

unless publicly made known to them, and what vehicle like the Scientific American with its well known unexceptionable character and wide circulation."

"H. S. of Mass."—It is the best thing you can do to get an engraving of your machine published in the Scientific American. It will cost you only \$6, and the cut will be yours afterwards.

"S. H. of N. J."—The use of the copper-platina pointed rod in connection with the steam boiler has been tried in experiments by Mr. Wall, in England, and with success in obtaining powerful shocks. We do not know that it has ever been applied to prevent explosions.

"H. C. D. of Va."—You can obtain a patent for the discovery of any new improvement, or for a new style of painting. The distinction must be clearly pointed out in the specification.

"J. S. D. of N. H."—The Music Box could not be patented, as numbers of the same description are already known. We have no doubt, however, but it is original with you.

"M. R. of Pa."—The claim of Mr. Adams is not in our possession. It can be got by application at the Patent Office and by payment for the amount of words that is required to transcribe it. His address also can thus be obtained. We should have been happy to have supplied the necessary information free of expense, but cannot at present.

"A. H. of Maine."—Applications for patents made last July are only now in the course of examination. This is the fault of Congress not the Patent Office. There have not been enough of Examiners. No more than three months ought to transpire after application before a patent is issued for a new invention, allowing time too, for all necessary corrections.

"L. M. of N. Y."—The inventor ought distinctly to understand his own business. If he does not, who is to blame? He surely cannot expect another to do his business and assume his responsibility—this would not be honest nor just.

"A. H. of N. Y."—We regret exceedingly that we cannot furnish you with those odd numbers which you seem so much to desire, as we have not a single one of them.

"D. S. M. of N. H."—The kind of pumps you speak of have been long known and cannot now be covered with a patent. Mr. Fulton, of Baltimore, has lately applied it to boats but with what success we cannot tell.

"B. F. G. of N. Y."—Your letter with the two drawings, &c. have been received.

"E. L. of Va."—The answer was to Mr. Nevins of this State.

"J. H. A. of Mobile."—We sent to you a copy of vol. 2, bound, and all the numbers of the present volume by the bark Pilgrim, which sailed from this port March 23d.

"R. & C. of Pa."—We have received the money for a copy of the patent laws and sent one, but if Mr. W. has not received it we will send another.—Please inform us.

"E. A. 3. of Vt."—We cannot furnish the first Nos. of vol. 2, unless you order a whole volume.

"C. O. R. of Mass."—The information you require will cost you \$5.

"J. L. F. of Va."—We have answered you by mail. Also A. H. of N. H.; D. of R. I., and D. W. of Vt.

To CORRESPONDENTS.—Be pleased to write plain, brief, and clear. If in some instances an answer has been neglected, our subscribers will be pleased to consider it not intentional, but an overlook which must frequently happen with the best, and more often where the amount of correspondence is so large as ours.

Patent Agency.

Applications for Patents made at this office, on the most reasonable terms. Neat drawings, specifications, and engravings of the first character, and cheaper than anywhere else. Notices of new inventions, Agency for the sale of Patent Rights, and all business of that nature, promptly attended to. Those who have patent rights to dispose of will find a good opportunity and field for their sale—such as Horse Power Machines and Waterwheels of every description. The largest circulation in the world for advertisements of inventions, &c.

The subscriber is constantly building his improved Lathes of all sizes, from 7 to 30 feet long, and can execute orders at short notice.  
JAMES T. PERKINS,  
Hudson Machine Shop and Iron Works,  
111 1/2

Advertisements.

This paper circulates in every State in the Union, and is seen principally by mechanics and manufacturers. Hence it may be considered the best medium of advertising, for those who import or manufacture machinery, mechanics tools, or such wares and materials as are generally used by those classes. The few advertisements in this paper are regarded with much more attention than those in closely printed dailies.

Advertisements are inserted in this paper at the following rates:  
One square, of eight lines one insertion, \$ 0 50  
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Persons residing in the city or Brooklyn, can have the paper left at their residences regularly, by sending their address to the office, 123 Fulton st., 2d floor.

STEAM ENGINES.

The Subscriber has in process of manufacture 150 Steam Engines from 5 to 20 horse power, which will be finished by the 1st of May. Also 50 from 25 to 100 horse power, to be finished in June and July. The subscriber has been long engaged in the manufacturing of Stationary Engines, and makes a business of that line. He feels assured that he can make a better article and for less money than any other establishment in the country. The engines are fitted up with heavy iron beds, planed and finished the whole length, with cast steel piston and valve rods. The shafts and connecting rods are of the best wrought iron. The piston is an entirely new article making it doubly secure against leakage and will last for years. They are fitted up with a patent cut-off, of an entire new construction, simple in its arrangement, not liable to get out of order, and can be adjusted to cut off with any length of stroke while the engine is in operation, or thrown off entirely if required. WM. BURDORF,  
114 1/2 No. 102 Front st., Brooklyn, L. I.

WELLS' PATENT SLITTING SAWS.

Manufactured at the foot of 29th Street, N. R. New York.

The superiority of these Saws over all other arrangements, is acknowledged on all hands, for doing good work, and also for being less liable to get out of repair. They may be seen in operation at the above place. They have in every instance given entire satisfaction, and the demand for them, far exceeds the most sanguine expectations of the inventor. Also, manufactured at the above place, all kinds of Sawmill machinery, Straight Saws with Carriage, Veneer, Scroll, Slitting and Circular Saws; Shafting, Gearing and other machinery. P. S. I have made arrangements for the manufacturing of D. Barnum's self-acting Safety apparatus for supplying steam boilers with water. T. J. WELLS,  
at 21\*

To Mill Owners.

HAVILAND & TUTTLE'S Patent Centre Vent Pressure Water Wheel.—These wheels are now in successful operation in many towns in Maine, Massachusetts, and Rhode Island, and are found to surpass in power and facility of adaptation any water wheel now in use. This wheel was awarded the silver medal at the Fair of the American Institute recently held in New York and a diploma at the Mechanics' Fair in Boston.

The wheels are manufactured and for sale by the FULTON IRON FOUNDRY CO., South Boston, Mass.,—where the wheels can be seen and any information concerning them had.  
Patent Rights for different States, Counties, &c. for sale, as above. m26 6m\*

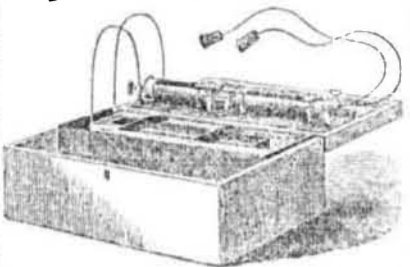
"Lamp Depot."

Nos. 134 and 136 Fulton st., Sun Building.  
J. O. FAY has just received from the manufactory of J. G. Moffett, a full and most splendid assortment of Solar Lamps for Parlors, warranted perfect; unequalled in style and beauty of finish—new patterns, the handsomest ever offered for sale, and the cheapest Lamp Store in New York. m25 3m\*

Premium Slide Lathes.

The subscriber is constantly building his improved Lathes of all sizes, from 7 to 30 feet long, and can execute orders at short notice.  
JAMES T. PERKINS,  
Hudson Machine Shop and Iron Works,  
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Improved Magnetic Machines.



MOORHEAD'S GRADUATED MAGNETIC MACHINES.

IT is now universally admitted by the learned and scientific, that the mysterious power called Galvanism or Magnetism, is in fact the principle of VITALITY OR LIFE, and that Disease in many of its most painful forms is entirely owing to the absence of this Galvanic or Magnetic power in its healthy proportions. If then we can readily supply this wondrous power, when it is thus deficient, we can successfully combat disease; and this has been fully and perfectly attained by the present beautiful and scientific instrument.

Moorhead's Graduated Magnetic Machine is an important improvement over all other forms of manufacture, and has been adopted by the Medical Profession generally, as being the most perfect, convenient and effective Magnetic machine in use. It is exceedingly simple in construction, and therefore not liable to get out of order, as is the case with all other instruments. It admits of the most perfect control, and can be graduated to any power, adapted to the most tender infant, or sufficient for the strongest adult, at the option of the operator. The Magnetic influence is imparted in a continuous manner, and with no unpleasant sensation to the most delicate patient. It requires no assistant in its use, and is in every respect entirely harmless.

Moorhead's Magnetic Machines are used with positive and permanent success in all cases of Rheumatism, acute or chronic, seated either in the head, joints or limbs; Gout, Tic Doloroux, Nervous and Sick Headache, Paralysis, Palsy, Fits, Epilepsy, Dyspepsia, Palpitation of the Heart, Spinal and Hip Complaints, Stiffness of the Joints, Lumbago, Neuralgia, Nervous Tremors, General Debility, Deficiency of Nervous and Physical Energy, and ALL Nervous Diseases. As a preventive for Apoplexy, the machine is confidently recommended, and in the most confirmed cases of Scrofula, Dropsy, Erysipelas, Deafness, Curvature of the Spine, and all similar complaints, its effects are equally successful.

Each Machine is compactly arranged with the Battery and all necessary appliances, put up in neat rosewood or black walnut boxes. Accompanying each is a new Manual, containing full and simple directions for its use and application in the various diseases in which it is recommended. Any person of ordinary intelligence can successfully use this machine, as every thing regarding it is perfectly simple and intelligible.

Every family should possess one of these beautiful instruments. It will always be found a valuable companion, and very often the best physician in time of need.

PARTICULAR NOTICE

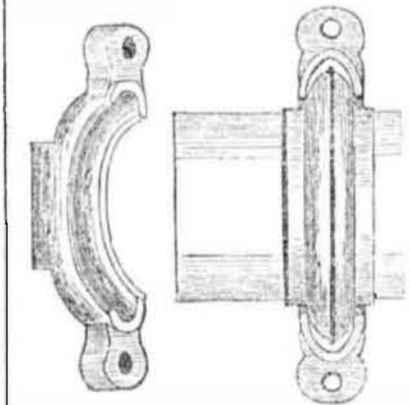
The wonderful efficacy and increasing success of the Magnetic Machines has induced a desire to place them within the reach of all who may need them; and the proprietor respectfully announces, that in consequence of his late improvements and increased facilities, he has been enabled to place the price for each machine, complete in every respect and WARRANTED AT

TWELVE DOLLARS.

The Graduated Magnetic Machines are manufactured and sold wholesale and retail, by D. C. MOORHEAD, 182 Broadway, New York.

MUNN & CO. have been appointed Agents for Moorhead's Magnetic Machines, and all Orders addressed to MUNN & Co. accompanied with the Cash, will be promptly and carefully fulfilled.

These Machines can be sent with perfect safety to any part of the country. m11 3m



Clasp Coupling Joint.

MESSRS. WEST & THOMPSON would respectfully call the attention of Engineers, Owners, or Agents of Steamboats, proprietors of Factories and others, to their new and improved method of jointing steam and other pipes together, by which means any person is enabled to connect them. For simplicity and perfection they are not equalled, and the price of their Clasp Joints will be found cheaper than the others, as they do not require any flanges, braised or soldered on the pipe, no holes to drill, or grumets to make, nor white or red lead used to make them tight; and their weight is not one-half that of the old Flange Joint. They may be seen and obtained at the office of the Patentee, 29 Centre street, near the City Hall, where all orders left will be punctually attended to.

This is to certify that I have examined what is called West & Thompson's Clasp Coupling Joint, for pipes to conduct steam and other fluids, and consider it to be a new and most invaluable improvement.  
m25 ROBERT L. STEVENS.

AMERICAN HARDWARE.

THE SUBSCRIBER having been engaged in selling American Hardware on commission for 7 years, solicits consignments from manufacturers, and will refer to those who have employed him the above number of years. SAMUEL C. HILLS,  
189 Water st

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WE will pay 10 cents each for 100 copies, No. 16, Vol. 2, Scientific American, delivered at this office, free of expense and in good order. f26 8t MUNN & CO.

Lamps, Chandeliers, CANDELABRA, GRANDIOLES, RICH CHINA AND BOHEMIAN GLASS VASES, HALL LANTERNS, &c.

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November 29, 1847. d18 6m

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Inches.	Cents.	Inches.	Cents.	Inches.	Cnts
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3 1-2	26	7	57	11	90
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4	29	8	63	12	100
4 1-2	35	8 1-2	67		

All Bands of extra thickness will be made by special agreement. Light Bands for Cotton Mills furnished at short notice.  
Address: MUNN & CO. New York. m18

Lap welded Wrought Iron Tubes FOR TUBULAR BOILERS.

From 1 1-4 to 6 inches diameter, and any length, not exceeding 17 feet.

THESE Tubes are of the same quality and manufacture as those extensively used in England, Scotland, France and Germany, for Locomotive, Marine and other Steam Engine Boilers.

THOMAS PROSSER, Patentee,  
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Johnson's Improved Shingle Machine.

THE Subscriber having received Latter 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.  
Augusta, Maine, Oct. 1, 1847. J. G. JOHNSON.



The above is prepared to execute all orders at the shortest notice and on the most reasonable terms.

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Views of Manufactories and Country Stores engraved on Wood from Daguerreotype plate with correctness.

All work executed by the subscriber warranted to give satisfaction. References can be given to some of the best mechanics in the country as regards ability, &c.

A. R. HAIGHT, 128 Fulton street, N. Y. Room No. 1, Sun Buildings. j15 3m\*

CHARLES M. KELLER, ENGINEER AND ATTORNEY,

For procuring and defending Patents.  
Office—No. 304 Broadway,  
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GENERAL PATENT AGENCY. REMOVED.

THE SUBSCRIBER has removed his Patent Agency from 12 Platt to 189 Water street.

The object of this Agency is to enable Inventors to realize something for their inventions, either by the sale of Patent Goods or Patent Rights.

Charges moderate, and no charge will be made until the inventor realizes something from his invention.

Letters Patent will be secured upon moderate terms. Applications can be made to the undersigned, personally or by letter post paid.  
f8 SAMUEL C. HILLS, Patent Agent.

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THE Subscriber is now manufacturing a superior article of Large Turning and Screw Cutting Lathes, Drilling Machines, &c. to which he would respectfully call the attention of Machinists and others requiring the above articles. Also, Machinery of every description, manufactured to order, at 42 Gold street, New York. B. HARTSON. j1

Steam Boilers

BENTLEY'S Patent Tubular and other Boilers of any size, shape or power, made to order, by SAMUEL C. HILLS,  
f8 189 Water st.

Wanted.

A good second hand Steam Boiler of 8, 10 or 12 horse power. Address (post paid) Seth Wheeler, West Milton, N. Y., naming kind, price, quality, &c. m11 8t\*