

We cannot particularize nearly all the goods we sell; our customers may ask

further and heavier burdens in the way of indemnity from \$300 to \$500. We trust "This matter is by no means to be call-\$2,500,000 and the interest charge alone retrenchment in all the departments. has grown from \$4 500 to \$120,000 per annum, more than one-sixth part of the whole revenue. The government has withdrawn from our credit at Ottawa Fire Insurance Companies Life Insurance Companies Accident & Guarantee Cov's. 8.525.0 . Banks Express Companies 1100.00 Telegraph 390 00 1 Telephone Street Railways 137.50 Trust & Loan Companies making a total of

Notwithstanding this, it is pointed out | able. that, according to the Auditor General's Report they have run behind on the yea.'s operations \$67,995 15, to which must be added our expenditure by the Board of Works Department \$34,414.71-in all \$102,409, not to speak of other amounts which it is alleged should be included in the deficit

While these statements are made by the opponents of the government, however, Mr. Blair and his friends have as persistently alleged that the financial position of the province is good, and there is no reason for alarm at the outlook. They have public accounts up to the present time. jeered at the prophecy made by the Opposition that additional direct taxation burdens would soon be imposed upon the people, if the equilibrium between ex- Seldom has any instrument of locomo-

direct taxation, in addition to those al- however, that no such stigma will be ed an invention, though it opens up a vast ready imposed by the present government. placed upon our provincial parliament, vista to science. It is a new development They have pointed out that since 1883 but that thegovernment has been forcedby in the fields of physics, and while it is as when this government came into power, the independent members of the House to yet in its infancy there is no doubt that the net debt has increased from four or abandon their proposed burdensome legis- in its present state of development it is five hundred thousand dollars to over lation and adopt a policy of economy and capable of a great amount of practica

THE LICENSE LAW.

By the new license law which passed \$182,000, floated bonds in connection with through the Provincial Legislotion last agriculture to the amount of \$30,000 and week, the municipalities will be almost bridge bonds to the amount of \$425,000 wholly deprived of the amounts bitherto and in 10 years has gone behind \$800,000 derived from license fees. The fees will or an annual deficit of \$80,000. In ad- be raised much higher than at present and dition to this it is pointed out that, taking consequently will be much more costly interest on our Ottawa deposit, our in- to collect. The government will appoint creased subsidy from the Dominion gov. commissioners whom they will have pay erument, our increased revenue from from the funds thus collected. This wil Crown Lands, and the Corporation, In- be expensive and together with the cost of surance and Succession duties and taxes, prosecuting for violations of the law this government has over \$104,000 more will probably absorb the whole amount annual revenue than their predecessors. collected for license fees. Of course During the past year, as shown by the should there be anything left the Govern-Auditor General's Report, the government ment will be good enough to divide with my own experiments have in my labor has received in the shape of direct taxes the municipality in which it is collected. tory at Orange have demonstrated this imposed by them upon the people, from Under the present state of affairs the fact, although I have had no communi-\$10.047.83 municipality of Kent receives \$1120.00 6,500.00 for license fees. The Inspector is jaid 305.01 \$200.00 per annum for attending to all the business connected therewith. Thus \$920 500.00 is left for the use of the municipality. Under the new law little or nothing may be left for the County. However, this 250.00 may prove a "blessing in disguise." Those who might be inclined to violate Succession Duties (Estate Taxes) 9729 32 the law may find the County too hot to live in, and altogether the liquor business 37,484.66 may be found too expensive to be profit-

COCAGNE BRIDGE.

We have had several inquiries as to the cost of the work done by the Goverment in this Bridge.

On reference to the Auditor Generals' Reports we find that in 1894 there was paid on this account \$2,374.83 and in 1895 \$6,739.49 making a total of \$9,114, Whether this covers all the expenditure in connection with this structure we no question of obtaining a good photoare not aware but itis all as shown by the

THE BICYCLE.

penditure and income was to be main- tion forced itself into such popular favor as the bicycle. It would seem that this Many who have not examined the pub- machine has only to be seen to be aplic accounts themselves, have been willing preciated. And the improvements made to accept the assurances of the government within the last few years show the wealth ther burdens would be imposed upon the It is only a few days since we heard of a municipalities or any increase made to the cycle being propelled by no less than nine men ; and this machine, it was claimed Events in the Legislature during the would rival the speed of the fastest railpast week have however gone very far to way train. And now we hear of another dispel this delusion. Early in the session to be propelled by horse power. In this the government secured the passage of an latter machine there would be a tread Act authorizing them to add to he bonded power on something of the same principle indebtedness of the province by borrowing as that used in ordinary threshing ma-\$20,000 for the importation of cattle, chines. To the bicycle, perhaps more which, by the way, it is proposed shall be than to any other invention, if we exsold and the proceeds placed to the credit cept electrical appliances, might be apof the general revenue while the province plied Tennyson's beautiful couplet : pays interest on the debt. It is now re- "Men, my brothers, men the workers,

good.

In surgery, for example, I am convinced from my own experiment that bullets dislocated bones, calcareous deposits, & . nay be accurately located by the use o photography and the cathode ray,

"What is the cathode ray? That is dif icult to explain; but you mnst understand that the electrical poles are called cathode or positive anode are negative.

"Now, the cathode pole sends out rays of energy which travel in a stright line unlike light, which ravels in a undulatory or wavelike path. And these cathode ray are capable of producing an impression on on bromide plates.

"If any one were to ask me why this so I can only answer I do not know, bu cation with any one on the other side.

"Now, let me try to explain how these photographs are obtained. If you place a highly sensitized plate in a camera obscura and suspend in front of it an object that is impervious to the rays of ordinary light you can get on the plate a shadow due to the rays of the sun.

"Now, suppose that instead of the sun's avs and the glass front to the box you have the cathode ray and a wooden front to the box. The cathode ray penetrates the wood just as the sun dose the glass and with similar results.

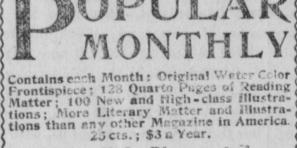
"In all the experiments made on the other side I have notice that they used what is known as Crook's tube, which is of glass.

"One reason for my lack of perfect success thus farhas been that I have been us ing a battery. But I am fixing up a dynamo. When I have a sufficiently powerful engine I am sure that there will be graph of a man's hand, showing only the bones, or a similar result with any thing else in which the exterior is previous to the cathode ray and the matter inside impervious. I expect to have my dynamo in operation by Tuesday at the latest.

"Scientifically stated, the results of this discovery show that there is a form of energy which has been supposed to exist and is now demonstrated.







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A Toronto despatch says : About one hundred years ago Jasper Cronckheit, gin manufacturer, in Holland, died, leaving a fortune stated to be about \$12,000,000. He had two brothers, who had emigrated to America, and, when he made his fortune, he wrote them, asking them to come back and share his money with him, but they never returned. Then Jasper left a most peculiar will. It was not to be opened for 100 years, and his money was to go to the fourth and fifth generations. The hundred years expires on April 6th, and a local law firm are look. ng up the Canadian heirs of the estate. Mrs. W. G. Whiting, of Toronto, is a Cronckheit, and there are several other h eirs in the Bay of Quinte district, all of whom will be interested in the estate. he money, with interest now amount e story goes, to over forty million dol-

lars.



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tained.

and have refused to believe that any fur- of invention bestowed upon the "wheel." taxes now borne by the ratepayers.

ported that the government has submitted it a caucus of their supporters a proposal That which they have done but earnest that they shall be authorized to add still further to the debt by borrowing \$400,000, ostensibly for public works, pass an Act authorizing them to take under their control the issuing of liquor licenses now controlled by the municipalities, and anothe Pitcher's Castoria.

ever reaping something new

of the things that they shall do."

Children Cry for

"The technical description of the cause that preduces this effect is that it is a disturbance of the ether.

"Do not ask me what ether is, for I do not know; but just as sound travels through grosser material air, so do light electrictiy and magnetism travel through ether.

"All of these agents are undulatory in there movement from point to point while the movement of the cathode ray is vibratory only. For example, take a piece of rope and fasten one end to a wall, then go off a certain distance and shake it. It will move in waves that is the undul atory vibration. Now pull the same rope tant and it vibrates but dose not undulate. "I may be of interest to know with reference to Prof. Roentgens discovery that some time ago in experimenting with the rays from an arc light I found certain rays that would pass through quartz and not through glass.

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