

BUSINESS NOTICE.
 The "MIRAMICHI ADVANCE" is published at Chatham, N. B., every Thursday morning, except on days when it is delayed by the post office.
 It is sent to any address in Canada, the United States or Great Britain (Postage prepaid by the Publisher) at the following rates:
 One year, in advance, \$1.50
 Six months, in advance, \$1.00
 Advertisements are placed under classified headings.
 Advertisements, other than yearly or by the month, are inserted at eight cents per line nonpareil, for the first insertion, and three cents per line for each continuation.
 Yearly or season advertisements, are taken at the rate of \$6.75 an inch per year. The matter, if not paid for in advance, may be changed under arrangement made therefor with the publisher.
 The "MIRAMICHI ADVANCE" having the largest circulation distributed principally in the Counties of Kent, Northumberland, Gloucester and Beauséjour (New Brunswick), and in Bonaventure and Gaspé (Quebec), among communities engaged in Lumbering, Fishing, and Agricultural pursuits, offers superior advertising facilities. Address: Editor, Miramichi Advance, Chatham, N. B.

MIRAMICHI ADVANCE.

VOL. 16. CHATHAM, NEW BRUNSWICK, FEBRUARY 20, 1890. D. G. SMITH, EDITOR & PROPRIETOR. TERMS—\$1.50 a Year, in Advance.

GENERAL BUSINESS

PROGRESS ENGRAVING BUREAU
 PORTRAITS, BUILDINGS, ADVERTISEMENTS, AND CARANOCUR WORKS
 DRAWN, DESIGNED & ENGRAVED.
 ST. JOHN, N.B.

DANIEL PATTON,
 WHOLESALE WINE AND LIQUOR MERCHANT.
 Nelson Street, — — — St. John, N. B.

GEO. A. CUTTER,
 WATER ST. — CHATHAM, N. B.
 DIRECT IMPORTER OF

PRICES LOW—TERMS EASY.
 SEND FOR CATALOGUE.



PIANOS, ORGANS & SEWING MACHINES.
 Thomas, Bell and Dominion Organs.
EVANS BROS. BELL DOMINION. NEW-COMBE & HEINTZMAN PIANOS.
 Leading Canadian and American Sewing Machines.
 Violins, Accordions, Sheet Music and Music Books.

THE MUTUAL LIFE INSURANCE COMPANY,
 OF NEW YORK.
 RICHARD A. McCURDY, PRESIDENT.
ASSETS, — — — \$126,082,153.56.
 Its business shows the greatest comparative gain made by any company during the past 25 years.

THE LARGEST AND BEST
Life Insurance Co. in the World.



DECEMBER '89 AND JANUARY 1890.
 During the above time we will make a SWEEPING REDUCTION in the following Goods, viz.,
 BLANKETS, FLANNELS, SHAWLS, CLOUDES, SCARFS, DRESS GOODS, FUR CAPS, FUR TIPPETS, LADIES' AND CHILDREN'S HOSIERY.
 ALSO
 GENUINE BARGAINS IN MEN'S YOUTHS' AND BOYS' OVERCOATS AND REEFERS.
William Murray.
 Argyle House, Chatham.

THE BEST SEEDS
 D.M. FERRY & CO.
 SEED ANNUAL
 WINDSOR, ONT.

D. L. LOW'S WORM SYRUP
 DESTROYS AND REMOVES WORMS OF ALL KINDS IN CHILDREN OR ADULTS.
 DELICATE CHILD

General Business.

F. O. PETTERSON,
 Merchant Tailor
 (Next door to the Store of J. R. Snowball, Esq.)
 CHATHAM — N. B.
 All Kinds of Cloths, Suits or single Garments.
 Inspection of which is respectfully invited.
 F. O. PETTERSON.

TO LET
 Office over Bank of Nova Scotia Benson Block
 Apply M. S. Benson, Partrier.
 Chatham, Sept. 5th 88.

NEW GOODS.
 Just arrived and on Sale at
FLANAGAN'S
 Upper and East End Stores.
 Dry Goods, Ready Made Clothing, Gents Furnishings, Hats, Caps, Boots, Shoes &c. &c.
 Also a choice lot of GROCERIES & PROVISIONS.
 Intend to sell Cheap for Cash.

ROGER FLANAGAN.
 SUGAR, TOBACCO, and TEA.
 IN STORE AND TO ARRIVE
 1,000 packages Above Goods.
 FOR SALE BY
C. M. Bostwick & Co.

BURDOCK BILLS
 SUGAR COATED
 A SURE CURE
 FOR BILIOUSNESS, CONSTIPATION, INDIGESTION, DIZZINESS, SICK HEADACHE, AND DISEASES OF THE STOMACH, LIVER AND BOWELS. THEY ARE MILD, THOROUGH AND PROMPT IN ACTION, AND FORM A VALUABLE AID TO BURDOCK BLOOD BITTERS IN THE TREATMENT AND CURE OF CHRONIC AND OBSTINATE DISEASES.

Tea, Sugar, Beef, Pork, Bacon, Hams, Flour and Meal, and all other things generally found in a Grocery.
 ALSO
 Milk Pans, Butter Crocks, Bean Crocks, Jars, Cup & Saucers, and Glassware in variety.
 All of which I will sell Cheap
 Highest prices given for Butter & Eggs.
WM. FENTON.

ATTENTION!
 Great Reduction in prices of Dry Goods & Groceries LOWER THAN EVER! at F. W. RUSSELL'S, BLACK BROOK

FOR THE LADIES.
 New Velveteens & Plushes
 Now received for Fall of 1889.
The Brunswick Velveteen
 Best made in Black and Colours for Dress and Military Trimmings.
 Coloured Sil Plushes
 are as fashionable as ever
 Our stock is now fully assorted with all the latest shades. The Goods are well worth seeing. Call and examine for yourselves.
 F. CASSIDY,
 Water Street, Chatham

FOR SALE.
 The two dwelling houses situate on Canard Street, Chatham, at present occupied by Capt. Melan and Archibald Gamble, respectively. For terms and particulars, apply to
 L. J. TWEEDIE, Barrister.

MIRAMICHI MARBLE, FREESTONE AND GRANITE WORK.
John H. Lawlor & Co.,
 PROPRIETORS.

Art and Artists' Materials.
MISS KERR
 has received a Kill for
FIRING CHINA
 and is prepared to teach
PAINTING ON CHINA
 at her Studio over Brown Bros. store, Chatham.
 Unpainted China
 FOR SALE; ALSO
ARTISTS' MATERIALS.
 STUDIO open for regular classes on Wednesdays and Saturdays.
 December 23rd 1889. t. f.

HAY.
 I have closed contracts for 300 TONS of the best quality Hay (same as I sold 250 tons last winter) which I will sell cheap at Warshaw by the Car along with either the I. R. or Northern and Western Railways.
WILLIAM MURRAY.
 Chatham, Dec. 8th, 1889.

Art and Artists' Materials.
MISS KERR
 has received a Kill for
FIRING CHINA
 and is prepared to teach
PAINTING ON CHINA
 at her Studio over Brown Bros. store, Chatham.
 Unpainted China
 FOR SALE; ALSO
ARTISTS' MATERIALS.
 STUDIO open for regular classes on Wednesdays and Saturdays.
 December 23rd 1889. t. f.

HAY.
 I have closed contracts for 300 TONS of the best quality Hay (same as I sold 250 tons last winter) which I will sell cheap at Warshaw by the Car along with either the I. R. or Northern and Western Railways.
WILLIAM MURRAY.
 Chatham, Dec. 8th, 1889.

CONCERNING PLUMBING.

Something That is Very Much Regarded as a Necessary Evil.
 By a great many people plumbing work is regarded as a necessary evil. As to its being necessary for comfortable and economical living there can be no doubt. As to its being an evil, that depends. There is no reason why all plumbing work should not be safe from a sanitary standpoint. There is no reason why there should be verminous plumbing bills to disturb one's peace of mind and deplete his pocketbook. Plumbing work may be laid out and executed in a way to be entirely safe and economical of maintenance. There are a few principles which one needs to consider in order to bring about the results above outlined. All plumbing work is essentially a system of water supply drains from the house, and the attachments to the water closets, wash stands, bath tubs and laundry tubs. All these fixtures have connection with public or private water supply or both.

The first trap referred to gets its name from its form, which is illustrated by the sketch. The drain water comes down through the trap from above into the lower part of the bend and then upwards and again downwards into the trap. Thus there is a certain amount of water always in this trap. This water is called the seal. The depth of the seal is dependent upon the depth of the trap and the weight of the water that would have to pass through the water to get into the house. There are many conditions under which the trap would fail to act. The water may be siphoned out, may evaporate, or it may become contaminated from long connection with the air in the drain. The ventilation of the trap is one of the most important things to reduce this risk to a minimum. There are hundreds of different kinds of traps, but they are all constructed on the same principle. They consist of a large chamber upon the water for protection to the inside of the house. Abundant flushing is highly important as a precautionary measure. Flushing means a discharge of large quantities of water through the traps and drains. The frequent use of plumbing apparatus contributes to its safety from a sanitary standpoint.

Sketch No. 2 is of a water closet of a wash-out pattern. There are a few hundreds of kinds of water closets constructed in this way. The body of the closet is of porcelain. The upper part is a large bowl having a large quantity of water. This water is the simplest and best type now in use. It will be noticed that the closet proper is entirely exposed to view.

Sketch No. 3 shows a modern washstand. It is carried on brackets made of marble or iron, the top and back are marble, and the bowl of porcelain ware. It has a standing overflow at the back and inside of the bowl, the bowl having a straight back rather than a true semi-spherical form, as is common. The ordinary waste, which is in the back of the bowl, becomes foul from rancid soap which accumulates therein from time to time. The standing overflow mentioned here can be lifted out at any time and washed. It also acts as a waste when one desires to drain the water from the bowl. By merely turning the little lever at the top an opening is formed. An objection to the plug and chain waste is that the chain gets foul and is never perfectly clean. After it has been used once it is foul for use next time. It will be observed that in this instance the entire under part of the washstand is left open.

The bath tub shown in sketch No. 4 is of iron, porcelain lined. They are made of polished copper, solid porcelain and cast iron. The copper tub is the cheapest; the porcelain is a very agreeable compromise. It has the standing overflow, same as that described for washstands, and this tub is not used at sides or ends any more than is the washstand and water closet described. The kitchen sinks have been described before. The laundry fittings will be considered at some other time.

Cologne sets consist of three large cut glass bottles with prismatic stoppers. These are set in brass with enamel insertions, and so arranged that they can be carried about by a handle.

The longest reach of railway without a curve is that of the New Argentine Pacific railway, from Buenos Ayres to the foot of the Andes; for 211 miles it is without a single curve, and has no cutting or embankment deeper than two feet or three feet.

VICK'S SEEDS AND PLANTS
 FLOUR! FLOUR!
ALFRED E. MORELAND,
 White Beans.
 In Store—30 Barrels White Beans
 For Sale by C. M. BOSTWICK & Co.

"Try Ayer's Pills"
 For Rheumatism, Neuralgia, and Gout. Stephen Lansing, of Yonkers, N. Y., says: "I have used Ayer's Pills for sixteen years, and I think they are the best Pills in the world. We keep a box of them in the house all the time. They have cured me of sick headache and neuralgia. Since taking Ayer's Pills, I have been free from these complaints."
 "I have derived great benefit from Ayer's Pills. Five years ago, I was taken so ill with rheumatism that I was unable to do any work. I took three boxes of Ayer's Pills and was entirely cured. Since that time I am never troubled with these pills."—Peter Christensen, Sturtevant, Wis.
Ayer's Cathartic Pills.
 PREPARED BY
 Dr. J. C. Ayer & Co., Lowell, Mass.
 Sold by all Dealers in Medicines.

Teacher Wanted.
 A male or female teacher holding a third class license, French and English for School District No. 1, Shipigan.
 THOMAS CADOT, Secretary

MINNIE M. MORRISON
 Is prepared to receive pupils in OIL, WATER COLOUR, LUSTRE and DECORATIVE PAINTING—ALL SIZES.
DRAWING FROM NATURE
 MODEL AND CAST.
PERSPECTIVE & SHADE COMPOSITION, ETC.
 And takes orders in any of the above work; also PORTRAITS in Crayon, Charcoal and Painting—all sizes.
 Studio—Benson Block, Chatham, N. B.
 February 5th

DR. C. J. SPROUL,
DENTIST.
 Teeth extracted without pain by the use of Nitrous Oxide Gas or other Anesthetics. Artificial Teeth set on Gold, Rubber & Celluloid. Crown and Bridge work a Specialty. Offices in Benson Block, Chatham, N. B.

EARLE'S HOTEL
 Cor. Canal & Centre Streets,
 NEAR BROADWAY,
NEW YORK.
 The best Hotel in the lower part of the City for Tourists, Professional and Business Men, Commercial Travellers, Agents, Etc. Substantial in appointments, elegant in location and most economical in PRICES.
 This Hotel has been Newly and Handsomely Furnished and Decorated. Contains a Grand Exchange, Passenger Elevator, Railroad Station, Steamboat Office and Billiard Room.
 The House can be reached by Horse Cars, Stages and Elevated Railroad, and is conveniently located and accessible to places of amusement and business, including Coney Island, Rockaway Beach, and Brighton Beach, Coney Island, High Bridge, Greenwood Cemetery, Brooklyn Bridge, Grand Central Station, etc. Every Liberty Enlightening the World, etc. We have first-class accommodation for 400 guests, and our building being four stories high, and with numerous stairways, is considered the safest Hotel in the city in case of fire.

Branch Office, SEYMOUR, BAKER & CO., members N. Y. Stock and Produce Exchanges, and Chicago Board of Trade, Stocks, Bonds, Grain, Provisions, Commodities, etc. Prompt and sold for Cash on margin. DIRECT WIRE TO CHICAGO.
Sanitary and Fire Arrangements Perfect.
 Location the Most Healthy in the City.
Ferdinand P. Earle,
 Owner & Proprietor

EARLE'S NEW PALATIAL HOTEL.
 BROADWAY & 86th STREET.
 European Plan; Restaurant Unsurpassed.
 Esterbrook, Inspector of Buildings, says: "Every room is a place of security for occupants, as the house is ABSOLUTELY FIRE-PROOF." Steam heat, speaking tubes, electric bells, and burglar alarms attached to all rooms.
Ferdinand P. Earle,
 Resident Proprietor.

Cheese! Cheese!
 IN STORE AND TO ARRIVE:
2 500 BOXES
Factory Cheese.
 For sale low in lots by
C. M. BOSTWICK & CO.

LONDON HOUSE.
FLOUR!
FLOUR!
FLOUR!
 "Goldies Sun," equal to "Crown of Gold," "Granulated" and "Hexel."
 All choice patent flours. OAT-MEAL, CORNEAL.
 ALSO
 100 Chests of well selected TEAS
 the best value in the market, WHOLESALE and RETAIL at remarkably low prices.
R. HOCKEN
LAND FOR SALE.
 The subscriber offers for Sale five acres of land on east side of Richfield Road leading in possession of Wm. Crobie.
 G. STOTHART.
 Feb. 12th, 1890.