

TO CORRESPONDENTS.

"G. W., of Ky."—If it would not cost you too much, get up a small model and send it to us, and then we will be able to give you correct advice. There are so many such machines that we cannot, at present, see any point in yours to patent.

"C. M. M., of N. Y."—See Vol. 2, No. 42, and Vol. 3, page 36 for tidal wheels. We do not see anything new in yours. Your improvement for steadying the same appears to be simple, good and patentable.

"H. R., of Mass."—We have seen a seed planter having its slide operated as you described, with cams fixed around on the wheel; it is patented; see Pratt's No. 28, Vol. 3, Sci. Am. We have seen various seed planters, we do not believe a patent could be secured for yours, as we understand it. Your bench hook is good and simple. Your plan for drying saw dust is good, but could not be patented, grain has been dried in the same way, and a different application is not patentable, as the Patent Office sometimes decide, and sometimes eccentrically it don't.

"B. M., of N. H."—If it could be proven that you were the first inventor your patent would be sustained. It does not follow that one or two scales made before you got your patent, invalidates your rights. This is a question that can only be settled by law, if you are the first inventor, you will get damages, but you should have seen to this long ago, it is worth looking after yet. With respect to the wind-mill and your mode of conveying power, we by all means prefer a simple steam engine. One of 4 horse power, boiler and all, would cost about \$350.

"E. B. L., of N. Y."—Yours next week.

"D. E. S., of Mass."—Your coupling for bedsteads was exhibited in our office about three months ago, and a patent applied for.

"W. H. B., of Mass."—We are preparing engravings of your bath, which will appear in the Scientific American in one or two weeks. Your papers have been filed in the Patent Office.

"Jos. E. Andrews, of Boston, and Thos. T. Wilcox, of Taunton, Mass."—We sent each of you a document for signature several weeks since. Why don't you return them as instructed?

"Geo. S., of Ala."—We will try and give you as good advice as we are able, next week.

"W. P., of Mo."—Communicate with the gentlemen in Ala. or Geo., about Mr. Rich's wheel, as seen in our first page: it is a good one.

"L. E. R., of Ill."—We like the horizontal the best, an oscillating engine is good—one of the latter class, of three horse power, you can get complete for \$150; boiler and all would cost \$350; it would work to 4 horse power. The other information you will get in due season.

"M. A. L., of Ala."—You must have resided in this country one year next preceding the application for a patent, and made oath of your intention to become a citizen thereof; this will entitle you to receive a patent upon the same terms and conditions as though you were a citizen.

"E. B. F., of Pa."—The prices of the Cameras vary according to size and quality. You can ascertain all the particulars by addressing B. Pike & Sons, this city; we believe they make them.

"J. P. M., of La."—We do not think your device would pay very well; they would not be in much demand; apparatus designed for the same purpose is now in use. You are credited \$4.

"J. F. Reigart, Esq., Pa."—Your favor of the 19th came safe to hand, for which we are very much obliged. We have addressed Mr. Potts in regard to the Bark Mill.

"W. M. P., of Va."—We will attend to your request next week.

"J. C., of Ohio."—We will answer you next week.

"R. H., of Cin."—About the saw you are right, as we have since learned, and might have thought so, before. We do not see how your propeller could be applied advantageously at the bow, but the very reverse.

"P. F. L., of Ind."—There have been wheels invented with buckets working on hinges. They are called tidal wheels. The number of arms is not patentable. We do not see in your description any new point on which to base a claim for a patent. See No. 42 Vol. 2, page 36, Vol. 3, Sci. Am.

"S. M., of Pa."—Your substitute for the crank has been examined, and we regret to state is one of the oldest principles known for that purpose. No patent could be obtained for it. The principle is not good.

"H. G., of N. Y."—There is nothing new in your pump. The principle is well known and could not be patented.

"J. B. F., of Geo."—You will find a correct answer to your enquiry in the last paper.

"H. L. M., of Pa."—Your favor of the 12th enclosing \$4 is received. We are not in a position to hear anything favorable in the way of business for you. We seldom if ever hear of vacancies, as our position is one almost immured from the world.

Money received on account of Patent Office business, since Oct. 15, 1850:—  
V. H. & N. H., of N. Y., \$20; H. A., of Ill., \$40; E. G., of Mass., \$10; W. H. B., of Mass., \$20; E. E., of N. Y., \$30; L. F. W., of N. C., \$65; A. I. C., of N. Y., \$32. and J. O., of Conn., \$25.

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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" 12 lines, 75 cts., " "  
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**CLOCKS FOR CHURCHES, PUBLIC Buildings, Railroad Stations, &c.**—The subscriber having made important improvements in the apparatus for counteracting the influence of the changes of temperature upon the pendulum, and in the retaining power, together with a most precise method of adjusting the pendulum to correct time, are prepared to furnish Clocks superior to any made in the United States, both for accuracy of time-keeping and durability. They speak with confidence, from having tested their performance for several years. All clocks ordered and not proving satisfactory, may be rejected. Address SHERRY & BYRAM, Oakland Works, Sag Harbor, L. I.  
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Boiler Tubes—Diameter, Number and Length of each at date:—		
Inches.	In Stock.	Afloat.
11-4	6194	7-0
11-2	155	10-6
13-4	—	10-6
2	215	10-0
2	1242	12-0
2	1277	15-0
2	1225	4-9
2	77	4-10
2 1-4	731	15-0
2 1-2	318	15-0
2 1-2	312	15-0
3	193	15-0
4	2	15-0
5	1	15-0
6	14	15-0

THOS. PROSSER & SON, Patentees, October 22, 1850. 28 Plattst., New York.

Patent Office.

NOTICE TO INVENTORS.—Inventors and others requiring protection by United States Letters Patent, are informed that all business relating to the procurement of letters patent, or filing caveats, is transacted at the Scientific American Office, with the utmost economy and despatch. Drawings of all kinds executed on the most reasonable terms. Messrs. Munn & Co. can be consulted at all times in regard to Patent business, at their office, and such advice rendered as will enable inventors to adopt the safest means for securing their rights.  
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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, Owego, 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, shaftings, &c. 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 axels 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.**—BROUGHTON & PARSHLEY, New Haven, Conn., have now finishing 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 woollen 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 A. W. TOWNSEND, near the premises, or to J. W. GULL, Wheeling, Va. 3 8\*

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**DR. STEWART'S SAFETY FLUID LAMP.**—Rights for any of the States, or for the whole United States, for this valuable Lamp, patented July, 1850, are now offered for sale on the most liberal terms. Land, or good trade, will be taken in part payment. Dr. FRANK STEWART, Swaim's Laboratory, Seventh st., below Chestnut, Phila. 3 4

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**CARD.**—The undersigned begs leave to draw the attention of architects, engineers, machinists, opticians, watchmakers, jewellers, and manufacturers of all kinds of instruments, to his new and extensive assortment of fine English (Stub) and Swiss Files and Tools, also his imported and own manufactured Mathematical Drawing Instruments of Swiss and English style, which he offers at very reasonable prices. Orders for any kind of instruments will be promptly executed by F. A. SIBENMANN, Importer of Watchmakers' and Jewellers' Files and Tools, and manufacturer of Mathematical Instruments, 154 Fulton street. 1 3m\*

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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, Woollen and silk manufacturers, and agents for the sale of shearing, carding, burring, napping, wool-picking, flock-cutting and waste machines, regulators, satin 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, 28 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. 51f

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