

TESLA HAS TRIUMPHED.

His Light is Perfect—The Human Hand Photographed Accurately—Lamp Perfectly Discovered

New York, May 21.—Nikola Tesla has solved the problem which he set before himself many years ago, and which will revolutionize the system of electric lighting. It is, electrical experts say, the nearest perfect adaptation of the great force of nature to the use of man.

In Mr. Tesla's laboratory, in Houston-street, is a bulb not more than three inches in diameter, which, when the current turns into it becomes a ball of light. The heat is almost imperceptible. With it a very large room is so lighted that it is possible to read in any corner. Yet this is done without the attachment of any wires to the existing lights.

The bulbs are so strong that the sharpest photographs may be taken by them. No new dynamo is required to produce the current. The bulb is attached to a wire connected with the street current. There is no danger of harmful shocks in its use.

Mr. Tesla has been working for many years on his theory of the necessity and the practicality of the conservation of electrical energy. The present incandescent light gives only three per cent. of the energy it consumes. The other ninety-seven per cent. is wasted in heat.

The bulb which he has perfected gives ten per cent. of light and loses ninety per cent. of energy. Mr. Tesla declares that he will, with a few more experiments, be able to produce forty per cent. of light, and that the waste will be reduced to only sixty per cent., or thirty-seven per cent. less than at present.

The principle of light is vibration. The illumination is secured by means of what Mr. Tesla terms a vibrating needle within a vacuum. The needle vibrates so rapidly that the figures are second sound in character, but it is this intensity of energy which gives the light its brilliancy and its apparent steadiness. The lights do not have to be renewed.

Friends who recently visited Mr. Tesla saw him photographed by means of his light. The exposure was but two seconds in the light of a single vacuum tube or bulb, without electrodes, having a volume of about ninety cubic inches. The light given was approximately 250 candle power. The photograph was as sharp in outline as though it were taken in the ordinary way.

Mr. Tesla has recently obtained many photographs in his study of the Roentgen ray. He has photographed the heart of one of his assistants so accurately as to note its expansions and its contractions, and he has also been able to locate defects in the lungs of several persons, the presence of tubercles being very evident.

The announcement of Mr. Tesla's discovery created a genuine sensation at the Electrical Show last night, and was the topic of conversation among the experts in the application of power.

How the York Test Case Question Stands: County Solicitor C. J. Robinson told a World reporter yesterday, in reply to the query if a day had yet been fixed by the Government for hearing representations of the various municipalities interested in the tollgate question, that no such step had been taken.

"The county has done what it can, and the matter is entirely out of its hands," remarked the solicitor. "It now remains for the Government to ratify the bylaw or combine the representatives. Yes, the majority of the municipalities lying along the road are opposed to the bylaw," said Mr. Robinson, but the county at large is in favor of it.

Mrs. Castello Gets Bail. Mrs. Castello, the woman who ran a baby farm, and against whom the coroner's jury brought in a verdict of manslaughter, was given her liberty on \$2000 bail. W. H. Coyner, advertising agent, for \$500, George E. Patterson \$500, and herself for \$1000.

A Touch of Sunstroke. An unknown man of well-to-do appearance and aged somewhere in the thirties, who said he had come to the city from Newmarket, fell to the pavement yesterday afternoon on Church-street, overcome by the heat of the day.

The Royal Grenadiers. The final parade in Toronto of the spring season took place on Thursday night, when the regiment, numbered above 500 strong, under the command of Lieutenant-Colonel James Mason, Majors Hay and Bruce, Captain and Acting Adjutant Mackay, Lieutenants and Acting Q.M. Montgomery, being the other staff officers present. The battalion was formed into eight companies under the command of Captains Caston, Trotter, Cameron, Tassie, Stinson, Boyd, Lehmann and Lieutenants Siano, and marched to old U.C.C. grounds and there practised in trooping the colors. A large detachment remained in the Armouries, and were exercised in physical drill and bayonet exercise. The battalion returned to the Armouries at 10.45 and were then dismissed. They will parade at 8 p.m. on Saturday and proceed from the Union Station at 9 p.m. by special train to Berlin.

Anglican S.S. Association. The anniversary services in connection with the Anglican Sunday schools was held Thursday night in St. Alban's Cathedral, when there was a very large congregation. The Bishop of Toronto, Right Rev. A. Sweetman, was present, also a great number of the clergy. The prayers were intoned by the assistant minister of Holy Trinity Church, and the sermon preached by the Rev. Canon Ewenby, rector of St. Phillip, St. Alban's choir, under Mr. D. Kemp, rendered the most effective assistance.

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Will Soon be a Cheater. Halifax, May 22.—The Tupper libel cases against John Dunn and Robert McConnell have been continued until May 23.

EAST OF THE CITY LIMITS.

School Boundary Dispute Amicably Settled—Accident at the Biantyre School.

The long-continued boundary dispute between East Toronto School Section No. 6 and York School Section No. 2, during which resort was made on both sides to law and injunctions has finally been amicably settled by arbitrators chosen, as the result of a friendly conference between the officials of the two sections. The award of the arbitrators reads:

We award that part of Union School Section No. 6, York, lying to the north-east of the village of East Toronto, and bounded on the east by the town line between York and Scarborough Townships, on the south by the G.T.R., north by Danforth-avenue, west by the boundary of East Toronto, which is continuous with the eastern boundary of the G.T.R. property, lying east of Main-street, and being composed of parts of lots Nos. 1, 2 and 3, concession 1 from bay, in section township 17, north, together with \$150 due from the East Toronto School Board collected on the debentures covering the detached property from the union of York Township, and used in the school building fund, The Municipal Council of East Toronto shall pay the same to treasurer of school board of No. 25 on or before Dec. 31, 1896.

The Township of York will pay the fees of the arbitrators, which amount to \$2.

John Sullivan, a boy of about 12 years of age, who is undergoing the discipline of the Biantyre Industrial School, Scarborough, fell down two flights between the spiral stairway of the main school building and broke his right arm a little below the elbow. The fall was fortunately broken by the boy grasping a banister rail in his passage downward, but he was unconscious for some time after being picked up from the ground.

Canadian Temperance League and the Pavilion. Editor World: As one of those who take considerable interest in all that tends to elevate society, promote public morality, restore and reform the vicious and erring, I am surprised and astonished that the Canadian Temperance League, which has been so aggressive for six years past in Gospel temperance reform work, has been denied its application for the rental of the Pavilion (Horticultural Gardens) for its next season's popular Sunday afternoon meetings.

On enquiry, I learn that the league's application was sent in some time before the Parks and Gardens Committee met and decided to advertise for tenders. That a so-called sacred court for Sunday afternoon should be called in competition against the Canadian Temperance League is a most unreasonable as well as an unjust act upon the part of those who brought such a suggestion before that committee.

Those meetings under the management of the league have been of the most beneficial character, patronized by most of the eminent ministers and Christian workers of the city, engaging public speakers from the best pulpits and platforms of the largest cities of the United States and Canada, by whose voices and influence Toronto is eloquently advertised and exhorted to aggressive reform work, such as the league endeavors to promote.

I am of the opinion, with thousands of others who have attended those Sunday afternoon meetings, that the Parks and Gardens Committee is making the gravest mistake in attempting to bar out the league. It is not merely against the league, as an organization, but against the interests of society, moral and religious.

Hoping the attitude of the committee will free itself from suspicion of prejudice. FAIRPLAY. Toronto, May 22, 1896.

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The... Keyhole Knows

that in the twenty keys on the key-ring, there's just one will fit it. All the rest of the bunch are keys, too, some of them very much finer and some much bigger than the right key—the key that fits. That's the way with sarsaparilla—there's a string of them. Have you tried them, and found they did not fit your case? Never despair, until you have tried Ayer's. There's others that promise more, but Ayer's is the Sovereign Sarsaparilla. It cures where others fail. So many people write us: "I got no benefit till I tried yours." "When all others failed, I was cured by taking

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VETERANS' 1896 ASSOCIATION.

Arrangements Completed for the Annual Decoration Proceedings. There was a large and enthusiastic gathering of veterans last evening to complete arrangements for their annual decoration of the volunteers' monument on the 2nd of June next, the 30th anniversary of the Fenian Raid, when 19 of their comrades lost their lives in defence of their country, and when 19 others received wounds, some of them being maimed for life.

The veterans will have an excursion to Queenston Heights on the 29th of July, and expect to have a grand reunion of '68, men from all parts of the province. An industrial committee will wait upon the Minister of Militia in a few days to lay their claims before him for a decoration or other recognition by the Government for those who served their country at that time.

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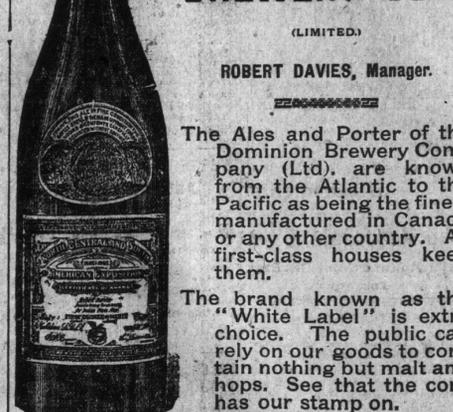
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ROBERT DAVIES, Manager. The Ales and Porter of the Dominion Brewery Company (Ltd.) are known from the Atlantic to the Pacific as being the finest manufactured in Canada or any other country. All first-class houses keep them. The brand known as the "White Label" is extra choice. The public can rely on our goods to contain nothing but malt and hops. See that the cork has our stamp on.

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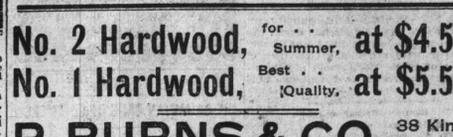
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Conger Coal Co., LIMITED. FOR CASH COAL AND WOOD Delivery. Grate, Nut, Egg, No. 2 Nut or Pea Coal, Best Hardwood, long, Best Hardwood, long, Slabs, long, good and dry

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