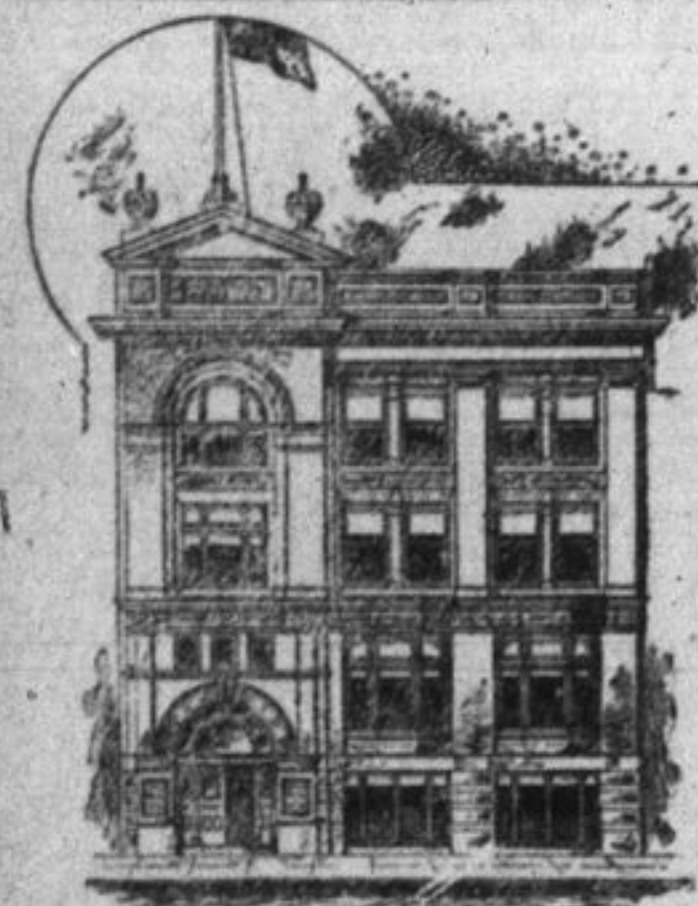


The British Whig 82ND YEAR.



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TORONTO REPRESENTATIVE: H. E. Smallpiece, 22 Church St.

PEARLS OF THE PRESIDENT: The emergency of the Ship Purchase Bill, which has been before the American Congress for months, has passed away since the beginning of the war.

OUR GRADUATES IN WAR: The conferring of the degrees on the class of medical students at Queen's University, some time in advance of the usual convocation, in order that they may leave for overseas service, was a most unusual sight.

CANADA NICKEL WEALTH: Mr. H. W. Richardson cast some light on the nickel question at the Board of Trade meeting and fight which was appreciated, in view of the prominence which the subject holds in the public mind at the present time.

Our Councils are becoming more and more of a curiosity. It presumes to repeal or suspend by-law with resolutions, and everything goes.

Public Opinion: Talking Is Easy. Toronto Star. "We are in no hurry," writes Gen. Joffre, "the Germans are."

Good Luck: Brantford Expositor. Gustave Evansford, member for Prescott, when he returns to the legislature, will occupy a position of splendid isolation.

Something in That: Hamilton Spectator. Amid all this criticism of soldiers' boots, it should not be forgotten that, to withstand the water, mud and slush of Salisbury Plain, foot-

business at a time when it is supposed to be contributory to the German cause and the German war on Britain. Mr. Richardson remembers when a couple of men discovered the nickel at Sudbury, and bought the land containing it from the crown for \$240.

The foreign stockholders will not, of course, be willing to establish a smelter in Canada, and close to the nickel deposits but they would be glad to do so, since Canada supplies the world with ninety per cent. of its nickel, and there would be no alternative but to comply with its demands.

CLOTURE AT WASHINGTON.

Congress has its cloture. The American people, through their representatives, have been ardent advocates of free speech, unlimited as to expression, and they have endured a great deal in the interest of their hobby.

The crisis came last week, and it practically resulted in a deadlock between those who favoured it and those who opposed it. The attempt was made to talk it out of existence, and in a session, unbroken, lasting for days and nights.

In addition to the gag, as a means of crowding the legislation through, the original Ship Purchase Bill was dropped, and the substance of it made an amendment to the Weeks' Naval Auxiliary Bill which had already passed the senate.

In the confirmation of this mongrel legislation the party has triumphed. Speaker Clark voiced the sentiments of all reconcilable democrats when he said that the president was behind the measure and it was the duty of all who were in sympathy with him to see that his wishes were carried out.

EDITORIAL NOTES: What is the city going to do about the Compensation Act? It must protect its employees in some way, and the sooner its Finance Committee gets down to business the better.

Mr. Rowell is right. Sir James Whitney will be missed in the legislature, and by no members so much as the members of the government. His personality will be absent in every political crisis.

Kingston can never be made a beautiful city or a healthy city until there is a law, as in England, that saves the city from itself.

Quebec has an Act which makes it almost impossible to dodge the succession tax. The estate given away within three years of a man's death can be touched for the percentage that goes to the public revenue.

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wear would need to be constructed of sheet iron.

Keep For Future Reference.

Montreal Gazette. There is no fault to be found with the liberal party in parliament or out of it. Its attitude has been in general keeping with that of the opposition in Great Britain.

The Same Taft.

Ottawa Citizen. "Taft, Taft, let's see. Is this the same scheming villain who plotted against the flag in 1911 and whose name was so execrated in Toronto?"

And We Understand.

Saskatoon Phoenix. General Joffre is reported as saying that he hasn't read a newspaper since the war began. That accounts for the delay in driving back the enemy; he has missed all the valuable hints and advice handed out by those who have taken a correspondence course in strategy.

KINGSTON EVENTS 25 YEARS AGO

Ald. McCannion, chairman of the Fire, Water and Light committee, received the report of Mr. Pell, with reference to the condition of the city respecting fire protection. The document is an interesting one, and the chairman says the report is satisfactory.

DENMARK HAS AN EEL FARM.

A Novel Development Conducted on Zealand Island. A novel Danish development is the eel farm at Neusen on Zealand Island.

A piece of lowland along the Ise Fjord has been converted into a pond of 432 acres, averaging two feet in depth, and equipment has been provided for pumping into the naturally somewhat brackish water a supply of fresh water from an adjoining canal or salt water from the fjord.

Living mostly in fresh water, the eel has the curious habit of seeking the deep sea to spawn on attaining maturity. The eel larvae, drifting helplessly far from land, develop into eiders, and these seek the fresh water, there to remain until they in turn reach maturity.

For stocking the farm, the eiders are trapped, as they arrive in the early spring. Through a sluice sufficient pure water is discharged to freshen the fjord in the vicinity, and the eiders thus attracted crawl up the sluice on bands of twisted straw, provided to aid their passage in the swift stream.

From the trap at the head of the sluice they are turned into the pond, being first counted. In this way 50,000 young eels were captured in 1905, and since then large numbers have been taken, up to 300,000 in 1913.

To get ripe, fully-grown eels for the market, the trap is reversed. Salt water from the fjord is pumped into special boxes, and this attracts the mature individuals whose instincts call to salt water.

The Political Truce.

Weekly Sun, Toronto. It is high time that Sir Wilfrid Laurier defined the political truce to which the liberals submit. We noted the other day, in a report of parliament, an expression of the prime minister which sounded like intimidation.

We note also in the press of both parties references to a political truce, which imply a duty of the opposition to accept, without discussion or resistance, all that is proposed. Political truce ought not to go as far as that. It is clear that the conduct of the war ought not to be embarrassed. It would be impolitic for the opposition to challenge the provision which the government makes, or to dispute the vote of war supplies, or to disclose to the enemy the disposition of our forces.

Not For War Purposes.

Weekly Sun. It is obvious that this sum in excess of eighty millions, which Mr. White proposed to provide by laying new taxes and by borrowing, is not in any sense a war debt. It is, as Mr. White's argument clearly disclosed, an estimated failure of the ordinary sources of revenue to yield an estimated and controllable expenditure on current and capital account.

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THE SURGEON'S EYE

ARTICLE ON X-RAY SNAPSHOTS AND OPERATIONS.

An Ultra Violet Rays Water Sterilizer Used in the Queen Elizabeth Hospital at Calais.

London Mail. The immense importance of the X-rays in the treatment of the wounded has been made very plain during the course of the war. Every hospital, without exception, has its X-ray installation, and, as the correspondence in the Times has testified recently, all sorts of devices are in use to increase the accuracy and speed of diagnosis by this method.

The X-rays have become actually the eyes of the war surgeon. It might have been supposed that further improvement in their application was impossible. That this is not so, however, there are many indications of which that furnished by the radiographic room of the Queen Elizabeth hospital at Calais is one of the most convincing.

This hospital is, indeed, very well worth a visit for many reasons. Though it is small institution it is a perfect one. The utmost care and capacity have been expended in its equipment. Whenever modern science could be called to the help of surgeons or patients that assistance has been secured, and no detail has been regarded as beneath notice.

The radiographic room is doubly interesting in that it is one of the most completely equipped for its size in France, and also because much of the apparatus was the gift of the Duc de Vendome, brother-in-law of King Albert, who is himself a well-known scientist and bacteriologist and who is personally attached to the institution. That apparatus consists of an electric installation of enormous power, so planned as to permit of the taking of instantaneous X-ray photographs—"X-ray snapshots"—by the mere manipulation of a lever and in the space of a fraction of a second.

The importance of this method is obvious. It is especially useful when, for any reason, such as great pain, the patient is unable to remain still in one position, or when he cannot lie down. In this latter case the plate can be held in front of him and the photograph instantly taken. The patient is detained in the ray room during only a second or two, but a beautiful clear print is secured. Moreover, the danger to the operator is sensibly minimized, as there is no prolonged exposure to the powerful radiations. Indeed, so instantaneous is the operation that it is impossible to detect any lighting up of the X-ray tube.

Scientific Helps to Surgeons.

A stereoscope is fitted in the room and affords a most interesting demonstration of the application of scientific principles to medical practice. The apparatus consists of two frames hinged together and set at an angle like a screen. A third "leaf" of the screen is interposed between them, and this carries a mirror on one end. The X-ray photographs especially taken for the purpose are placed in the two frames. By looking at the same time at the first of these photographs and at the reflection of the second in the mirror a very perfect stereoscopic picture is seen. In this way foreign bodies like bullets and pieces of shrapnel, stand out in perspective, making it possible to determine their relation to one another in a manner which is very instructive from the point of view of the operating surgeon. The surgeon, indeed, not only sees through the patient's body, but sees into it. He is able at a glance to gauge the depth of a bullet as well as its position. This method, though it has its limitations, is undeniably an important help to the overworked war surgeon and radiographer.

A second very interesting departure in the equipment of the Queen Elizabeth hospital is the ultra violet rays water sterilizer. This sterilizer depends for its usefulness upon the fact that the ultra violet rays of the light spectrum possess a burning power which rapidly destroys living tissues. The blistering effect of strong sunlight upon a tender skin—"sunburn"—is an example of this power. Bacteria and germs of all kinds are killed very quickly when exposed to these rays. Unfortunately the rays have a feeble capacity of penetration and so are apt to fail when muddy or turbid fluids have to be dealt with. This difficulty has been overcome by filtering the water in the first instance in an ordinary filter, and then passing it under the ultra violet light.

At a moment when every effect is being strained to prevent epidemics of water-borne diseases like typhoid fever the importance of having an absolutely sterile and pure supply of drinking water 'on tap' needs no emphasizing. The ultra violet rays sterilizer secures this supply. It has the advantage that it requires no attention, does not boil the water, and does not alter its taste. Moreover, by means of an exceedingly clever device the water is cut off at once should the electric current which generates the rays fail.

M. Emile Lajeot, who is in charge of the electrical apparatus of the hospital, deserves the greatest credit for his excellent arrangements.

A Humbling Sight. An old Scotchwoman who had resisted all entreaties of her friends to have her photograph taken, was at last induced to employ the services of a local artist, in order to send her likeness to a son in America.

Bibbys Saturday Specials SHIRT SALE \$1.00 and \$1.25 Shirts for 69c. Every Shirt guaranteed first quality. Sizes 14 to 16. Men's Trousers Sale \$3.50 and \$4.00 values, for \$2.75. Sizes 32 to 42. 50c King Suspenders for 25c. See Bibby's Great \$4 Shoes. Bench Made and God-year Weltd. Solid Leather Soles. Sizes 5 1/2 to 10 1/2. A genuine \$5 value, for \$4.00. BIBBYS : 78-80-82 Princess st.

Wanted 1. Loan of about \$4,000 on Farm Property, worth \$15,000, and assessed for 13,500 2. A purchaser for Farm of 200 acres, about four miles from Kingston. T. J. LOCKHART, Real Estate and Insurance. Bank of Montreal Bldg. Kingston, Ont. Phone 1035 or 1020.

The Last Call For Sutherland's Big Red Letter Shoe Sale. We have decided to continue our sale another week. If you have not secured your supply of fine footwear at less than wholesale prices, NOW IS YOUR CHANCE. 20% Discount On all shoes (except Military Boots.) LOTS OF ODD SIZES AT HALF PRICE AND LESS. J. H. SUTHERLAND & BRO. The Home of Good Shoes.

Having purchased the right to manufacture and sell the O'KEEFE PATENTED CEMENT GRAVE VAULT. Kingston Cement Products, 177 Wellington St.

Hair Color Restorer Restores gray or faded hair instantly with ONE application. No after washing. Ten shades. One Dollar Per Box. For sale by Geo. Mahood, drug store, Princess and Bagot Sts.

BIG INDIAN CHIEF. Has sent us one of the new 1915 models for the inspection of the Indian Warriors, and expected Braves of Kingston and vicinity. TREADGOLD SPORTING GOODS CO. BICYCLES & SPORTING GOODS. PHONE 529 88-90 PRINCESS ST.

BETTER GET YOUR MIND ON THE COAL QUESTION NOW. USE CRAWFORDS COAL. CRAWFORDS COAL. The condition of Miss Jennie Harvey, teacher in Deseronto public school, who recently underwent a critical operation in the Kingston hospital, is much improved.