk manufacturers, and agents for the sale of shearing, carding, burring, napping, wool-picking, flock-cutting and waste machines, regulators, satinnet and jean warps, &c. Weavers' reeds and heddles, bobbins and spools, of every description, made to order. Sperm, lard and olive oils and oil soap. 1tf

WOOD'S PATENT SHINGLE MACHINES.—These excellent machines, illustrated and described in No. 23, Vol. 5, Scientific American, are offered for sale in Town, County and State Rights, or by single machines. There are three sizes, the first cuts an 18 inch shingle, price, \$100; 2nd cuts 24 inch, price \$110; 3rd, 25 inch, \$120. Orders addressed to J. D. Johnson, Redding Ridge, Conn., or to Munn & Co., "Sci. Am." Office, will meet prompt attention. The above machine can be seen in successful operation at P. R. Roach's mills, No. 138 Bank st., this city. 5tf

MACHINERY.—S. C. HILLS, No. 12 Platt Street, N. Y., dealer in Steam Engines, Boilers, Iron Planers, Lathes, Universal Chucks, Drills, Kaese's, Von Schmid's, and other Pumps, Johnson's Shingle machines, Woodworth's, Daniel's and Law's Planing machines, Dick's Presses, Punches, and Shears; Mortising and Tenoning 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. 46tf

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