

Science Notes.

A new method of measuring temperatures, according to *Industries and Iron*, has been devised by M. Berthelot, the French chemist, by which the temperature of an enclosed space can be ascertained without the introduction into it of a thermometer. The method is stated to be founded on the examination of a luminous ray traversing the space whose temperature it is desired to ascertain. The examination of the ray of light as its points of entry and exit gives the necessary data, and enables the temperature of blast-furnaces, the electric furnace, etc., to be fixed with certainty.

Authorities on hydraulics have usually held that long waves in a rectangular canal must necessarily change form as they advance, becoming steeper in front and less steep behind. But in a communication to *The Philosophical Magazine* (London, May), Drs. Korteweg and De Vries, of Amsterdam, prove by an elaborate mathematical process that this is not so. "In a frictionless liquid," say they, in summarizing their results, "there may exist absolutely stationary waves," whose shape remains precisely the same. Some waves, it is true, may get steeper in front, but in other conditions they may even get steeper in the rear.

A QUEENLY HEAD.

Can never rest on a body frail from disease any more than the lovely lily can grow in the sterile soil. When Consumption fastens its hold upon a victim, the whole physical structure commences its decay. At such a period, before the disease is too far advanced, Dr. Pierce's Golden Medical Discovery will arrest and cure it. Send 6 cents in stamps for a Book (160 pages) on Consumption and its Cure. Address World's Dispensary Medical Association, Buffalo, N. Y.

Once used, Dr. Pierce's Pellets are always in favour. Specific for constipation, piles, biliousness and headaches.

ICE Grenadier ICE COMPANY.

Phone 217.

Phone 5103.

OFFICE, 33-39 SCOTT STREET.

Positively No Bay Ice Cut By Us.

Customers can rely on getting beautifully clear, pure Ice all season, as we have nothing else to give.

RATES.—12 lbs. daily \$1.50 per month, 1c. per day extra for each additional 6 lbs.

Western Canada Loan & Savings Co.

64th HALF-YEARLY DIVIDEND.

Notice is hereby given that a dividend of 4 per cent. for the half-year ending 30th June, 1895, has been declared on the paid-up capital stock, and that the same will be payable at the offices of the Company, No. 76 Church St., Toronto, on and after Monday, the 8th day of July, 1895.

Transfer books will be closed from the 20th to the 30th day of June, both days inclusive.

WALTER S. LEE,
Managing Director.

Toronto, June 1, 1895.

HAVERGAL HALL, 350 JARVIS ST., TORONTO.

OPENED SEPTEMBER, 1894.

The Board having determined to make this School equal to the best Ladies' School in England, was most fortunate in procuring as Lady Principal, Miss Knox, who has taken a full course in the University of Oxford, passing the final examinations in the two Honor Schools of Modern History and English. Miss Knox, until she came to Havergal Hall, held an important position in "Cheltenham," one of the largest and best appointed Ladies' Colleges in England.

The Board has determined to have a staff of assistants fully competent to sustain the Lady Principal in her work. Mr. H. M. Field, late pupil of Martin Krause of the Royal Conservatory of Music, Leipzig, is the head of the Musical Department. Mr. E. Wyley (trier, R.C.A.), the well-known Painter, is head of the Art Department.

The School is open for both day pupils and boarders. Full information may be obtained by circulars on application to Havergal Hall, or to

J. E. BRYNANT, Bursar,
20 Bay St., Toronto.

WALTER BAKER & CO.

The Largest Manufacturers of

PURE, HIGH GRADE
COCOAS and CHOCOLATES

On this Continent, have received

HIGHEST AWARDS

from the great

Industrial and Food
EXPOSITIONS
IN EUROPE AND AMERICA.



Caution: In view of the many imitations of the labels and wrappers on our goods, consumers should make sure that our place of manufacture, namely, **Dorchester, Mass.**, is printed on each package.

SOLD BY GROCERS EVERYWHERE.

WALTER BAKER & CO., DORCHESTER, MASS.

RADWAY'S PILLS,

ALWAYS RELIABLE,
PURELY VEGETABLE.

Perfectly tasteless, elegantly coated, purge, regulate, purify, cleanse and strengthen. Radway's Pills for the cure of all disorders of the Stomach, Bowles, Kidneys, Bladder, Nervous Diseases, Dizziness, Vertigo, Costiveness, Piles,

SICK HEADACHE, FEMALE COMPLAINTS,
BILIOUSNESS, INDIGESTION, DYSPEPSIA,
CONSTIPATION.

—AND—

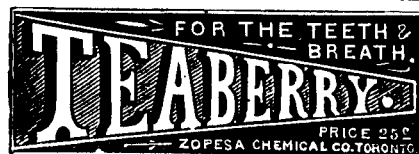
All Disorders of The Liver.

Observe the following symptoms resulting from diseases of the digestive organs: Constipation, inward piles, fulness of blood in the head, acidity of the stomach, nausea, heartburn, disgust of food, fulness of weight of the stomach, sour eructations, sinking or fluttering of the heart, choking or suffocating sensations when in a lying posture, dimness of vision, dots or webs before the sight, fever and dull pain in the head, deficiency of perspiration, yellowness of the skin and eyes, pain in the side, chest, limbs, and sudden flushes of heat, burning in the flesh.

A few doses of RADWAY'S PILLS will free the system of all the above named disorders.

Price 25c. per Box. Sold by Druggists.

Send to DR. RADWAY & CO., 410 St. James St., Montreal, for Book of Advice.



Hoax: How do you like Crankeigh as a neighbor? Joax: He makes a better stranger.

THE GREAT WEST.

If you desire to learn what is going on in British Columbia; what openings for business and investment; what opportunities to make a new home in that delightful Province, subscribe for the Vancouver "News ADVERTISER."—Daily, \$8.00; Weekly, \$2.00 per annum, free by mail.

If you want to secure new customers or to sell your goods in the West, advertise in the Vancouver "News-ADVERTISER."

MANITOBA.

THE FREE PRESS, Winnipeg, is the oldest newspaper in the Canadian Northwest and has a larger daily circulation than all the other Winnipeg daily papers combined.

THE DAILY FREE PRESS circulates in every town reached by rail between Lake Superior and the Mountains.

THE WEEKLY FREE PRESS has the largest circulation amongst the farmers of the Northwest of any paper.

ADVERTISERS can reach the people of Manitoba and the Territories most effectually by means of the FREE PRESS.

FOR RATES APPLY TO

THE MANITOBA FREE PRESS CO.

Winnipeg, Manitoba.

FOR TWENTY-FIVE YEARS

DUNN'S BAKING POWDER

THE COOK'S BEST FRIEND
LARGEST SALE IN CANADA.



Minard's Liniment is used by Physicians.

HEALTH FOR ALL!!

HOLLOWAY'S PILLS

Purify the Blood, correct all Disorders of the

LIVER, STOMACH, KIDNEYS & BOWELS.

They invigorate and restore to health Debilitated Constitutions, and are invaluable in all Complaints incidental to Females of all ages. For children and the aged they are priceless.

Manufactured only at THOMAS HOLLOWAY'S Establishment, 78 New Oxford Street, London

And sold by all Medicine Vendors throughout the World.

N.B.—Advice gratis at the above address, daily between the hours of 11 and 4, or by letter.