

OUR HAMILTON BUDGET.

SUDDEN DEATH OF MR. GEORGE E. LONG OF HEART TROUBLE.

Foreman William Robb of the Spectator... Hamilton, April 15.—(Special)—About 10 o'clock this morning George E. Long...

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Death of Mr. William Robb. Robb, foreman of the Spectator...

After a few weeks' illness, William Robb, foreman of the Spectator...

Judge Jelfs, who is getting tired of having to listen to assault cases...

East Flamboro Wants It. The Council of East Flamboro, after being addressed last night by Dr. Burns...

Building Boom in Hamilton. Exclusive of the new Collegiate Institute...

General Notes. Miss Annie Sellan of the Central school staff left this evening to take a position in the Ottawa Normal School.

W. J. Walsh has issued a writ for \$800 against the Auer Light Company.

The Rev. J. L. Gilmore began his duties as pastor of the James-street Baptist Church tonight and created a good impression.

George Case of Dundas was married this afternoon to Miss Alken's sister of Mrs. H. Kuntz.

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ON STAGE AND PLATFORM

Current and Coming Attractions at the Local Play Houses and Concerts

There will be a matinee performance of "Down in Dixie" at the Toronto Opera House to-day. Next week the original "tank" drama, "East in New York"...

The Pig Show and a Success. The pig show at the Crystal Theatre this week is more than holding its own...

The Chief Clerk's Coming. Sir Arthur Sullivan's latest comic opera, "The Chief Clerk," comes to the Grand for three nights...

Where is it? Miss Yaw sings one octave and two notes above her high register higher than Patti...

A HEARTY WELCOME. General Manager Hays of the Grand Trunk is in the city...

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MANAGER HAYS' BUSY DAY

He Cheers the Civic Deputation by His Promises of Improvements at the Local Play Houses and Concerts

An important conference was held at the Grand Trunk office, Union Station, yesterday. Those present were: The Mayor, Ald. McMurrich, Lamb and Hubbard, Christopher, Robinson, G.C. Corporation, Council Fullerton, City Solicitor Caswell, City Engineer Keating and City Surveyor Sanky...

The Mayor urged the necessity of completing the John-street bridge in one day, and the necessity of the Railway Company carrying out its agreement promptly...

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HAPPENINGS OF A DAY

Items of Passing Interest Gathered in and Around this Busy City.

For assaulting his wife, Albert Jacobs was fined \$50 and costs of 30 days. Judge McDougall, in the case of Robert King, fined him \$500 in land. He issued \$800, of which \$200 was paid to his widow and children.

Magistrate Kingsford presided at the Police Court yesterday in the absence of Col. Denison, owing to the death of his brother.

Magistrate Miller yesterday fined A. Crawford \$5 and costs for keeping open his billiard room, at 385 Yonge-street, after legal hours.

A farmer of King owned a 750 acre lot, besides \$200 in land and \$50 in personalty. All is willed to the widow and children.

The St. George's Society of Hamilton has accepted the proposition of Col. Davidson of the 4th Highlanders, to visit that city on May 24.

A verdant farmer named Henry Collier, who has been in the city since he was 15, at the Union Station by two confederate men, who used the name of "Bill and check game" to catch his money.

Before Judge McDougall, Joseph Reedy, charged with stealing \$100 from his uncle, Timothy Hatchford, North Toronto, pleaded not guilty, and will be tried next week.

James Brennan, a pensioner, 72 years of age, died suddenly at his board in the 188 Adelaide-street west.

Ed. J. Green appeared before Judge McDougall to answer a charge of assaulting the house of Reeve Hill, North Toronto, last January. He pleaded not guilty and will be tried on next.

Last evening the men who formerly worked under Foreman A. Gilman in the St. Lawrence Department, were at his residence, 63 Northcote-avenue, and made him a presentation of a beautiful watch, accompanied by an elaborate address upon his retirement.

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THE X RAYS AND DISEASE.

CAN GERMS BE KILLED BY RADIANT ENERGY?

Some Very Interesting Experiments by British Physicians are Now in Progress.—The Bacteriologic Society has been holding its annual meeting in London...

New York, April 15.—Julian Ralph cables from London: News from Chicago respecting the germicidal properties of the Roentgen, or X rays, occasioned much interest here, although English scientists are not nearly so conversant with experiments of this nature as the Americans.

Certainly no one has as yet ascertained that the mysterious rays possess the power of destroying bacteria, and opinion is divided as to the likelihood of such an event.

The Lancet recently published some interesting letters from Dr. T. Glover Lyons, senior assistant physician of the Victoria Park Hospital, Dr. T. Lyons, using the Crookes tube, with an electric current, at a voltage of 25,000, thus described: "The Lancet the result of my work: 'My experiments in this direction proved that the X-rays, in a test tube, which was almost a foregone conclusion. An impure cultivation of the diptheria bacillus, in a test tube, in an incubator, at 35 degrees centigrade, for 12 hours to Roentgen rays, produced by the apparatus described, was completely destroyed.'

"Considerable growth took place during these 12 hours, and continued on further incubation. The exposure to the Roentgen rays had failed to influence the growth of the bacilli in any appreciable degree."

The Germ of Consumption. "A pure cultivation of the tubercle bacilli exposed at the same distance to a vigorous power of growth afterward."

"During these exposures, on account of all the bacteria getting in one way and another, an intense odor of ozone was perceptible in the incubator and around it. The ozone, apparently, however, was unable to penetrate the cotton and wool plug of the tube and affect the bacilli."

"A somewhat interesting result was obtained by photographing by the Roentgen ray a culture of diptheria bacilli in a test tube. The turbid blood of the serum gave a faint shadow, but to the eye the opaque colony of germs, under a quarter of an inch thick, gave no signs of existence. The rays passed through them as light through glass."

Experiments Not Final. "Experiments like these are not, of course, final, but on the whole one is forced to the conclusion that with our present methods the radiant ethereal energy is powerless against pathogenic organisms. At the same time, it is a great knowledge and improved apparatus may place the cure of disease by radiant energy within the possibilities of the future."

Scientists are Sceptical. The British Medical Journal has also published long special communications on the subject. Dr. Willoughby Wade, in its columns, first urged the desirability of determining definitely whether the new radiant had or had not sterilizing effect upon the tubercle bacillus. He then proceeded to consider it most important, in view of the known effect of ordinary light, to ascertain what the action of any roentgen rays was upon the tubercle bacillus, already ascertained to be part and parcel of the tubercle bacillus.

Many other British scientists hold the view that the X rays are modifications only of ordinary light, but as the X rays are not of any known wave length, the question of their being bacteria thriving as well in Roentgen rays as of them.

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