

TO CORRESPONDENTS.

"D. B. P. of N. Y."—We have received yours and are happy to perceive that attention is awakened to the subject of a National Mechanics Institute. We will present your views in another number.

"C. C. of Middletown, N. Y."—We have received yours and will soon be ready.

"Messrs. C. & K. of Michigan."—Your model has been deposited with the agent of the Custom House to be forwarded to Washington.

"S. V. R. of N. Y."—Your communication is too verbose. We like practical plain and brief articles, something you can lay your finger on, and say "multum in parvo."

"J. J. L. of Ohio."—You must write a plainer hand, we cannot afford to lose time in deciphering it, we don't care how coarse it may be, but have it plain.

"Subscriber."—Must know that we cannot answer anonymous communications.

"T. & D. of N. Y."—The great amount of business at the Patent Office just now, has precluded the possibility of attention to your business at Washington. With additional examiners it is to be hoped that much expense and suspense will in future be saved to inventors.

"C. M. D. of Mass."—We have no personal interest in any single person who may be chosen for an Examiner. Those who select are the best judges.

"J. W. of N. Y."—There are some steam carriages in England for common roads. The previous difficulty was not an inability to turn. We have seen them in operation. We hope you will get up one. It will be the grand desideratum for travel on our plank roads.

"L. G. M. of Ohio."—Much obliged to you for the information. We will attend to your request.

"W. B. S. of S."—We hope you will not forget to pay the postage next time you write for by neglecting to do so on your former communication you came near losing \$3 We shall procure the information you desire in a few days.

"J. H. of Ithica, N. Y."—Your check of \$25 on Bank of Geneva, came safely to hand. The subscribers names have been duly entered.

To our Subscribers

Our subscribers will please remember that the next number will complete the half of the present volume. There are still files of the back numbers to be got, and new subscribers will do well to remember this. Our old subscribers will not forget to send on an additional subscriber with their subscription. We are indeed much indebted to the kind interest of subscribers for our great circulation.

We would inform those who reside in sections of the country where it is difficult to procure money in small bills, that we will receive Post Office Stamps in payment of subscriptions in par, and that they can procure those stamps at almost any Post Office in the United States.

Some Comfort to Inventors.

The Bill to increase the number of Patent Office Examiners, has at length passed through Congress, after meeting with some undesired opposition. The Patent Office business is nine months in arrears of examination, a state in which it is to be hoped it will never be found again. Now for the extermination of business, and then we must rub hard for a Book of American Patents with the specifications.

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.

Fire in Albany.

A great fire took place in Albany on the 1st inst., and sixty thousand dollars worth of property was destroyed.

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:

Table with 2 columns: Description of ad space and Price. Includes rates for one square, two lines, three do., one month, three do., six do., and twelve do.

TERMS:—CASH IN ADVANCE.

GENERAL AGENTS

FOR THE SCIENTIFIC AMERICAN.

Table listing general agents in New York City, Boston, and Philadelphia, including names like Geo. Dexter and Messrs. Hotchkiss & Co.

LOCAL AGENTS.

Table listing local agents across various cities like Albany, Baltimore, Boston, etc., with names like Peter Cook, S. Sands, and Washington & Co.

CITY CARRIERS.

CLARK SELLECK, SQUIRE SELLECK.

Persons residing in the city or Brooklyn, can have the paper left at their residences regularly, by sending their address to the office, 128 Fulton st., 2d floor.

Useful Publications.

The undersigned have made such arrangements with the Publishers of Ranlett's Architect and Ewbank's Hydraulics, that they are enabled to furnish them in any quantity at the Publisher's prices. Ranlett's Architect is acknowledged by all to be the best work of the kind ever published in numbers, and is afforded at the low price of 50 cents per copy. Ewbank's Hydraulics is an invaluable work on the philosophy of Water and its uses as a motive power, and should be in the possession of every Millwright, Plumber or Manufacturer, price 25 cents a copy, 5 numbers already issued, and 3 more yet to be published. Address MUNN & CO., m11 tf Publishers Scientific American.

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, Hudson, N. Y. m11 tf

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 3*

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ONE Copy, volume 1 Scientific American, nicely bound and in first rate order. Price \$4. Address at this Office. m11

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

Premium for Back Numbers.

WE will pay 70 cents each for 100 copies, No. 16, Vol. 2, Scientific American, delivered at this office, free of expense and in good order. f 26 3t MUNN & CO.

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A New Steam Engine and Boiler, one horse power, and for the low price of \$90. Enquire at this Office. f26

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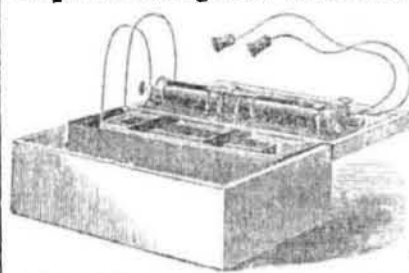
THE SUBSCRIBER having been engaged in selling American Hardware on commission for 7 years, solicits consignments from manufacturers, and will refer to those who have employed him the above number of years. SAMUEL C. HILLS, 189 Water st. fa

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

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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.

Moorehead'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.

Moorehead'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 Doloieux, 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 everything 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 Moorehead'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

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THE YANKEE BLADE;

A Home Journal and Fireside Companion

DEVOTED TO Literature, Education, Morals, Fun, News, &c.

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This Literary and Family Journal having during the past six years, met with the most brilliant and unexpected success,—the Publishers, grateful for the many favors shown to them, have determined to make such improvements in its character, as will greatly enhance its attractiveness and value, and render it worthy of still higher applause. The paper has been dressed throughout in a style of surpassing elegance and beauty, while its size has been greatly enlarged, and various other improvements introduced, making it one of the best and most attractive newspapers in the Union.

Among other leading features, the Blade will contain from ONE to FOUR of the

Richest and most interesting Stories of the Day

Not only original, but gems of the European and American Magazines, and in all cases a preference will be shown to such as can be published entire in a single paper. In addition its columns will be stored with POPULAR ESSAYS BY ABLE WRITERS, Choice and beautiful Poems, Gleanings from New Works, Selections from Foreign Journals, Mirth-creating Sketches, "Whittlings," Jokes, Scraps, News Items, and every thing else that can give zest and in brief, our object will be to render it an agreeable, entertaining and ever welcome Family Visitor, brimming always with INSTRUCTION and AMUSEMENT, and especially desirable to the FAMILY CIRCLE.

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is also published at the same office. TERMS: \$1.00 per annum in advance. It will contain superb engravings, Music, Flowers, &c. &c. It is one of the handsomest Dollar Magazines published.

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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. G. B. HARTSON. j1

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. August, Maine, Oct. 1, 1847. J. G. JOHNSON.

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THE subscriber would respectfully inform the public that he is prepared to furnish Engravings on Wood, in every style of the art, upon the most reasonable terms; also designs and drawings of machinery, for specifications, at the shortest notice and with the most undeviating punctuality. 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*

THEODORE F. ENGELBRECHT,

INVENTOR OF THE IMPROVED Patent Sockdologer Fish Hook, Office—No. 79 John Street, New York.

T. F. E. devotes particular attention to introducing and selling Patent Rights, or Manufactured Patent Articles throughout the United States and Europe, and flatters himself that he is eminently successful. Patentees and Inventors are invited to call. REFERENCES.—Munn & Co. Scientific American, New York; Kingsley & Pirron, Eureka, New York; W. H. Starr, Farmer & Mechanic, New York; S. Nichols, Editor Sunday Mercury, New York; Williamson & Burns, Sunday Dispatch, New York; Edmund Morris, Editor Gazette, Burlington, N. J.; J. B. & P. Kunkle, corner of Garden and Willow sts., Philadelphia; John Hancock, Editor Mirror of Patent Office, Washington, D. C. d26 3m*

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LEWIS'S PATENT REVERSIBLE FILTER.

THIS Filter is superior to any now extant. The small one is adapted to culinary purposes, and the other for manufactories and steamboats. It will be disposed of for the United States or for separate States. It is offered for sale to close an estate. Any person desirous to make a profitable investment can purchase the same low, and on reasonable terms. Apply to the subscriber at No. 59 Gold st., where it can be seen in operation. For the Estate of Robert Taylor. f19 1m* THEODORE TAYLOR.

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Steam Engines, Mill Work, Horse Mills, Castings, and Machinery of all kinds, executed with promptness and at low rates. d11 3m*

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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. SAMUEL C. HILLS Patent Agent. fa

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CANDELABRA, GIRANDOLES, RICH CHINA AND BOHEMIAN GLASS VASES, HALL LANTERNS, &c.

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ARE manufacturing and have always on hand, a full assortment of articles in their line, of the following description, which they will sell at wholesale or retail at low prices, for cash:

Solar Lamps—Gilt, Bronze and Silvered, in great variety.

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do Bracket do do

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Lamp Wicks, Chimneys and Shades of all kinds.

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November 29, 1847. d18 6m