

BUSINESS NOTICE.

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MIRAMICHI ADVANCE

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D. G. SMITH, EDITOR & PROPRIETOR. TERMS—\$1.00 a Year, in Advance

WINTER STOCK!

NOW OPENING AT J. B. SNOWBALL'S. DRESS MELTONS, AMAZON TWILLS, BLACK & COLD SERGES, CASHMERES & MERINOS.

SCARLET, WHITE, BLUE & GREY FLANNELS. Black and Cold Velveteens, Ladies' Cloakings and Wool Shawls.

MILTON, NAP AND FRIEZE OVERCOATINGS. CANADIAN AND SCOTCH TWEEDS AND TROUSERINGS. Ladies' and Gents' Underwear, White and Gre Blankets, Flannellettes and Canton Flannels.

TABLE-LINENS, SHEETINGS, TOWELINGS AND TOWELS. AND A COMPLETE LINE OF Gents' Furnishings.

Miramichi Foundry, STEAM ENGINE AND BOILER WORKS, CHATHAM, N. B.

JOSEPH M. RUDDOCK, PROPRIETOR. Steam Engines and Boilers, Mill Machinery of all kinds; Steamers of any size constructed & furnished, complete.

GANG EDGERS, SHINGLE AND LATH MACHINES, CASTINGS OF ALL DESCRIPTIONS. CAN DIES. IRON PIPE VALVES AND FITTINGS OF ALL KINDS.

DESIGNS, PLANS AND ESTIMATES FURNISHED ON APPLICATION. ASK FOR BULL DOG Steel Wire Nails, THEY NEVER LET GO, AND TAKE NO OTHERS.

Orders filled at Factory Price, and a Freight Allowance made on lots of 10 kegs and upwards at one shipment. KERR & ROBERTSON, SAINT JOHN, N. B.

SPRINGHILL COAL INTERCOLONIAL RAILWAY. House Coal, Steam Coal, and Blacksmith Coal. JOHN POTTERINGHAM, Agent.

SLEIGHS. I HAVE ON HAND THE Best Stock of Sleighs, ever offered for sale in this county. I have Several New Designs. I GUARANTEE ALL MY WORK. ALSO A FIRST CLASS STOCK OF Driving Harness, Made To Order, All of which I am prepared to sell at PRICES AND TERMS TO SUIT. The Hard Times. ALEX ROBINS ON.

HOUSES TO RENT. Part of the two story double house on Foundry Lane and part of the large two story house on Mitchell Street. For further information apply to JOHN POTTERINGHAM.

Miramichi Advance.

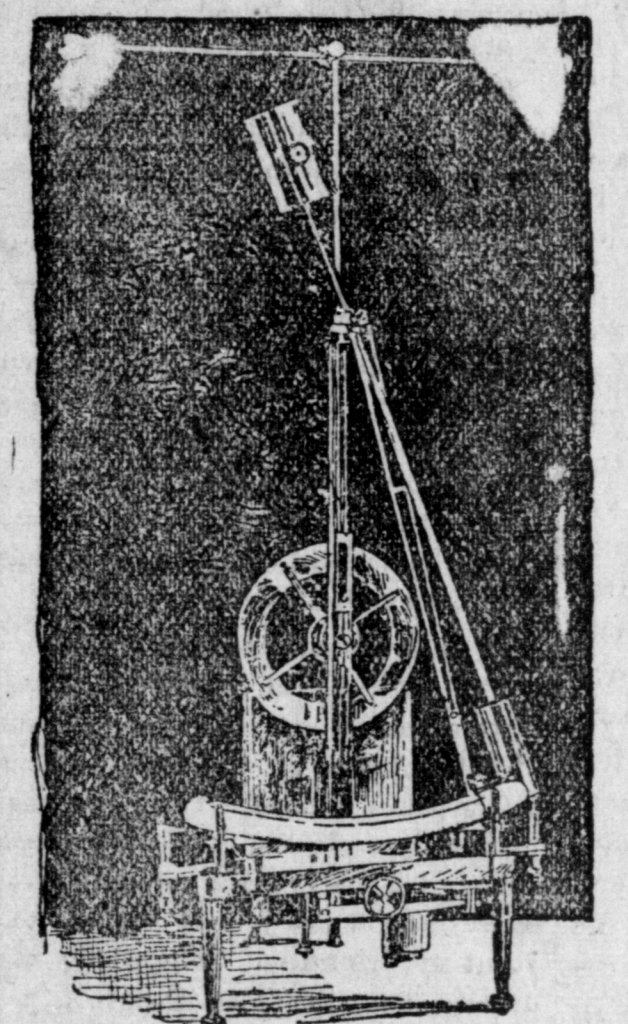
CHATHAM, N. B., APRIL 11 1895.

TO MEASURE THOUGHT.

THE NEW AND WONDERFUL CHRONOSCOPE AND ITS WORK.

An Instrument that is Very Simple, Yet Will Record the Very Finest of Muscular Impressions—The Time Taken in Determining Colors—Its Use in Athletics.

What is claimed to be the most wonderful timing instrument in the world is called a pendulum chronoscope, and has excited widespread interest in the scientific world. It measures accurately down to the one-thousandth part of a second, and is expected to take the place at once of the old-style chronoscopes in scientific laboratories.



THE NEW CHRONOSCOPE. York Ontario. The machine was made and perfected by J. J. Hopan, the head of the Mechanical Department of the Physiological Laboratory of Yale.

It can be used with the quickness of a stop-watch, and neither electrician nor mathematician is needed to operate the instrument. Constructed on the pendulum principle, it measures the reaction time between sight, hearing or the operation of the will in muscular movement.

The instrument is a mechanical one with simple electrical attachments. The speed of a cannon ball can be determined by the new timer, and it will tell the lapse of time between the firing of a revolver and the starting of a runner, or determine how long it takes a sparrer to deliver a blow.

The new instrument is about two feet high and is mounted on silver and nickel. It cost about \$300 to construct it.

A simple description of this new instrument consists of a pendulum and a pointer swinging independently on the same axle. The tip of the pointer swings along the face of a curved scale or indicator, which is so graduated that it shows the thousandths of a second.

To measure the time required for the transmission of any given impression, a button is pressed and the quickness of the lum in motion and registers the result on the scale.

It has been demonstrated that on an average the reflex action for sound occupies 0.120 of a second.

In making a slight test when the pendulum comes in contact with the pointer a black shutter is raised from a light disk, as the disk flashes on the light the subject touches the button and the pointer is at once stopped. It has been found that 300 of a second is the average time between the exposure of the disk to the light and the pressure of the button.

When a test for discrimination is made the lifting of the shutter may show either a flash or a yellow disk. The latter is to be pressed by the subject if the dial is blue; if it is yellow the button is not to be touched. Test after test is made until it requires about .010 of a second additional to discriminate colors.

The Hipp chronoscope is the one that has hitherto been in use, but it is controlled by delicate clock-works and is easily disarranged.

Some scientists, among them Prof. Scripture of Yale, maintain that muscology proper. Quickness, steadiness and accuracy of movements are regulated by the will, and Prof. Scripture said that such a plan should be trained to be quick of thought.

Baseball, football and other athletic games he includes in psychology. "One of the greatest psychological questions," he said, "was the game of football." The reason a certain college was defeated for so many years was because of the bad effect on the will of the players by previous defeats and the conviction of the onlookers that that team would be defeated.

The Power of Imagination. Dentists have a splendid opportunity of studying the power of imagination. A Toronto practitioner by way of illustration tells about one of his women patients. She entered, accompanied by her husband, and pointing to her swollen face asked the dentist to extract the offending tooth. He placed her in the chair and taking the small hand glass which dentists use put it in her mouth for the purpose of examining the molar which was to be extracted.

The glass had so soon touched the tooth that she uttered a frightful scream, and, bounding out of the chair, rushed into the waiting-room, crying that her jaw was broken. The united efforts of her husband and the dentist were for some time unable to persuade her that the tooth was not extracted and that she could not possibly have been hurt.

After examining her with the aid of the glass she finally became convinced that the tooth was still in its place. Taking her seat in the chair again she submitted to the operation of extracting the tooth without a murmur and expressed her surprise that the pain was so slight.

Burning Coal Dust. An apparatus for burning coal dust has been invented and brought out in Germany, which is said to consume the most inferior class of material with no smoke, while the heat produced is so intense that the apparatus has been adapted in Berlin for smelting purposes, with excellent results.

THE CITY OF GLASGOW. A British Lifeboat which is a Very Decided Novelty. Attempts made from shore to rescue people on a wrecked ship are almost always futile, in the nature of things, made in a rough sea. To propel a lifeboat with oars under such circumstances is exceedingly difficult, and sometimes well-nigh impossible. Then, too, aside from the uncertainty of reaching the unfortunate people on the stranded vessel at all, there is the element of delay when every moment counts. It is not surprising, therefore, that the use of steam for motive power on these boats has long been under consideration. But such a plan would have to encounter this disadvantage: In rough weather a screw propeller would continually be coming up out of the water as the boat pitched and her stern was pitched high. A small craft would be even more subject to this trouble than a big one. Accordingly, she has been adapted in Berlin for smelting purposes, with excellent results.

The greatest truths are the simplest; and so are the greatest men. Be what you are. This is the first step towards becoming better than you are. Unless a tree has borne blossoms in spring, you will vainly look for fruit on it in autumn.

Iron, on human or animal, cured in a matter by Woodford's Sanitary Lotions, Warracted J. Pallen & Son.

Too much is seldom enough. Pumping after your bucket is full prevents its keeping so.

O, that old age were truly second childhood! It is seldom more like it than the berry to the roebuck.

A Wonderful Fish Preserver. This is the little given to Scott's Emulsion of Cod Liver Oil by many thousands who have taken it. It not only gives flesh and strength by virtue of its own nutritious properties, but creates an appetite for food.

Let our repentance be a lively will, a firm resolution, Complaints and mourning over past errors avoid nothing.

A rational, moral being cannot, without infinite wrong, be converted into a mere instrument of another's gratification.

The soul looks steadily forward, creating a world always behind her.

A great step is gained, when a child has learnt that there is no necessary connection between liking a thing and doing it.

The innocence that feels no risk and is taught no caution, is more vulnerable than guilt, and often safer.

The finest composition of human nature, as well as the finest china, may have a flaw in it, though the pattern may remain of the highest value.

All virtues lie in individual action, in inward energy, in self-determination. The best looks have most beauty.

Sudden resolutions, like the sudden rise of the mercury in the barometer, indicate little else than the changeableness of the weather.

The difference between heathen virtue and Christian goodness is the difference between oars and sails, or rather between galleys and ships.

Hotels. ADAMS HOUSE. ADJOINING BANK OF MONTREAL. WELLINGTON ST., CHATHAM, N. B.

GOOD STABLING & C. THOMAS FLANAGAN. PROPRIETOR. TEAMS will be in attendance on the arrivals of all trains.

CANADA HOUSE. CORNER WATER & ST. JOHN STREETS, CHATHAM. LARGEST HOTEL IN CHATHAM.

REVERE HOUSE. Near Railway Station, Campbellton, N. B. formerly the Hotel, kept by Mrs. Grogan.

Sample Rooms. GOOD STABLING on the premises. Daniel Desmond, Proprietor.

MEATS, ETC. TURKEYS, GEES, CHICKENS. X'MAS FRUITS. RAISONS, CURRANTS, ORANGES, LEMONS, APPLES, ETC. X'MAS ESSENCES AND FLAVORINGS OF ALL KINDS. Family Groceries a Specialty. ROGER FLANAGAN.

Tenders for Stock. Tenders will be received by the undersigned up to and including Saturday, March 30th inst. for the stock in trade belonging to the estate of Thos. A. Clark, Newcastle.

General News and Notes. Rheumatism Cured in a Day.—South American Cure for Rheumatism and Neuralgia radically cures in 1 to 3 days.

Grimes shot too much; vios almost always too little.

Riches got by deceit, cheat no man so much as the getter.

Riches got by fraud are dug out of one's own heart and dried the mind.

ENGLISH SPAIN LINIMENT removes all hard, sore or calloused Lumps and Blisters from horses, Blood Spavin, Curbs, Splints, Ring Bone, Swellings, Stiles, Sprains, Sore Swollen Throat, Coughs, etc. Save \$50 by use of one bottle. Warranted the most wonderful Blood-Cure ever known. Warranted by J. Pallen & Son.

JAMES HUDSON ESTATE. All persons having any just claims against the estate of the late James Hudson of Woodfield parish of Chatham, Northumberland Co., are hereby required to render the same, duly attested to the undersigned for payment; and all persons indebted to the said James Hudson are requested to make payment to the undersigned within three months from date.

JUST RECEIVED

I have just received a large supply of PATENT MEDICINES, consisting of the following:

Sarsaparilla, Emulsion, Cough Syrup, Liniment, Maltine Preparations, Hawker's Preparations, Quinine Wine, Quinine Tonic, Quinine Lotion, and Wine, Shiloh's Consumption Cure, Grover's Syrup, Acid Dandruff Cure, etc.

TOILET SOAP. HAIR BRUSHES, WHISKES. TOOTH BRUSHES, SHAVING BRUSHES. TOOTH POWDER, AND COMPLEXION POWDER.

A Fine Lot of Pipes and Cigars always on hand. Newcastle Drug Store, E. LEE STREET, Proprietor.

Stop that CHRONIC COUGH NOW! For if you do not it may become consumption. For Consumption, Scrophula, General Debility and Wasting Diseases, there is nothing like SCOTT'S EMULSION.

SCOTT'S EMULSION. Of Pure Cod Liver Oil and HYPOPHOSPHITES. It is almost as palatable as milk. Far better than other so-called Emulsions. A wonderful fish product. SCOTT'S EMULSION is put up in a salmon color wrapper. Do not get the cheap imitations. Sold by all Druggists at 50c. and \$1.00. SCOTT & BOWNE, Belleville.

DR. J. HAYES, Memb. Royal Col. Surg., Eng. Lic. Royal Col. Phys., London.

WOOD-GOODS! WE MANUFACTURE AND HAVE FOR SALE Laths, Pailings, Box-Shooks, Barrel Heading, Matched Flooring, Matched Sheathing, Dimensioned Lumber, Sawn Spruce Shingles.

THOS. W. FLETT, NELSON. ALEX. MACKINNON, WATER ST., CHATHAM.

REDUCED PRICES in the following lines, viz: Mixed Candy, nuts, Grapes, Lemons Raisins, Currants, Citron and Lemon Peel, Flavoring Extracts and Pure Spices, and other Groceries.

A nice line of gift cups & saucers, Mugs, Lamps, and a General assortment of Glass and Earthenware &c.

ALEX. MCKINNON. December 13th 1894.

ATTENTION! WANTED 10,000 hands what. RUSSELL MCDUGALL & CO. have started their GRIST MILL and are now prepared to give quick returns to a large amount of customers. They will be prepared to grind buckwheat in a short time.

DR. R. D. WILSON, Physician and Surgeon. Office and Residence, Alans house, Chatham, N. B. 18 95.

COFFINS & CASKETS. Rosewood Walnut etc., Coffins and Boxes supplied at the very lowest rates. Pal. Beavers' outfit furnished. James Hackett, Undertaker, CHATHAM, N. B.

NEW GOODS. FLAKE ROLLED PEAS, FLAKE WHEAT, FLAKE OATS, FLAKE BARLEY, GRAHAM BUCKWHEAT, WHEAT FLOUR; HUNGARIAN FLOUR, HARD MANITOBA WHEAT, WHEAT FLOUR FROM HIGHEST TO MED. TUN ONTARIO PATENTS.

W. S. LOGGIE COY LTD

Health Restored ALL RUN DOWN No Strength nor Energy Miserable in the EXTREME. Hands COVERED WITH SORES. CURED BY USING Ayer's Sarsaparilla.

Ayer's Sarsaparilla. Admitted AT THE WORLD'S FAIR. DERAVIN & CO. COMMISSION MERCHANTS. ST. KITH'S, W. I. Cable Address: Deravin LEON, DERAVIN, Consul Agent for France.

MACKENZIE'S QUININE WINE AND IRON, THE BEST TONIC AND BLOOD MAKER 500 BOTTLES WE GUARANTEE IT AT Mackenzie's Medical Hall, CHATHAM, N. B. Feb'y, 19, '95.

PATENTS CAN I OBTAIN A PATENT? For a prompt answer and an honest opinion, write to the undersigned, who has had 20 years' experience in the patent business. Communications will be confidential. A full and complete information concerning Patents and how to obtain them sent free. Also a catalogue of mechanical and scientific books sent free. Patents taken through MUNN & CO. receive special notice in the Scientific American, and this is strongly urged by every inventor. The Scientific American is the most widely read journal in the world. \$3 a year in advance. Single copies, 10 cents. Every number contains valuable news, and is a most interesting and profitable business. With plans, enabling builders to show the best designs and secure contracts. MUNN & CO., NEW YORK, 361 BROADWAY.

B. R. BOUTHILLIER, MERCHANT TAILOR, CHATHAM. Keeps constantly on hand full lines of Cloths of the best quality. British, and Canadian Makes, Trimmings, etc. GENTLEMEN'S GARMENTS of all kinds cut and made to order on the premises, with quickest despatch and at reasonable prices. Ladies' COATS & SACQUES on order. Satisfaction Guaranteed.

HOTEL For Sale or to Let. The Keary House, Bathurst, which is a most desirable hotel for a profitable business. The hotel is pleasantly situated, fronting the harbor and is well furnished by summer tourists. Possession given 1st May, next. Apply to JOHN SWEETWRIGHT, 117 St. John St., 25th, 1895.

TO RENT. The subscriber's premises known as the Lower corner (over Dr. J. B. Brown's residence) and the dwelling house on St. John Street near the subscriber's upper store. R. FLANAGAN.

5,000 HIDES! Five Thousand Hides Wanted. I will pay cash on delivery for all the hides I can procure; also, I will buy one thousand calf skins either for cash or on credit. Hides, furs, and skins of all kinds, in any part of the County, sending, please bring them to my store, where they will be promptly paid for. W. J. TROY.

Final and Unreserved AUCTION SALE of the remainder of the stock in the Commercial House, Chatham, N. B. MONDAY, APRIL 1ST 1895.

I am instructed to sell by public auction the balance of the stock of flour and staple dry goods, including, but not limited to, the following: Flour, Millinery goods, trimmings, satins, silks, veils, buttons, corsets, hosiery, cravats, neckties, gloves, and all other goods, and a large variety of small wares, &c. &c. Terms:—All sales under \$10.00, cash. Fifteen to thirty dollars, three months. All sales over \$50.00, four months on approved plan of sale. W. M. WISE, Auctioneer, March 21st, 1895.