### DENTAL

DR. LUKE SMITH, DENTIST—Crown an Bridge Work specially solicited. Cor. Thame Street and Victoria Avenue, MUSICAL

Teacher in Piano, Harmony and Theory of Music, has opened her studio at Mrs. Grandy' Second Street. 'Phone 462.

### VETERINARY SURGEON.

DR. JOHN N. PRINGLE, M.R.C., V.S t. H. F. E. V. M. A. Veterinary Surgeon

### LODGES

PARTHENON LODGE, No. 267, A. F. & A. M., G. R. C.; first Wednes Masonic Temple, King St. J. SMITH, W. M.

J. W. FLEWES, Sec'y,



WBLLINGTON Lodge. No. 46, A. F. & A. M., G. R. C., meets on the first Monday of every mouth, in the Masonic Hall, Scane Block, King St. pt. 220 p.m. Visit St., at 7.30 p.m. Visit

ALEX. GREGORY, Sec'y. W. A. HADLEY, W. M.

MONEY TO LOAN

MONEY TO LOAN—Company and Private Funds. Farm and City Property for Sale. W. F. Smith, Barrister.

# Money to Lend

ON LAND MORTGAGE AT 41/2 TO 51/2 PER CENT ON CHATTEL MORTGAGE AND NOTE AT 12 PER CENT. PAY OFF WHEN DESIRED.

J. W. WHITE, - Barrister.

# **MONEY to LOAN**

Lowest Rate of Interest Liberal Terms and privileges to suit borrowers. Apply to Lewis & Richards

S. B. ARNOLD—Barrister etc., Chatham, Ont Money to loan at lowest rates on easy terms HOUSTON & STONE-Barristers, Solicitor

SMITH, HERBERT D.—County Crown Attorney Barrister, Solicitor, etc. Harrison Hall,

THOMAS SCULLARD—Barrister and Solicitor Victoria Block Chatham, Ont.

WILSON, PIKE & GUNDY-Barristers tors of the supreme Court, Notaries Public, etc. Money to loan on Mortgages at lowest rates, Offices, Fifth Street, Matthew Wilson, K.C., J. M. Pike, W. E. Gundy.

## Standard Bank of Canada

HEAD OFFICE, TORONTO. BRANCHES AND AGENTS AT ALL PRINCIPAL POINTS IN CANADA, U. GREAT BRITAIN.

Drafts Issued and Notes Discounted. Bank Department Deposits (which may drawn without delay) received and allowed thereon at the highest current re

### \*\*\*\*\* BANK OF MONTREAL Established 1817.

Capital (all paid 4 up), \$14,400,000.00 Rest..... 10,000,000.00

Undivided Profits..... 801,855.41 Choice properties for sale, which

will net the purchaser 8 per cent. GEORGE MASSEY, Manager \*\*\*\*\*\*

# Chatham Real Estate and Insurance Bureau

Buys, Sells, Negotiates Sales and Manages Realty of every description

## Money to Loan at Reasonable Rates

Offers the Best System of Guaranteed Invest-ment. Represents the safest Fire, Life, Sicknes and Accident Insurance Companies. Busines Solicited. Agents Wanted to solicit and collect

R. A. MURPHY, General Agt. Murray Bldg., Chatham. Ont. 'Phone 249

## ------R. RIDDELL & SON,

Opposite C.P.R. Station.

Leave your order for your

AWNINGS.

Lawn Mowers Ground. Telephone or drop a card and they will be sent for

## ...... EASY MONEY AT HOME

raising canaries. More profitable than chickens. All indoors You'll get \$2.50 to \$5.00 each for young singers. Experience annecessary. To get you interested quickly we sent COTTAM BIRD BOOK (thousands sold \$2.20.) and two cake BIRD BREAD 10 CENTS, CANARY VS. CHICKENS, showing how to COTTAM BIRD SEED, 19 st., London, On

Keep Minard's Liniment in the House Tell Lalker and was an une of





Sunlight Soap is better than other soaps, but is best when used in the Sunlight way.

injurious

5c. Buy it and follow directions. 5c. Lever Brothers Limited, Toronto

CHARING CROSS.

The revival meetings are being continued during this week in the Methodist church.

The committee has purchased a beautiful Karn organ, which they expected the continued of the eautiful Karn organ, which they exect to place in the church this Bothwell.

pect to place in the church this week.

Mrs. Fred. Broadbent returned home Monday morning after spending a few days in Chatham with her daughter, Mrs. Frank Brundage,
Mr. J. G. Mitchell, the M. C. R. contractor, spent Sunday in Description. contractor, spent Sunday in De-Miss Kate Wilson intends spend-

ing Easter with friends in Jeanets-ville.

Park Pickard leaves on Monday for

the Northwest.
G. R. Langford was a Chatham visitor Saturday.

Mrs. Charles Pickard is visiting in



Bert Blakeley visited in this vicinity last week.

Joe Anderson has returned home from the Northwest.

Miss Sadie Arnold was called home to her father's bedside ,who lies very

Mr. M. Traxler has moved to his new home near Sarnia. James Wilson is remodelling his

Mrs. David Cutler is on the sick Robbie Kelley moved to Zone last

week.

James Poag is on the sick list.

The Methodists will, hold meetings next week. One man's point of view is as good as another's until you sit on it.

The lirst effect of knowledge is the



### India Pale Ale

Prejudiced and unscrupulous vendors may suggest others, but compare it any way you will-purity, freedom from acidity, palatableness-Labatt's Ale is surpassed by none, equalled by few-at about half the price of best imported brands

lou are Cured First, Then You Pay.
If You are not Cured You Need Not Pay.

will be accepted for treatment on the following proposition: 1. If you doctor here, you will receive the services of an EXPERI-ENCED SPECIALIST.

Your case will receive most careful attention each time you 3. YOU MAY PAY AFTER YOU ARE CURED.



Nervous Debility

# BLOOD POISON

ated in Detroit since PAY WHEN CURED I cure Nervous Debility, Varicocele, Stricture, Early Decay and Waste of Power, all Nervous, Chronic, Blood and Skin Diseases.

X-RAY EXAMINATION, ADVICE AND CONSULTATION FREE

DR. GOLDBERG, Suite 172, DETROIT.

# 50,000 H.P. IS WANTED

Says Hydro-Electric Report Covering Western Ontario.

Requirements Will Be Increased to 100,-000 Horse-Power Within Five Years -Prices For Power Based on \$12 Cost at the Falls For Various Places In District Groups Adopted-Sources of Hydro-Electric Power.

Toronto, April 12.—The first instal ment of the report of the hydro-electric power commission of Ontario, dealing with the southwestern section of the province from Toronto to Sarnia, deprovince from Toronto to State of the Secribed as the Niagara district, has been made public. Yesterday the Provincial Secretary laid a copy on the table of the Legislature.

At the moment that it was tabled the

At the moment that it was tabled the chairman of the commission, Hon-Adam Beck, rose to say that it did not deal with points east of Toronto that may be supplied with power from Niagara Falls. A second report, dealing with these localities, would, Mr. Beck said, be submitted during the next week.

Makes No Recommendations. Makes No Recommendations.

No recommendations are made; the commissioners were not asked to devise a scheme by which consumers may be supplied at the lowest possible cost. The presentation of the report lays the charge at the door of the Government, and it will be for Mr. Whitney and the assembled wisdom of his Cabinet to proceed with the data that is now be fore them.
50,000 Horse-Power.

50,000 Horse-Power.

The report is a mass of figures and data dealing with the Niagara district. It shows that the demand for electric power will be regulated by the prices as compared with steam, and that plants which use exhaust steam for purposes of heating could not be expected to use electricity for manufacture only. It shows that at least 50, 1000 horse-power could be obtained only. It shows that at the only in the only in shore power could be obtained within a reasonable radius of Niagara Falls as soon as transmission lines can be laid, and this will be increased to 100,000 in five years. The reports says that the trend of private corporations has not been to compete for business and reduce prices, but to amalgamate or otherwise destroy competition, and then fix the price to suit the circumstance. stances. This has led to many smaller

stances. This has led to many smaller concerns being forced to instal steam plants to make their own power, and "specific illustrations of this are found in Hamilton, Toronto and Montreal."

Savings For Toronto.

In order to show the savings that will accrue to the municipality, and to individual consumers from the distribution of Niagara Falls power at the lowest cost price, Toronto is taken as typical of the other cities affected, and as shown in an appendix to the report.

shown in an appendix to the report.

It is understood that the price which the Toronto-Niagara Power Co. is to receive from the Toronto Railway Co. is about \$35 per horse-power per year for sapout \$35 per norse-power per year for stepped-down power at the receiving station, compared with a cost, under some municipal arrangement, say, of \$18.10 per h.p., \$217,200 is the saving in the cost of power to the Toronto Railway Co. The city could save \$53. 900 annually on the pumping service, and the Toronto Electric Light Co. could save about \$145,000 per year. This latter sum the taxpayers must pay in profits to the companies delivering the pronts to the collipants desired to be made by the distribution of electrical energy from Niagara Falls, on a cost basis, aggregates \$515,000.

Prices For Power.

Based on the assumption of power at \$12 at the Falsi, the total cost of power delivered at Hamilton for a full load of 16,000 horse-power at the sub-stations would be \$15.36. At Toronto, with a full load 50,250, it would be \$16.53, or \$16.91 for three-quarter load, and for half load \$17.15. This is for twenty-four horse-power per annut Comparative prices for full load of twenty-four hours would be: St. Mary's, \$25.86; Stratford, \$20.48; Tavistock Berlin and Waterloo, \$17.36; Guelph, \$18.39; Galt, \$17.35; Brantford, \$16.87; St. George, \$17.14; Brampton, \$26; St. Thomas, \$21.89; London, \$19.51; Tillsonburg, \$24.30; Ingersoll, \$18.81; Woodstock, \$18.26; Paris, \$18.12; Chatham, \$24.62; Sarnia, \$29.28; Petrolea, \$25.52; Strathroy, \$27.82; Windsor, \$27.18

Groups of Power Centres. The report of the chief engineer, Mr. Smith, follows the outline given by the commissioners themselves. He has selected certain groups of power centres as being independent of other groups, the transmission being distinct through the property of the commission being distinct through the entire route from Niagara except as regards right of way and telephone lines, provision, however, being made by interswitching stations at Hamilton by interswitching stations at Hamilton and St. George for interchanging loads for night repairs between these points and Niagara Falls. The groups decided upon are as follows: Division 1—Hamilton and Dundas. Division 2—Toronto, Milton, Bramp-

ton, Georgetown and Orangeville.
Division 3—Brantford St. George,
Galt, Preston, Hespeler, Guelph, Waterloo, Baden, New Hamburg, Tavistock, Startford and St. Mary's. Division 4—Paris, Woodstock, Inger-coll, Tillsonburg, London and St.

Thomas.

Division 5 — Windsor, Walkerville,
Wallaceburg, Dresden, Chatham,
Thamesville, Bothwell, Glencoe, Strath-Thamesville, Bothweil, Giencoe, Stratil-roy, Alvinston, Oil Springs, Petrolea and Sarnia.

Respecting the last division it is doubtful, the engineer says, whether electrical distribution would be fully

justified commercially at present owing to the small amount of power required and the great distance of transmission, Sources of Hydro-Electrical Power. In Southwestern Ontario there are a

In Southwestern Ontario there are a large number of small rivers possessing small water powers, most of which are already developed, but these are mostly suitable only for local purposes. These developments are found at Port Dover. Dunnville, York, Caledonia, Brantford, Paris, Galt, Elora, Ayr, New Hamburg, Preston, Hespeler, Guelph, Georgetown, Norval, Erindara, London and Springbank.

The only source of hydro-electric power considered in the report is the water of Lake Eric, utilized on the Niagara escarpment, which is feasible

# Educational **Contest Lists**

# Destroyed By Fire CONTEST EXTENDED TO

July 31st, 1906

Messrs. Armour Limited, Toronto-regret to advise all who have so kindly forwarded lists of names as per the conditions of their Educationa Contest, that their building, with its contest, that their building, with its entire contents, was destroyed by fire on the evening of March 19th, and all records of lists they have received, awell as all lists, were destroyed, and we ask that all who had sent in lists. vious to this time, mail us dup orevious to trus time, main as duple attes. No metal caps required with du plicate lists. To make up for time los by the fire, and to give all competitor i fair and equal chance, we have con sented to extend the Educations Contest until July 31st, 1906.

We offer \$200.00 in gold to the ending in the largest lists of correct words made from the twelve differen letters used in spelling the four words

## Armour's Extract of Beef

\$100.00 in gold will be given as the first \$25.00 in gold will be given as the second

\$10.00 in gold will be given as the third \$5.00 in gold will be given to each of the

\$2.00 will be given to each of the next

### CONDITIONS

Use only the following 12 letters:—A-R-M-O-U-S E-X-T-O F-B, No letter to appear in the same word twice

No proper names, foreign words or names ersons, towns or places are to be used.

persons, towns or places are to be used.
Words spelled the same, but having differen
meanings, may be used but onça.
All contestants must attach to their lists i
metal cap taken from a jar of "Armour's Extrac
of See." Failure to do this puts the list out o
competition.

competition.

The names of the winners of these prizes will be determined by judges whom we shall appoint Write only on one side of the paper. After making out your list, state the number of word it comains, with your full name and address a the top of each piece of paper and mark on the untside of the envelope "Educational Contess Department," and mail to our address as below.

# Armour's Extract of Beef is sold by all druggists and grocers. If yours cannot or will not supply you, a small jar will be mailed you, post paid, on receipt of 25 cents in cash or stamps. Armour Limited 77 FRONT ST. EAST, TORONTO

at various points extending 20 miles west of Niagara Falls. The present Niagara companies, with their net effective development are as

Cataract, 22.500 horse-power, 10-hour. Canadian Niagara, 40,000 horse-power, 24-hour. Ontario, 50,000 horse-power, 24-hour. Electrical Development, 37,500 horse-

Electrical Development, 37,500 horse-power, 24-hour.

Cost of a Plant.

Mr. Smith deals with the purchase of power from one of the existing companies or as an alternative the construction of a new generating plant. He estimates the cost of a generating plant at Niagara Falls as follows:
50,000 horse-power development, \$5,-786,560, or \$116 per horse-power.
75,000 horse-power development, \$7,-

75,000 horse-power development, \$7,-019,584, or \$94 per horse-power. 100,000 horse-power development, \$8,-631,168, or \$86 per horse-power.

These ngures are for 24-hour power.
The operating charges on such a plant would be as follows:
50,000 horse-power ....\$544,300
75,000 horse-power ....\$61,700
100,000 horse-power ....\$11,100 These figures are for 24-100,000 horse-power ...... 811,10
Allowing for transforming losses

21-2 per cent, the net amount would be as follows: 50,000 horse-power, net power, 48,750; yearly cost, \$11.16; percentage of capital cost. 9.62.

75,000 horse-power, net power, 73,-

75,000 horse-power, net power, 73,125; yearly cost, \$9.05; percentage of capital cost, 9.63.
100,000 horse-power, net power, 97,500; yearly cost, \$8.32; percentage of capital cost, 9.67.
These figures are based upon setting aside a sinking fund for replacements, and for rate of rental similar to that already in force in contracts between the park commissioners and existing companies.

Transmission of Power.

Transmission of Power.

The estimates on transmission are based upon the purchase of a right of way over the entire district 100 feet wide between Niagara and Hamilton; and wide between Niagara and Hamilton, 66 feet wide, between Hamilton and Toronto, and, 33 feet wide, alongside of highways or rallways for the remainder. Steel towers similar to those of the Toronto-Niagara Power Co. are provided for. Estimates are also given on the cost of construction of sedar poles.

Routine In Legislature.

A number of bills were read a s time, among which was Premier Whit ney's bill to abolish registration of manhood suffrage voters. Hon. Mr. Monteith's two bills covering horticultural societies and agricultural associations were read a second time. There was a lively debate on Mr. Hoyle's prospectuses bill, but it was left over to draft a clause to meet Mr. McKay's objections. A change was made in committee in the veterans land grants bill. On motion of Hon. Mr. Hanna an agreement with W. B. Converse for the manufacture of rope and cord at the Central Prison was ratified by the House. ney's bill to abolish registration

A number of bills were read a third time. The Legislature will adjourn this afternoon till Wednesday next.

THE STEEL SQUARE.

Story of the Invention of the Too Used by Carpenters.

The large steel squares used by car-penters are such common tools that perhaps few know when and where they were first made and how they came to be used or even give the matter a thought. The making of them is a great industry now, but when the last century came in there was not one in

The inventor was a poor Vermont blacksmith, Silas Howes, who lived in

South Shaftsbury. One dull, rainy day a peddler of tinware called at his shop to have the blacksmith fasten a shoe on his horse. Such peddlers traveled up and down the country, calling at every farmhouse, buying everything in the way of bar-ter. This one had a number of wornout steel saws that he had picked up in various places. Howes bargained for them, shoeing the peddier's horse and receiving the saws in payment, and each thought he had an excellent trade-

His idea was to polish and weld two saws together at right angles and thus make a rule or measure superior to anything then in use. After a few attempts he succeeded in making a square, marked it off into inches and fractions of inches and found that it answered every purpose that he intended it for.

In the course of a few weeks he made quite a number during his spare hours.
These he sent out by the peddlers, who found every carpenter eager to buy one. Soon he found orders coming in faster than he could supply the demand. One of his steel "squares" would sell for \$5 or \$6, which was five times

as much as it cost him. He applied for and obtained a patent on his invention so that no one else could deprive him of the profit it gave him. It was just after the war of 1812, and money was scarce and difficult to get, but he worked early and late, and as he earned money he bought iron and hired men to help him. In a few years he was able to erect a large factory and put in machinery for the making of squares, which by this time had found their way all over the country and had.

made their inventor famous. Such was the small beginning; of a large and important industry. came miles to see the wonderful forges, the showers of sparks flying from beneath the heavy hammers, and listen to the din of the thousand workmen, Silas Howes lived to be a million and he did a great deal of good with his money.-Congregationa

Miners to Accept Commission.

New York, April 12.—After having the counter arbitration plan of the anthracite operators under consideration nearly all day the general scale committee of the hard coal miners completed the draft of their reply and will present it to the committee of mine owners to-day. It is believed the miners have decided to accept the operators offer that the anthracite strike commission take up the dispute, but will ask that the tribunal be permitted to consider the original demands with certain important modifications.

health, surplus vigor ergy all come from the ative. Fifty cents but y tablets at all deal Salf-congratulations mover are knocked do DOESN'T TEL Well, I don't tell a good deal.

Oh, no; nor you deal that you tell ergy all come from the active. Fifty cents but y tablets at all deal or some pleted the draft of their reply and will never are knocked do never are knock Miners to Accept Commission.

## WEARY DAYS AND SLEEPLESS NIGHTS

Many men and women toss night after night upon sleepless bedie until near dawn. Their eyes do not close in the sweet and refreshing repose that comes to those whose heart and nerves are right. Worry or disease has so debilitated and irritated the nervous system that it cannot be quieted. Or, again, you have heart palpitation and seasation of sinking, a feeling you are going to die; or perhaps you water shout to choke or smother, and rest leaves you for the night. Allow these conditions to continue and you will feel your health declining.

It is the nerves and heart that are not setting properly.

They can be set right by the use of

# They can be set right by the use of MILBURN'S HEART

AND NERVE PILLS They soon induce healthful, refreshing sleep, not by deadening the nerves, but by restoring them to healthy action and removing. all symptoms of heart trouble, which is often the cause of nervousness and sleaving the state of the state of

which is often the cause of nervousness and sleeplessness.

Mrs. Emnis Chambers, Massey Station, Ont., writes: "I was troubled with diredness, weak spells and fluttering of the heart. I was so bad at times I could not lie downin bed at nights but would have to sit up. I doctored for a whole year and got no relief. I took three boxes of Milburn's Heart and Nerve Pills and was seemplately cured I have not been troubled since. I cannot resommend them too highly."

Milburn's Heart and Nerve Pills are 50 cents per box or three boxes for \$1.25 at all dealers or sent direct on receipt of price. by The T. Milburn Co., Limited, Toronto, Ont.

THEY CERTAINLY DO.

He-They say man has seven ages. She-Women are more stable. They have one age and stick to it.

YOU ARE AILING.

Not quite sick-but robbed of am-Not quite sick—but robbed of am-bition to work—find it hard to think of dying, but bad enough for life to-be pretty dull. There is a remedy— Ferrozone — that quickly lifts that half dead feeling. Gracious, but Ferrozone makes you feel good; it sharpens the dullest appetite, makes it keen as a razor.

it keen as a razor.

BLOOD? Ferrozone makes lets of it, the rich, nourishing kind that vi-talizes the whole body. You'll be wonderfully quickened, immensely strengthened, feel hearty and vigorous after using Ferrozone. Buoyant health, surplus vigor and reserve en-ergy all come from this great restor-ative. Fifty cents buys a box of fif-ty tablets at all dealers'.

Self-congratulations have a par-

Well, I don't tell all I know, by good deal. Oh, no; nor you don't knew all

was looking pretty thin, and that it lacked luster and life. But we didn't like to speak of it! Of course you know that Ayer's Hair Vigor is a regular hair-grower, makes the hair soft and smooth, gives it life and strength. This isn't the kind of hair that falls out! And, too, it keeps the scalp so clean and healthy.

MUIRKIRK.

W. J. Reycraft is having a gasolene engine installed on his farm this week for the purpose of pumping water.

leave to day, the 11th inst., for Manitoba and Saskatchewan Valley.

Miss Cudley is the guest of Misses Mand and Mary Gillies.

Wm. Gosnell and Geo. Oakes leave for the Saskatchewan Valley this week.

A. Tait, W. J. Rrycraft, Miss K.

A. Tait, W. J. Rrycraft, Miss K. A hard head seldom goes with campbell and Miss M. McCallum soft heart. 

Metal Walls & Ceilings

Our illustrated catalogue tells more about the economy, service and beauty of Art Metal Goods. Write for copy, stating what you have in mind. It is free if you mention this paper. METAL SHINGLE & SIDING CO. Limited, Preston, Ont.



Of the most attractive weave, selected especially for the coming season's wear, now await your inspection.

Also a full range of

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for Ladies' Suits, in all the popular shades.

For the next two months the store will be open every Saturday evening from seven till eight o'clockfor one hour only.

The T. H. Taylor Co., Limited

.....

ticularly sweet flavor because they never are knocked down. DOESN'T TELL ALE.

Cheapest Building Material for the outside and inside of a house is METAL. With your home constructed of

-Metal Shingles and Sidings-you have a building that won't cost a penny for repairs, is absolutely fire and lightning proof, and warmer in winter and cooler in summer than stone or brick.

\*