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WM. NEWLANDS, JR., ARCHITECT, corner of Brock and King Street, over Wade's Drug Store. Entrance on King Street, next to the Whig Office.

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DR. ELIZABETH SMITH-SHORTT, C.M., M.C.P. & S.O., Late of Hamilton, 63 West Street, Diseases Women and Children. Feb. 5

HOMOEOPATHY, C. L. CURTIS, M.D., successor to Dr. Jarvis, Physician, Surgeon, &c., Office and Residence nearly opposite the Post Office, Wellington Street. Calls in the city or country promptly attended to.

J. H. CLARK, M.D., D.D.S., L.D.S., DENTIST, Graduate of New York College of Dentistry. Office—Wellington Street, between Princess and Brock Streets. Particular attention paid to the preservation of the natural teeth.

R. E. SPARKS, D.D.S., L.D.S., DENTIST, Office—Princess St., between Montreal and Sydenham Streets. Residence No. 21 Charles Street. Office hours, 8 a.m. to 6 p.m., and on Saturday evenings 7 to 10 o'clock. Telephone 196

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HENRY BRAME, Leading Undertaker and Embalmer, -251 PRINCESS STREET, Cor. Sydenham Street. Telephone communication.

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BEDROOM SUITES, PARLOR SUITES, AND SIDEBORDS. Than ever before in the city at ANDERSON'S, 58 BROOK ST.

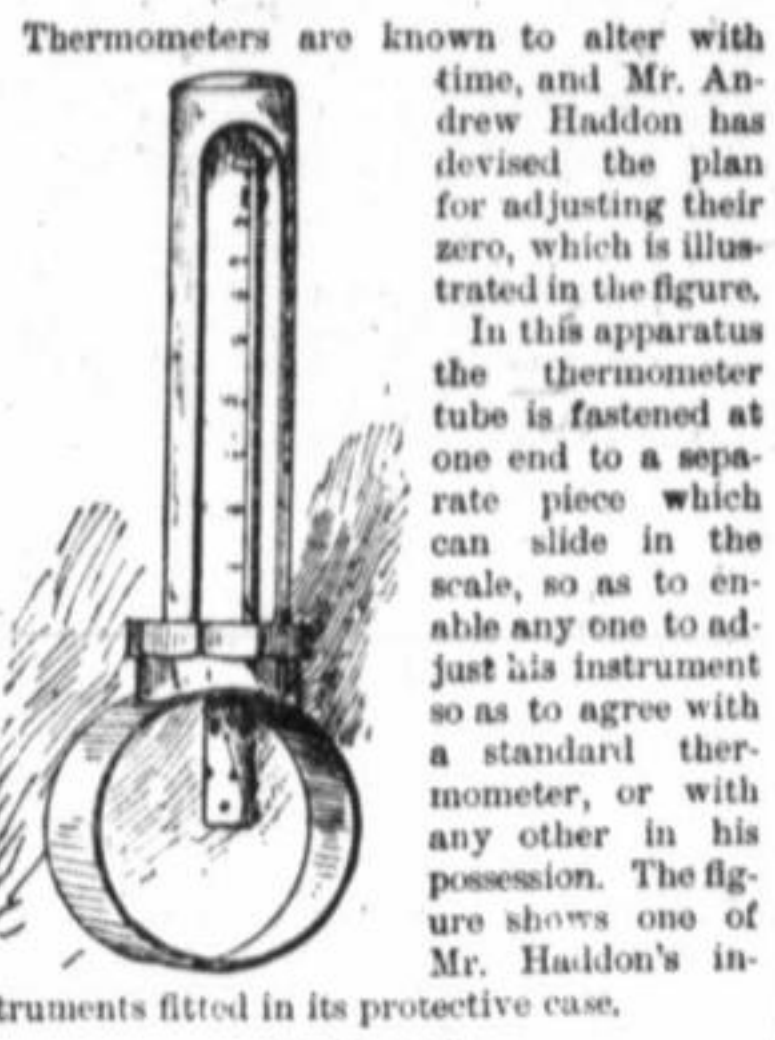
F. C. MARSHALL, UPHOLSTERER & CABINET MAKER.

PARLOR SUITES AND LOUNGS of every description made to order. REPAIRING promptly attended to. Chairs re-upholstered. MATTRESSES restuffed or made to order. CARPETS cleaned and laid. 241 PRINCESS STREET.

SCIENCE AND PROGRESS.

HOW CRABS CAST OFF A LIMB WHEN IRRITATED OR INJURED.

Restrictions on the Practice of Medicine in Minnesota—How to Discover Trichina in Pork—A Plan Devised for Adjusting the Zero of Thermometers.



Thermometers are known to alter with time, and Mr. Andrew Haddon has devised the plan for adjusting their zero, which is illustrated in the figure.

Practice of Medicine in Minnesota. Under a law recently passed in the Minnesota legislature the restrictions placed upon the practice of medicine in that state will be more severe than in any other part of the United States.

Making Paper Adhere to Metal. The following formula for a mixture which can be used for metal, glass or wood, is given in Revue Photographique: Gum tragacanth, 30 grammes; anacia gum, 120 grammes; water, 500 c. c.

Tracing Trichina in Pork. The best mode of tracing or finding trichinae in pork by means of a microscope, says Scientific American, is as follows: Cut a very thin longitudinal slice of the muscle by means of a very sharp knife or razor.

Easy Way to Repair a Boiler Furnace. When you have to repair your boiler furnace, says The Stationary Engineer, and cannot get any fire clay, take common earth mixed with water, in which you have dissolved a little rock or other salt; use same as fine clay; the furnace will last fully as long.

To Write on Glass. An ink that will write on glass can be made from ammonium fluoride dissolved in water and mixed with three times its weight of barium sulphate.

Self Mutilation of Animals. An article in a recent number of La Nature discusses at length the power possessed by crabs and some other animals of casting off a limb when roughly injured or irritated.

M. Parize tried the experiment of placing a common crab near a large octopus, which is found upon the coasts of Brittany and lives largely upon these crustacea. The octopus seized the crab by a claw with one of his tentacles, but as soon as the crab felt the pressure he quietly abandoned the unfortunate member and hurried away to a safer locality, and, if crabs have any sense of humor, doubtless laughing at the disappointment of the octopus who was defrauded of his dinner in such an unfair manner.



OCTOPUS AND CRAB. M. Parize considers that autotomy is largely a voluntary act and that the animal deliberately sacrifices his limb to escape from his enemy, agreeing upon this point with Professor Huxley; but M. Fredericq, on the contrary, thinks that it is a reflex phenomenon, caused by the irritation of the limb, just as we instinctively close our eyes when a grain of sand is blown into them or start at a sudden noise.

Advice to Travelers. Those who wish to make themselves as comfortable as possible while traveling in a sleeper will do well to note the following advice from Medical and Surgical Record: For men a light cap, one that will cover over the ears, so as to serve as a nightcap, will be desirable. In cold weather a woolen cap is best.

Delicately Expressed. No finer thought was ever penned than that Knowles put into the mouth of Virginius. Correctly quoted, it reads: I hear a voice so soft that nothing comes. Twist it and silence!

PHYSIOLOGY AND HYGIENE.

Health of American Women—Effect of Arsenic on the Blood and Skin.

The ill health that prevails to so great an extent among American women has grown to be a subject of much consideration. Virginia Penny enumerates various causes for the weakness and early breaking down of her country women, who, in this respect, compare ill with English women.

American women, according to our authority, marry too early and live too secluded. Many are scarcely out of school before they settle down as wives and housekeepers, the cares of a family devolving on them before they have the strength and nerve to perform them.

A Safe Nursery Powder. The Druggists' Circular gives a formula for preparing a nursery powder that will cure severe chafing:

Gum camphor 1/4 ounce. Carbolic acid 15 drops. Oxide of zinc 1/4 ounce. English precipitated chalk 2 ounces. Oil of neroli 5 drops. Oil of rose 2 drops.

Miller's Cough. This distressing complaint is caused by the constant inhalation of dust laden air in a flouring mill. In case of lungs naturally weak it runs at last into the ordinary symptoms of pulmonary complaint.

How to Administer Castor Oil. Of all nauseating agents employed by physicians, castor oil stands near, if not at the head of the list. It is not quite so bad when taken in strong coffee or lemon juice.

Effects of Arsenic Eating. Herald of Health affirms that the exact state of things brought about by arsenic eating is a diminution of the strength of the blood; the capillary blood vessels are stopped; working, the ends of the blood vessels are killed; no blood is supplied to the skin, and the real reason for its white, transparent state is that it is practically dead.

When Baby was sick, we gave her Castoria. When she was a Child, she cried for Castoria. When she became Miss, she clung to Castoria. When she had Children, she gave them Castoria.

Advice to Mothers. Mrs. Winslow's Soothing Syrup should always be used when children are cutting teeth. It relieves the little sufferer at once; it produces natural, quiet sleep by relieving the child from pain, and the little cherub awakes as "bright as a button."

In Process of Fattening. Customer (in Chinese laundry)—Does that dog belong to you, John? Celestial—Yep. Customer—Are you fond of dogs? Celestial—When hungry, dog belly good.—New York Sun.

A Severe Attack. "I never felt better in my life than I have since taking Burdock Blood Bitters. I had a severe bilious attack, I could not eat for several days, and was unable to work. One bottle cured me." John M. Richards, sr. Tara, Ont. For all bilious troubles use B.B.B.

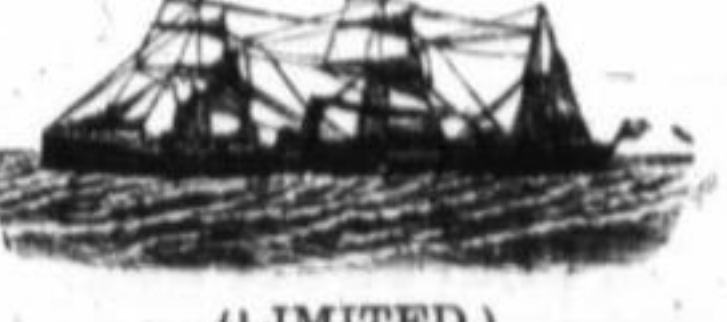
The Only Way to Eat Corn. "What is the best way of eating corn on the cob?" asked a young married woman of her husband at dinner the other day. "Don't know," was the gruff reply, "never tried to eat corn on a cob; always eat it off."

Certain Cure. A cure for cholera morbus.—A positive cure for this dangerous complaint, and for all acute or chronic forms of bowel complaint incident to summer and fall, is found in Dr. Fowler's Extract of Wild Strawberry, to be procured from any druggist.

Dish cloth soap—A towel with every 25¢ (4 lb.) bar. Hendry & Thompson.

TRAVELLING.

CUNARD LINE.



(LIMITED.) NEW YORK AND LIVERPOOL (CALLING AT CORK HARBOR)

From Pier No. 40, N.R., New York. FAST EXPRESS MAIL SERVICE.

ETRURIA, Saturday, Oct. 15th. AURANIA, Saturday, Oct. 22nd. UMBRIA, Saturday, Oct. 29th. SERVIA, Saturday, Nov. 5th. ETRURIA, Saturday, Nov. 12th. AURANIA, Saturday, Nov. 19th. UMBRIA, Saturday, Nov. 26th. SERVIA, Saturday, Dec. 3rd.

RATES OF PASSAGE: Cabin—\$60, \$80 and \$100, according to accommodation. Intermediate passage—\$35. Steerage at Very Low Rates. Steerage Tickets to and from London and Queenstown and all other parts of Europe at lowest rates.

For freight and passage apply to Company's Office, No. 4, Bowling Green, New York. VERNON H. BROWN & CO., Or to J. P. Gildersleeve, Agent, 42 Clarence Street.

ALLAN LINE Royal Mail Steamships.

THE - SHORTEST - SEA - PASSAGE, AVERAGE TIME 8 DAYS.

STEAMSHIPS FROM MONTREAL FROM QUEBEC Sarnatian 12th Oct. 13th Oct.

Rates of Passage by the Mail Steamers: From Quebec to Londonderry and Liverpool: Cabin—\$60, \$70, \$80. Return—\$110, \$130, \$150. Intermediate—\$30. Return—\$60. Steerage \$20. Return \$40.

From Quebec to Londonderry and Liverpool: Cabin—\$60, \$70 and \$75. Return—\$90, \$110 and \$120. Intermediate—\$30. Return \$60. Steerage at very low rates.

The Steamships of the Allan Line come direct to the Halifax wharves, and passengers are forwarded on by special trains to Montreal and the West. The last train connecting at Quebec with the Mail Steamers, sailing from that port on Thursday, leaves Kingston on Wednesday at 1:45 p.m.

The last train connecting with the Extra Steamers, sailing from that port on Thursday at 1:45 p.m. For Tickets and every information apply to THOMAS HANLEY, World's Ticket Agent, Corner Johnson and Ontario Streets.

GRAND TRUNK CITY-PASSAGER STATION BAY OF QUINTE STEAMBOAT ROUTE.

DAILY TO PICTON, TRI-WEEKLY TO DESERONTO AND BELLEVILLE.

The Fast and Elegant STR. CAHERO, (C. H. NICHOLSON, MASTER.)

Will, until further notice, leave Gunn's Wharf at 3:30 p.m. sharp for Bay of Quinte ports, arriving at Picton at 7:30 a.m., and going through to Deseronto and Belleville Tuesday, Thursday and Saturday nights only.

Returning, will leave Smith's Falls every Monday and Friday at 6:00 a.m. sharp; Deseronto 7:30 a.m., and Picton 9:30 a.m.; leaves Picton Tuesday and Thursday at 7:30 a.m., and Saturday leaves Picton at 5:00 a.m.

Magnificent accommodation for passengers and lowest freight rates given. Full information given by applying to the Captain on board, or to C. H. HATCH, A. GUNN & CO., J. P. GILDERSLEEVE, Freight Agts. Pass. Agents.

TRI-WEEKLY TRIPS BETWEEN KINGSTON & SMITH'S FALLS.

THE STEAMER RIDEAU BELLE, (D. NOONAN, MASTER.)

Will leave Kingston every Tuesday, Thursday and Saturday at 11:00 a.m., calling at all intermediate ports, and will arrive at Westport on Tuesday, Thursday and Saturday at 8 a.m., and at Smith's Falls every Saturday at 12 o'clock p.m.

Returning, will leave Smith's Falls every Monday morning at 6 o'clock; Portland, every Wednesday morning at 3 o'clock; Westport, every Wednesday and Friday at 6 a.m., calling at all intermediate ports, arriving at Kingston 6:30 o'clock p.m.

All day trip, giving opportunity of seeing the splendid scenery of the Rideau and other lakes both ways. Passengers will have nearly two hours at the picturesque Jones's Falls, one of the most romantic spots on the continent.

Every attention paid to the comfort of passengers. Freight handled with care and dispatch. Through freight consigned to our care, will have prompt attention. For further particulars apply to the proprietors, Noonan & Hajus; Capt. A. Foster, Smith's Falls; or James Swift, Kingston.

TRAVELLING.

KINGSTON & PEMBROKE CANADA PACIFIC RAILROADS

New Direct, Shortest, Quickest, Cheapest and Best Equipped All Rail Routes to Manitoba, the North-West, and British Columbia points.

THE BEST AND CHEAPEST ROUTE Between Kingston, Peterboro, Toronto, St. Thomas, London, Ottawa, Montreal, Quebec, and all points east and west.

Express leaving Kingston at 12:40 p.m. Arrives Toronto 8:30 a.m.; Ottawa, 5:25 p.m. Montreal, 8:15 p.m.; Renfrew, 5:10 p.m. Passengers leaving by this train will reach Winnipeg in 60 hours.

No. 3 Express leaves Kingston at 12:40 p.m. Arrives Toronto 8:30 a.m.; Ottawa, 5:25 p.m. Montreal, 8:15 p.m.; Renfrew, 5:10 p.m. Passengers leaving by this train will reach Winnipeg in 60 hours.

No. 1 Mixed leaves Kingston 7:30 a.m.; arrives at Sharbot Lake 10:00 a.m., and Renfrew 2:45 p.m., connecting with C.P.R. Express for points east.

No. 5 Express leaves Kingston at 4:15 p.m.; arrives at Sharbot Lake at 7:10 p.m.; Renfrew at 10:45 p.m.

No. 7 Express leaves Kingston at 11:45 p.m., connecting with C.P.R. Night Express Train at Sharbot Lake for all points east and west. J. H. TAYLOR, F. CONWAY, R. W. FOLGER, Asst. Supt. Ass. Gen. Pass. Agt. Supt.

GRAND TRUNK RAILWAY.

SHORTEST, BEST & CHEAPEST ROUTE TO Minnesota, Dakota, San Francisco and British Columbia.

Passenger Trains leave the new City Passenger Depot, foot Johnson Street, as follows:—

GOING EAST GOING WEST. No. 1 at 1:00 p.m. No. 2 at 3:15 p.m. No. 3 at 1:25 a.m. No. 4 at 2:10 a.m. No. 5 at 1:45 p.m. No. 6 at 4:55 a.m. Mixed at 6:15 a.m. Mixed at 7:55 p.m.

Express Trains Nos. 3, 4 and 6 run Sundays included. No. 6 does not run on Monday.

WINTER IN SOUTHERN CALIFORNIA.

The Grand Trunk Railway will run Excursions from Kingston to San Francisco, San Diego and Los Angeles as follows: OCT. 17th, 18th, 24th and 25th; also Excursion by Grand Trunk and Canadian Pacific Railways on OCT. 22nd and NOV. 4th to New Westminster, Vancouver and Victoria, B.C., Seattle, Tacoma, Washington Territory, Portland, Oregon, and San Francisco, California.

All Tickets good to return for six months. For rates and general information apply to THOS. HANLEY, Agent Grand Trunk Railway, corner Johnson and Ontario Streets.

MONTREAL AND WAY PORTS.

Fast, Commodious, Upper Cabin Steamer "ALEXANDRIA," (CAPT. SMITH, MASTER.)

Will leave Gunn's wharf every Monday afternoon at 4 o'clock for Montreal, calling at Gananoque, Brockville, Prescott, Ogdensburg, Morrisburg, etc., running all rapids, and arriving in Montreal early Tuesday evening.

Returning, leaves Montreal Thursdays at 12 o'clock noon, for Kingston, arriving Friday night, leaving Kingston for Trenton and Bay of Quinte ports on Saturday mornings.

Passen for accommodation unsurpassed. Reduced tickets at reduced rates paid since 1st information the following large sums: For Fire Losses, \$82,000,225 For Life Losses, 25,800,225

THOMAS BRIGGS, Agent.

SUN LIFE ASSURANCE COMPANY.

Nearly all the litigation and resisted settlements in Life Assurance arise from clauses and conditions in the policies. They often read "Indisputable after two years from any cause whatever," provided only that the conditions are kept intact. The "SUN" is absolutely UNCONDITIONAL, and therefore absolutely indisputable after two years. We have no "providable only."

Surplus over all liabilities \$ 94,432.97 Total surplus policy holders 594,432.97 Assets 1,573,027.10 New Life business for 1888 3,114,788.40 LIFE AND ACCIDENT. For rates apply to E. C. HILL, 304 GORDON STREET.

THE AETNA INSURANCE COMPANY, HARTFORD CONN.

Cash Capital \$ 4,000,000.00 Total Assets, January 1st, 1887 8,902,272.90 Losses paid in 63 years 53,400,000.00

The leading Fire Insurance Company on the Continent. Its Annual Premium Receipts in Canada and the United States are larger than those of any other company, and it has an unblemished record of 63 years. August 9. JAMES SWIFT, Agent

GUARDIAN ASSURANCE COMPANY.

Subscribed Capital \$2,000,000 Total Invested Funds upwards of \$3,901,000 Total Income \$ 788,000

Insurances against Loss by Fire accepted at the lowest current rates and claims settled without reference to the Board at London. W. H. GODWIN, Agent for Kingston, Mech. Is. BRITS WHIG OFFICE.

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