

arts; it is \$5. We do not think that a real plain, minute and simple work has yet been published.

"E. W. of Maine."—We will obey your request next week.

"W. L. of N. J."—We shall answer next week

"E. B. of Conn."—We shall favor your request as soon as possible. We were not aware that the revolving box was so old.

"E. I. P. of Pa."—We were led to commit the error, from the tone of your letter. We shall send you word by mail where to get the information regarding the English engine.

"J. P. of N. Y."—It is not possible to discriminate upon the best architectural work for your purpose. There are books on Architecture in this city from \$1 up to \$100. We would select the best for you according to the price you would desire to pay.

"W. L. of Ohio."—The Galvanic Battery deposits crystals of any salt, also metals from their solutions. A battery of charcoal and zinc plates will generate electric fluid for a long time, if only buried in the ground. No acid is used for this purpose. A perpetual battery is also made by dropping the acid on sand, surrounding the plates with the moist sand and thereby preventing their oxidation. No benefit has resulted to agricultural science yet by the employment of electricity in the stimulation of vegetation.

"A. H. of Maine."—You shall hear from us by mail.

"R. C. of Mass."—We have answered you by mail.

"R. W. F. of Pa."—It would not be possible to secure a patent for your invention on account of the want of novelty.

"E. D. C. of Ct."—We shall be able to give you the plices of Gutta Percha next week.

On hand, a large pile of correspondence which cannot be answered but by mail. We would suggest the necessity of all our correspondents writing in a plain hand and in a brief, yet explicit manner. Some are too brief to be understood and others sometimes too lengthy. A careful review of a letter after it is written would be both a benefit to us and some of our worthy correspondents.

Valuable Mine.

A rich mine of plumbago (black lead), has been opened in Jaffrey, N. H., at the foot of the Monadnock mountain. Six tons were brought down from Fitzwilliam on the Cheshire Rail Road last week. It brings about \$75 per ton.

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.

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FOR THE SCIENTIFIC AMERICAN. New York City, Geo. Dexter. Boston, Messrs. Hotchkiss & Co. Philadelphia, Stokes & Brother.

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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.

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 (One square, of eight lines one insertion, etc.) and Price (\$ 0 50, 75, 1 00, etc.).

TERMS:—CASH IN ADVANCE.

V. B. Palmer is duly authorized to receive Subscriptions and a limited number of advertisements for the "Scientific American," in Philadelphia, Baltimore and Boston.

A GOOD INVESTMENT

FOR A PRACTICAL MAN WITH A MODERATE CAPITAL.

I HAVE a large well built three story house 40 feet square, situated on a stream that affords a column of water under a head of seven feet, of about 809 square inches four months in the year, about 400 ten months and 150 square inches all the year, with all the water power, wheels, &c necessary. Located 13 miles North-east of Memphis and 10 miles East of the Mississippi River, in Shelby county, Tennessee, which I wish to sell or rent or enter into a co-partnership with a worthy, energetic, honest man (none other need apply) who understands the business, and who will furnish all the necessary machinery for starting a Cotton Factory. For such an establishment the location is said to be a very eligible one and of which I have no doubt. Any quantity of cotton in the seed can be had within one or two miles of the mill, and provisions in abundance cheaper than elsewhere in the Union. It is situated on the dividing line between the Cotton and Grain growing regions of the Mississippi Valley. I would start the factory myself but for my total ignorance of the business; therefore I want a sterling man of good character, who understands the business thoroughly and practically, to get the cotton machinery and either rent the site at \$1000 a year, or purchase it at \$3000, or enter into a partnership with me which I would prefer furnishing all the machinery and I all the balance. I would propose commencing operations early in the spring or summer. The limit of this proposition shall be the 1st of March next.—Health of the country good. j8 4t S. S. REMBERT, Memphis, Tenn.

CHARLES M. KELLER,

ENGINEER AND ATTORNEY, For procuring and defending Patents. Office—No. 304 Broadway, j13m\* NEW YORK.

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 & Pirsson, 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. d25 3m\*

Magnificent Portrait of General Taylor.

We have a few thousand left, which we will dispose of at 25 dollars per thousand, 3 dollars per hundred, or 4 cents singly, or 30 copies for one dollar. They may be forwarded by mail. Address at this office. d25

Gold! Gold!!

Who will not buy a Gold Pen, when they can be obtained with a silver case for \$1.25! They can be had at this office for that price. d25

Lamps, Chandeliers,

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

Dietz, Brother & Co.

Washington Stores, No. 139 William street, New York, (one door south of William st.)

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. Suspending Solar Lamps, gilt and bronzed. Bracket do do do Side do do do Solar Chandeliers, do do 2, 3, 4 and 6 lights. Camphene Suspending Lamps, gilt and bronzed. do Bracket do do do Chandeliers do do 2, 3, 4 and 6 lights. Girandoles—Gilt, silvered and bronzed, various patterns. Candelabras do do do China Vases and Bohemian Glass Vases do do Hall Lanterns, a large assortment, plain and with stained and Bohemia Glass Lights. Lamp Wicks, Chimney and Shades of all kinds. Paper Shades, a large assortment of new patterns and styles. OILS—Sperm, Whale and Lard, of the Superior Camphene and Burning Fluid, best quality. November 29, 1847. d18 6m



Holden's Dollar Magazine, Containing 64 pages of Reading Matter! At the astonishing low price of ONE DOLLAR PER ANNUM! OR SIX COPIES FOR FIVE DOLLARS!

It contains at least one third more reading matter than any similar publication in the United States, and is decidedly the LARGEST, CHEAPEST and most desirable Magazine ever published in this or any other country! The contents of Holden's Dollar Magazine will consist of Tales, Essays, Sketches and Translations.

from the pens of some of our first authors, including a series of well-wrought and spirited sketches illustrative of incidents connected with the history of the Union; arrangements having been made to elucidate some useful Historical Reminiscences in every tale produced. The other usual features of a first class Magazine will be incorporated in the "DOLLAR," which, with its vast capacity, sixty-four pages, will enable the publisher to avail himself of many of the best writers on the other side of the Atlantic—he being pledged to render Holden's Dollar Magazine the best as well as the cheapest literary enterprise ever undertaken.

Who will not subscribe?—Among the writers of acknowledged talent in this country who are already engaged for the "Dollar Magazine," are those of Major M. M. Noah, C. F. Briggs, (Harry Franco of the Knickerbocker,) Rufus W. Griswold, B. Constable, T. W. Meighan, author of the "Revolutionary Sketches," "Legends of the Thirteen Colonies," and together with the names of many other of our most distinguished authors who will furnish occasional notices peculiar to this Magazine.

Each number will contain a long and thorough review of the principal topics of the month, interspersed with anecdotes, oddities and gossip upon various subjects, which cannot fail of proving instructive as well as amusing. This will be served up monthly by one of the best humorous authors of the day, and will be a feature alone worth more than the subscription price. In the course of the volume, articles will be given from the pens of nearly all the following European authors, viz: Douglas Jerrold, Gilbert Abbott A'Becket, Goodwin Barnaby, William Howitt, S. C. Hall, W. W. Thackeray, Wm. Harrison Ainsworth, Mark Lemon, William Carleton, Thomas Miller, J. R. Planché, Martin Farquhar Tupper, Alfred Tennyson, Ebenezer Elhot, Charles Mackay, together with occasional articles from Mary Howitt, Mrs. S. C. Hall, Hon. Mrs. Norton, Harriet Martineau and many others our present space will not allow us to specify. Translations of some of the minor Tales of Eugene Sue, Alexander Dumes, Geo. Sand, &c. will be given, if free from the pernicious influence of many French tales, and particular care will be taken that nothing demoralizing in its tone ever finds a place in the pages of the Dollar Magazine.

The publisher has also made arrangements for a number of tales from the German and Spanish, and is confident that he possesses facilities for their selection unsurpassed by any one in America. It will be readily acknowledged by any one at all conversant with literature in every form, that

HOLDEN'S DOLLAR MAGAZINE, is the LARGEST, CHEAPEST and BEST periodical in the World, and he challenges comparison with anything published in Europe or America, satisfied that the sovereign people will decide for themselves as regards the merits of the respective works.

Holden's Dollar Magazine will be issued monthly, in Nos. of 64 pages each, printed on fine paper, manufactured expressly for the work, and of extra quality, with new and beautiful type. Terms—ONE DOLLAR per annum, payable invariably in advance: Six Copies for Five Dollars, or 25 copies for 20 dollars, when mailed to one address, Address, post paid, CHARLES W. HOLDEN, Publisher of Holden's Dollar Magazine, 109 Nassau st., N. Y.

N. B. Country papers copying this advertisement and noticing us editorially, will be entitled to a copy for one year, without an exchange. Those doing so will send one marked copy to "Holden's Dollar Magazine." d18 4t



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

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. Augusta, Maine, Oct. 1, 1847. J. G. JOHNSON. n8

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 n8

Machinists Tools.

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. d2 1m\*

A LITERARY AND FAMILY PAPER. THE YANKEE BLADE; A Home Journal and Fireside Companion DEVOTED TO

Literature, Education, Morals, Fun, News, &c. Published every Saturday at \$2 per annum

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 interest. 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.

THE LADIES MAGAZINE AND CASKET OF LITERATURE,

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.

J. A. Gilbert, 22 Ana st., and George Dexter, 32 Ann st., New York, are Wholesale Agents for the Blade and Magazine.

MATHEWS, GOULD & CO. Publishers, 138 1-2 Washington st., Boston, Mass. n20 3m

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. n20 3m\*

Veni! Vidi! Emi!

THIS IS THE MOTTO OF ALL THOSE THAT HAVE EXAMINED KNOX'S NEW FALL STYLE OF HATS, with a view of buying—

I CAME! I SAW! I BOUGHT! His BON TON Establishment (as all know) is at 128 Fulton street s18 3m

Lap-welded Wrought Iron Tubes FOR TUBULAR BOILERS,

From 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, 28 Platt street, New York d26

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. n8 SAMUEL C. HILLS, Patent Agent.

DAUGERRIAN GALLERY.

GURNEY'S PREMIUM DAUGERRIAN GALLERY. No. 189 Broadway, N. Y.

Pictures taken at this establishment warranted to give satisfaction. j24

Henry Waterman, 239 Cherry st. MILLWRIGHT AND ENGINEER.

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

ASHE,

MANUFACTURER OF Spring Box, Tailor's, Surveyor's, and every other kind of

Measure Tapes, No. 133 Fulton Street, N. Y. Factory at Green Point, Bushwick, L. I. d25 2m\*

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For Sale No. 1—CHEMICAL OIL GOLD SIZE for Sign Writing and Striping, &c.

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N. B. The above gold sizes work as pleasantly as any common oil color and will gild in 12, 24 or 36 hours.

These compounds are all tested, but should any be found to fail, they can be returned and others given in exchange, or the money refunded, provided they have not been adulterated.

QUARTERMAN & SON, House Painters, Grainers, &c. 18 Burling Slip, New York. n6 3m\*