

Scientific.

NEW ART OF SOLID COLORING.

About thirty months ago, an inventor in this city, while seeking some means of making barrel staves impervious to petroleum, accidentally used a piece of marble to wedge the barrel he was experimenting upon into its place in the vat containing the solution with which he was trying to fill the pores of the wood. On taking out the marble, he noticed that it was beautifully stained, but threw it aside without further thought. About a month later (in September 1866), he picked it up, examined it, tried to wash it clean, failed, broke it with a hammer-stroke, and lo! the color had penetrated the whole mass! Perceiving the almost infinite value of the discovery he had so happily stumbled upon, he began new investigations, and associated others with him in the enterprise. A suitable laboratory was obtained, communications were quietly opened with leading marble men, a series of about 25,000 experiments was instituted, and now, after more than two years of patient toil, this happy discovery is set forth to the world.

Yesterday a number of gentlemen were invited to call at the laboratory of the International Marble Coloring Company, No. 79 Third avenue; northeast corner of Twelfth street, second story. Here they found an Italian sunset imprisoned in enduring stone. Here were snow-white marble from Vermont, turned by wizard touch of chemic art into scarlet splendor not found in nature, save in the gem, the flower, and the cloud. On one hand the purple of the Caesars gleamed in solid stone; and on the other a mantle's yellow lustre revealed the fairest marble from Sienna's quarries. Here a plain white chimney piece had been tinted with dove-colored hues, softer than those of the choicest Lisbon stone; and there the wondrous touch of this new art had created a massive black-veined emerald, eclipsing in beauty the finest verd-antique that nature ever stained. In a word, more than 600 hues and tints and shades, all the work of man's adorning finger, shimmered and blazed on every side with a confusion and glory of color that it hath not before entered into the heart of man to conceive as possible in the domain of architecture. This invention consists simply in the discovery of a certain mordant, with which the proper dyes are mixed, forming a solution. In a shallow bath of this the marble is placed; molecular action immediately ensues, in a few hours or days the whole mass is saturated with color. The severest tests from acids and exposures to the elements show that these colors are more durable than those of nature. The interstices of the marble being thoroughly filled, grease cannot penetrate it; and severest weather can scarcely wear it, and it becomes susceptible of the highest polish. In fact, this single, easy, and inexpensive process secures at once the three great ends of beauty, durability, and economy. A plaster cast has just been completed of a baptismal font, sculptured with a cross and wreathed with a vine, which is to be reproduced in blood-red marble, the sacrificial hue. For a white marble altar in a new cathedral at Albany, \$65,000 in gold have been appropriated. This Company have offered to put up one of purple for \$10,000 in greenbacks.

Not only can marble, granite, and all similar materials be solidly colored in this way, but so can wood, the result being a cheap, durable and exquisitely beautiful material, which requires neither painting nor varnishing. The vista of architectural magnificence opened to the view by this discovery must be left to the reader's imagination, the Arabian Nights being the only suitable treatise on the subject that just now suggests itself. Apropos of this, it may be noted that certain common crystals were lately subjected to this process, and afterward submitted to a leading jeweler in this city, who declared himself unable to distinguish them from genuine emeralds!—N. Y. Tribune.

It is a Favorite Theory with astronomers, geologists, and physical geographers, that the interior of our globe is composed of molten matter, and that it is similar in some degree to the construction of an egg. The egg shell of our globe, the learned tell us, is somewhat about 7 1/2 miles, or from that to 18 miles thick; the heat of the shell being at 7 1/2 miles the temperature of red-hot iron, and at 18 miles the temperature of melted glass. The learned further inform us that sometimes our shell is gently cracked, and this melted glass oozes slightly upon the surface in the form of lava. The learned tell us again, that this slight cracking has been observed to take place coeval with certain positions of the ring of the meteors with which we are acquainted, as the November star showers, the principal mass of which crosses our path every 33 1/2 years, and with which we come en rapport in a minor degree about eleven years. However startling this on dit of the learned may be, it is certain that some months ago this cracking of the earth's shell, which has resulted in such fearful earthquakes in different parts of the globe, was foretold totidem verbis on this hypothesis.

Some curious inventions in artificial wood have recently been made in Paris, the principal being that of combining fine sawdust or wood flour with glue or size, and casting it in molds. Very perfect imitations of carved wood are made in this manner, and they are said to be fire-proof.

PICKLES AND PRESERVES!—"We're in a pickle now," said a man in a crowd. "A regular jam," said another. "Heaven preserve us!" mourned an old lady.

MESSENGER ALMANACK.

Table with columns for Day, SUN, MOON, and HIGH WATER AT. Includes dates from April 11th to April 24th, 1869.

For the time of HIGH WATER at Pictou, Pictou Wash, Wall, and Yarmouth add 2 hours to the time at Halifax. For the time of HIGH WATER at Annapolis, Digby, &c., and at St. John, N. B., add 3 hours to the time at Halifax.

CHIPMAN & RUMSEY, Produce and General Commission Merchants. No 5 DUKE STREET, Near Fishwick's Express Office, HALIFAX.

PARTICULAR interest taken in the sale of all kinds of COUNTRY PRODUCE, and consignments respectfully solicited. Office of business central, and ample facilities for the storage of goods. City References: E. W. CHIPMAN & Co. AVARD LONGLEY, Esq. Sept. 23

GREAT CLOSING SALE OF English and American BOOTS AND SHOES! AT AND BELOW COST.

THE Subscriber will offer from this date the balance on hand of the above mentioned Goods at DECLARED BARGAINS! And will continue the sale until the whole is disposed of.

WHOLESALE BUYERS Will find in this STOCK, some Very Cheap Job Lots. TERMS CASH.

GEORGE S. YATES, 22 & 23 George Street, N. B.—This Stock has no reference to Home Manufactured Goods. Feb. 3

NOVA SCOTIA RAILWAY. WINTER ARRANGEMENT.

ON and after MONDAY, 4th January, 1869, Trains will be run as follows:— MAIN LINE.

Table with columns for Carrying Passengers, Mails and through Freight, Ditto Local Freight, Ditto Local do., Ditto (Through), and times for Halifax and Pictou.

WINDSOR BRANCH. Carrying Passengers, Mails and through Freight, Ditto Local Freight, Ditto Do. Do., Ditto (Through)

A. LONGLEY, Commissioner. Jan. 6. 31.

TOILET,

FOR a period of one or more years, from the first day of May next, that pleasantly situated Dwelling house and premises, at Bridgetown, in the County of Annapolis, formerly owned and occupied by the late Thomas Spurr, and now belonging to the Estate of the late T. Lovett Bishop. This property consists of the large and convenient dwelling house—a horse stable and coach house, and all necessary outbuildings—about twelve acres of land attached, including the large front lawn, judiciously planted with ornamental and fruit trees, and the Garden, enclosed by a hawthorn hedge and stocked with an extensive variety of fruit bearing shrubbery; and pear, plum, and cherry trees, and the whole of the land in the highest state of cultivation.

Besides the above there is a field containing ten acres, separated from it only by an intervening field of equal size, owned by another proprietor. The property described, being situated within a walk of five or ten minutes only, from the Railway Station, will form a most desirable residence for a gentleman and family who may be desirous to remove from the city to a beautiful rural residence, and where all the accessories of comfort and happiness are available at a cheap annual rental, and a moderate annual expenditure.

For terms, and other particulars, parties are requested to apply to Hon. S. L. SHANNON, Halifax, or to either of the Subscribers— CHARLOTTE BISHOP SMITH, EXECUTRIX. T. W. CHESLEY, EXECUTOR. Bridgetown, Annapolis Co., Jan. 30th, 1869. Feb. 24. wes. t.f.

Floor Oil Cloth.

JUST received ex "Forest King" from London and "Roseneath" from Glasgow, our Spring supply of English and Scotch Floor Oil Cloth, which can be cut to any size or shape. Also a large assortment of

Iron Bedsteads and Stretchers

Children's Bedsteads, Bedding of every description, Superior Feather Beds, Best Goose Feathers, and warranted free from unpleasant-smell.

ONE TON GOOSE FEATHERS,

in bags. Three hundred sets of NARROW SLATS & OTHER VENETIAN BLINDS GORDON & KEITH.

Orders from the Country promptly executed May 20.

HOUSEHOLD FURNITURE.

INTENDING Housekeepers and those refurbishing can do much better than speculating in second hand articles at auctions, by an inspection of our unrivalled stock of custom-made first-class FURNITURE, comprising—

- DRAWING ROOM SETS, DINING ROOM SETS, HALL FURNITURE, BEDROOM SETS,

Several suits of Drawing Room Furniture, finished in plain and fancy Reps, Brocatelles and Damasks; Wardrobes, Book Cases, Whatnots, Fancy Tables, Fancy Chairs, &c., &c., in Walnut and Mahogany. GORDON & KEITH. May 20.

To Parents and Sabbath School Teachers.

JUST PUBLISHED.

A SCRIPTURE CATECHISM,

for the Family, the Bible Class, and the Sabbath School, BY S. SELDEN.

At the end of the Catechism are the following HYMNS:—

- "Around the Throne," "My Heavenly Home," "The Sabbath School," "In the Christian's Home in glory," "Happy Day," "Shall we gather at the river," "There is a happy land."

Price 8 cents or \$6.00 per 100. Feb. 17.

MILL PROPERTY FOR SALE.

SITUATED in St. Andrews, in the County of Colchester, consisting of a superior Saw Mill, Shingle Mill, Dwelling House, Out house and Barn, on a good stream of water and plenty of logs, seven miles from Stewiacke Station, on the Post road, in the centre of a good settlement. The above property may be had for half its value by applying immediately to the Proprietor on the premises. Title unexceptionable. WILLIAM SIBLEY, 2ND. St. Andrews, March 25th, 1869. March 31.

OLD STOCK.

A Large Variety every description of IRON BEDSTEADS.

Will be sold at Cost to make room for new arrivals. Also—A choice lot of Old

SEASONED SCOTCH FLOOR CLOTH,

AT REDUCED PRICES. As the above Stock is the Largest and best selected in town, purchasers will find this an excellent opportunity for securing articles of the best quality, much under market value.

MCEWAN & CO., Cabinet-makers, Upholsters & Bedding Manufacturers, 20 BARRINGTON STREET. March 3.

THE BRITISH AMERICAN BOOK AND TRACT SOCIETY.

66 Granville Street, Halifax. Keep constantly on hand a good supply of STANDARD RELIGIOUS, THEOLOGICAL AND SCHOOL PUBLICATIONS,

Including those of the LONDON, AMERICAN STIRLING and DUBLIN TRACT SOCIETIES, with selections from leading Publishers in Great Britain and the United States. COMMENTARIES by Lange, Jacobus, Barnes, Plummer (on the Psalms), Ripley, Hodge, Alexander, Scott, and Henry; Valuable Helps for S. S. Teachers, such as Pardee's S. S. Index, House's S. S. Hand Book, Todd's S. S. Teacher, &c. Times (an excellent weekly Paper, \$1.35 a year), &c. A liberal discount to Clergymen and S. Schools.

N. B. The Society have recently purchased the Stock and effects of the Religious Book and Tract Society on Barrington St. Both Depositories (now united) are removed to 66 Granville Street, Opposite the Province Building. S. School Papers, Religious Magazines, &c., furnished by the Society, as formerly by the Depository on Barrington Street. Orders addressed to REV. A. McBEAN, Secretary of the Society, Halifax, will be promptly attended to. Dec. 2.

PREMIUM VENETIAN BLINDS.

W. FRASER & SON

HAVING been appointed by the manufacturer of the above celebrated Blinds, sole Agents for Nova Scotia, the public are respectfully invited to call at their Ware Rooms 70 & 72 Barrington Street, Halifax, and examine Samples of different Styles and prices. They are the best and most durable, article in use for Bay Windows, Drawing Rooms, Dining Rooms, Halls, Conservatories, Public Buildings, &c. These Blinds are of different widths of slat, and trimmed with Worsted or Silk, with plain or carved cornice, to suit the taste of purchasers. Oct. 30.

FELLOWS' COMPOUND SYRUP

OF HYPOPHOSPHITES \$1.50 per bottle, 6 bottles for \$7.50. FOR SALE BY

JOHN K. BENT,

104 GRANVILLE STREET, HALIFAX, N. S., Wholesale and Retail Dealer in

Drugs, Medicines, Chemicals, FANCY AND TOILET ARTICLES,

SPONGES, BRUSHES, PERFUMERY, &c. Garden Seeds, Dye Stuffs, Spices.

Physicians' Prescriptions carefully compounded, and orders answered with care and despatch. Farmers and Physicians from the country will find my stock of Medicines complete, warranted genuine, and of the best quality. Jan. 13. 6 mths.

Hoop Skirts, &c.

Just Received at the Liverpool House 127 GRANVILLE STREET,

A CHOICE ASSORTMENT of Ladies', Misses and Children's HOOP SKIRTS, Newest Styles Canadian manufacture, very cheap Ladies' and Gents'.

PAPER COLLARS AND CUFFS, New Brunswick make, together with a full Stock of STAPLE AND FANCY DRY GOODS,

Adapted to the City and Country trade, which will be sold on the most reasonable terms, Wholesale and Retail. WETMORE & McCULLOCH. Oct. 16.

LADIES' (representing all societies, classes and ages)

Clergymen, Lawyers, Editors, Physicians, Merchants, Vocalists,

an indeed representatives from all orders, and from every business pursuit, have been benefited or cured by FELLOW'S COMPOUND SYRUP OF HYPOPHOSPHITES.

Amongst the diseases overcome by the use of this remedy, are the following:—

- Chronic Constipation, Chronic Dyspepsia, Chronic Asthma, Chronic Bronchitis, Chronic Consumption, Chronic Paralysis, Chronic Laryngitis, Chronic Diarrhoea, Nervous Debility, Melancholy.

Debility resulting from typhoid and other low fevers, Diphtheritic Prostration, Hysteria, Hypochondria, Amenorrhoea, Chlorosis, Anemia Leucorrhoea, Nervous Excitability, Measles, or Wasting of the Muscles, Aphonia, or Loss of Voice, Anasarca, or Loss of Vision, Chorea, or St. Vitus' Dance, Sluggishness of the Liver, Interrupted and Feeble Action of the Heart, Suffocating Feelings caused by mucous obstructions of the Lungs and Air Passages leading thereto, and Debility from various causes, many of which appeared hopeless. For sale by Apothecaries at \$1.50 per Bottle, or six for 7.50. Oct. 28. eow.

NOTICE TO TEACHERS.

THE Trustees of the Cape Breton County Academy will, on the 1st of May, require a HEAD MASTER to take charge of the Academy. Salary, \$600. Also at the same time a FIRST CLASS M.A.C. Teacher. Salary, \$280 exclusive of Provincial Grant. Applications, ACCOMPANIED by testimonials of ability to properly teach and govern the respective Departments, will be received until April 10th.

Address, C. H. HARRINGTON, Secretary to Trustees. Sydney, Feb. 10th, 1869. Feb. 17. prov. wes., pres. wit., 5 lns. each.

NOTICE.

THE business heretofore conducted under the name and style of JAMES THOMAS & SONS, Hat, Cap & Fur Dealers, in consequence of the retirement of Mr. James Thomas, will in future, be conducted by JOHN B. THOMAS & PETER E. MCKERROW, at the old stand, corner of Barrington and Sackville Streets.

All persons indebted to the late firm are requested to make immediate payment, and parties having claims against the firm are requested to render the same for adjustment.

The Subscribers beg to return their thanks to the general public for past favors, and respectfully solicit for the new firm a continuance of the same. JAMES THOMAS, J. B. THOMAS, P. E. MCKERROW. Halifax, 1st January, 1869. Jan 6.

THE "CHRISTIAN MESSENGER"

IS PUBLISHED EVERY WEDNESDAY.

Terms: Two Dollars a year, when paid in advance; if payment is delayed over three months \$2.25; when over six months \$2.25.

Subscribers beyond the Dominion of Canada, must send in addition to the above, five cents per quarter, for prepayment of postage.

RATES OF ADVERTIZING,

Table with columns for Payment in Advance, 1 wk., 1 mth., 3 mth., 6 mth., 1 yr. and rows for 1 square (14 inches), 1 column.

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PRINTING of Books, Pamphlets, Cards, Handbills, Blank forms, &c., &c., on reasonable terms. Magistrates Blanks always on hand.