NATURAL GAS IN ONTARIO.

A Treasure Which Should be Guarded by Some Legislation.

How much hidden treasure the depths of Ontario's broad fields, her rocky strata and her limestone ridges, contain in the way of that most excellent fruit of the earth's bowels, natural gas, is as yet uncertain. The only locality in which these valuable vapors have been developed to any extent is the south westerly part of the county of Welland, chiefly in the township of Humberstone, where the work of producing natural gas has become a considerable industry. The use of natural gas has practically avoided in that district the necessity of oil for light, or wood and coal for fuel. The neighboring country, however, reaps only a slight portion of the benefits of this production.

LONG DISTANCE PIPES

are laid connecting the gas wells with the city of Buffalo, and several millions of cubic feet of gas are now sent to Buffalo yearly from Canada. Until recently the natural flow of the gas was sufficient to meet the requirements, but the demand for the gas in the city that guards Niagara's head has increased so greatly that artificial agencies are being used for its extraction. The Standard Oil Company *controls* nearly all the gas fields of the district, having leased them from the owners. The production is confined chiefly to two *companies—the* Provincial Natural Gas Company, which is the Standard Oil off-shoot, and the Erie Natural Gas Company. The former company has placed pumps in operation to supply the demand, and the latter company, to keep up with its rival, will be compelled to follow suit. It is in the use of the pumps that an important question arises. The pumps have the effect of exhausting the supply more speedily, and not only do they extract the gas from the ground into which they are sunk, but they also deprive all the neighboring land of its gas. Thus not only damage is done to a neighbor's rights, but the foundation is placed under a process of sure exhaustion. Experts aver that the supply of natural gas in the Humberstone district will be all exhausted by the pumping process in six years. All this gas will find its way to Buffalo, and very little will be left for

THE CANADIAN OWNERS.

While the gas inherent to another man's land is removed therefrom by the pumps, it is doubtful if he has any legal remedy, and certain decisions in the American courts uphold this view. The tendency of the American judicial opinions appears to be that natural gas is like wild animals, (feriae naturae) and can be taken wherever it can be found. It is on this account that a representation from the inhabitants of that district of Welland county are now asking the Ontario Government for legislation to prevent this wanton export of gas by foreign companies. The remedy they propose is a law prohibiting all pumping of gas. *The flow of gas is to be confined to* the rock pressure or natural flow, and this quantity it is claimed is sufficient to meet the purposes of the surrounding country. As it is now, the people of Welland, Thorold and St. Catharines are deprived of a great blessing of nature, because the Standard Oil octopus can draw money into its tentacles more quickly by supplying the gas to Buffalonians. It is claimed that the now fertile gas fields of Humberstone will, in a few years become wastes, like the gas fields of Northern Ohio, owing to the artificial pump unduly destroying the natural supply.

This gas question is a most interesting one, and from the data to hand at present it would appear that the Government should take some step to prevent the wanton deprivation of a commuuity of a natural blessing which rightfully belongs to them. There will doubtless be other gas fields discovered in Canada, and *it is* right that they should be preserved as far as possible for the people who have the most right to enjoy them.

PERSONALS.

Gladstone traces his ancestry back to King Duncan, of Scotland, who was Macbeth's victim.

Regarding the conflicting statements as to the health of Dr. Oliver Wendell Holmes, Judge Holmes, the poet's son, says the truth is that about two weeks ago his father was seized with a slight attack of the grip. *He has since recovered, but is suffering to* some extent from the languor that sometimes results from the disorder. He is in other respects in his usual health, is not confined to his bed, and his condition is not such as to cause any alarm.

The American newspaper woman—Miss Banks—who has been rather startling the London press with her sensational reporting; has vaulted from her experience in cap and apron as a servant to advertising for an aristocrat *chaperon willing to take* payment for introducing her into the best society. The results of this undertaking she, of course, has duly ventilated in an article.

A remarkable fact is made public in connection with the parochial work of the Rev. Robert Ker, rector of St. George's parish, St. Catharines. During the month between December 2nd, 1893, and January 2, 1894, Mr. Ker read the service for the burial of the dead over five persons whose combined ages amounted to 423 years, not one of whom was under eighty years of age.

It has been found that Miss Ellen Terry makes the "autograph fiend" useful by requiring everyone who wants her autograph to contribute something toward the support of the hospital in which she is specially interested. It is suggested that other people who, for some reason or another, are targets for the hunter after autographs should adopt a similar plan, and levy, say fifty cents, for some worthy charity, as a condition precedent to the writing of their names. They would thus make the "autograph fiend," who is now generally regarded as a nuisance, a useful and productive member of society.

Charlatans and Quacks

Have long plied their vocation on the suffering pedals of the people. The knife has *pared to the quick; caustic applications* have tormented the victim of corns until the conviction shaped itself—there's no cure. *Putnam's Painless Corn Extractor* proves on what a slender basis public opinion often rests. It you suffer from corns get the Extractor and you will be satisfied. Sold everywhere.

STUDENTS POISONED.

Dastardly Outrage on the Freshmen of Cornell University—Chlorine Gas Introduced into the Dining-Room—One Death—Several Students in a Critical Condition.

An Ithaca, N. Y., special says:—Last night the Cornell freshmen held their banquet in the large hall formerly occupied by the Masonic fraternities. At nine o'clock the freshmen were to meet on the hill and march down to the banquet hall. Tioga street was well filled with students long before nine o'clock, all waiting for the coming freshmen, ready to pounce upon them and use every endeavour, legitimate or otherwise, to spoil the freshmen's evening. The whole of the Ithaca police force was stationed near by ready to quell any serious trouble. About ten o'clock the freshmen reached Tioga street. Then a "rush" ensued—called a rush probably in order to give it a good character, but in reality it was nothing more or less than a free fight. The freshmen surged towards the door leading up into the hall and were

ATTACKED FROM ALL SIDES.

Faces were punched, hats smashed, and a general melee followed, in which the officers were tossed about like chaff. The "rush" was only ended when the last freshman was safely in the *hall. Then order* was restored, except, perhaps, when some luckless freshman who was late fell into the hands of the sophomores. Things went along quite smoothly until about eleven o'clock, when a sensation was sprung upon the people outside the hall.

First appeared a coloured women, led by two men. She was almost white, so bad was her condition. She was taken over to Dr. Lockerbie's, and means taken to resuscitate her. But all means proved of no avail, and a few moments after eleven o'clock she died. Soon after she was led out of the building a number of students were carried out, some being taken to Grant's drug store, and some to Casey's restaurant. The efforts to revive them proved more successful, and they recovered sufficiently to be taken to their respective boarding places and were put under the

CARE OF PHYSICIANS.

The police officials concluded that the victims were poisoned by gas, and discovered that in a room directly under the kitchen of the hall some one had bored two holes in the ceiling above. On a table stood a large jug, corked, but in the cork were two rubber tubes, which ran nearly up to the ceiling, where they were connected with two glass tubes which ran through holes in the floor, thus spreading in the room above the gas generated from the jug, which was found to be chlorine, a mixture of salt and sulphuric acid. There was, however, no clue to the party who had been guilty of this dastardly piece of business.

Tobiensky, a Belgian engineer, has designed a sky-piercing structure for the Antwerp *Exhibition of 1894, which promises to* eclipse the Eiffel Tower and Chicago's great Ferris wheel. It consists of a gigantic captive balloon, *composed of two hemi*spheres and three cylindrical compartments of triple China silk. The weight, including the castle in the air and its accessories, with that of 150 persons, will be 16 tons. The balloon will be anchored by four great vertical cables. Two balloon elevators, capable of carrying ten to fifteen persons, connect the castle with the ground. According to the strength of the wind, it can rise to a height of from 600 to 1500 feet. The platform is 90 feet long, with a surface of 200 square feet.

Nerve Pain Cure

Polson's Nerviline cures flatulence, chill and spasms: Nerviline cures vomiting diarrhœa, cholera, and dysentery. Nerviline cures headache, sea sickness and summer complaint. Nerviline cures neuralgia, toothache, lumbago and sciatica. Nerviline cures sprains, bruises, cuts, &c. Polson's Nerviline is the best remedy in the world, and only costs 10 and 25 cents to try it. Sample and large bottles at any drug store Try Polson's Nerviline.

A.P.700

CURE THAT COUGH WITH SHILOH'S CURE

TAKE THE BEST

25cts., 50cts. and $1.00 Bottle. One cent a dose.

It is sold on a guarantee by all druggists. It cures Incipient Consumption and is the best Cough and Croup Cure.

FREE FACTS

C P RAILWAY

FOR PARTICULARS ABOUT THE SETTLERS' TRAINS TO MANITOBA AND THE NORTH-WEST

See your nearest Railroad Agent, and get a copy of "Free Facts, Farms and Sleepers"

FARMS & SLEEPERS

FIRE PROOF ROOFING

ILLUSTRATED CATALOGUE FREE

METALLIC ROOFING Co. MANUFACTURERS TORONTO

"If all the gold in mint or bank,
All earthly things that men call wealth
Were mine, with every titled rank,
I'd give them all for precious health."

Thus in angush wrote a lady teacher to a near friend, telling of pitiless headache, of smarting pain, of pain in back and lions, of dejection, weakness and nervous, feverish unrest. The friend knew both causes and cure and flashed back the answer, "Take Dr. Pierce's Favorite Prescription." The distressed teacher obeyed, was restored to perfect health, and her daily duties once more became a daily pleasure. For lady teachers, salesladies and others kept long standing, or broken down by exhausting work, the "Prescription" is a most potent restorative tonic, and a certain cure for all female weakness. *Guaranteed* to cure in every case or money returned. See printed guarantee around each bottle.

Fibroid, ovarian and other Tumors cured without resort to surgery. Book, with numerous references, sent on receipt of 10 cents in stamps. World's Dispensary Medical Association, Buffalo, N.Y.

There are more houses in London than in Paris, New York, Berlin, and Vienna put together. This is to be accounted for by the fact that the inhabitants of these towns eside mostly in flats.

"HITS."

OLD, CHRONIC PAINS SUCCUMB TO ST. JACOBS OIL

IT HITS THE SPOT AND CURES.

Feed a Cold

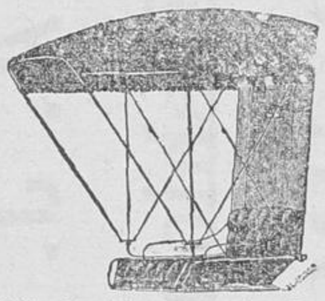
Yes, but feed it with Scott's Emulsion. Feeding the cold kills it, and no one can afford to have a cough or cold, acute and leading to consumption, lurking around him.

SCOTT'S EMULSION

Of pure Norwegian Cod Liver Oil and Hypophosphites

strengthens Weak Lungs, checks all Wasting Diseases and is a remarkable Flesh Producer. Almost as Palatable as Milk. Prepared only by Scott & Bowne, Belleville.

COWBOY'S IMPROVED CARRIAGE TOPS



Have all the latest improvements. Be sure and get one for your buggy. They are better han ever for 1894.

SEEDS For nearly half a century we have been supplying the **Farmers**, the **Gardeners**, the **Florists** and the **Horticultural Specialists** in all portions of this great Dominion, with our selected and reliable stock of Seeds for the **Field**, the **Garden** and the **Greenhouse**; and year after year their orders come to us as regularly as the Seasons, so that the people's trust is to us a most valuable possession. Our Seed Catalogue for 1894 is now ready and will be mailed free to all who apply to

JOHN A. BRUCE & CO. SEED MERCHANTS, HAMILTON, ONTARIO.

WHITE SWELLING.

This is to certify that MR CHAS. CLUTHE, of 134 King Street West, Toronto, completely cured me of white swelling in the left knee in less than 6 months. I was able to attend to my business three days after he had placed the machine on. (I had been confined to my bed constantly for four months previously.) The doctors decided that nothing but amputation would save my life, but on May 15th, 1890, a friend persuaded me to let MR. CHUTE make a machine for em. I consented, but I confess I had no faith in it. I suffer now no pain whatever, and can walk ten miles without the aid of stick or crutch. I give this testimonial simply to help anyone who may be suffering as I did, and to convince them, if possible, that there is only one cure, and that is extension as applied by MR. CLUTHE of 134 King Street West, Toronto.

George Giles, 320 Markham St., Toronto.

No Guess Work Now!

Half a century ago the effects of ST. LEON MINERAL WATER upon the system may have been experimental, now its healing properties are established beyond question. The analysis alone stamps it a medicine of an exceptionally high order. Besides, nearly every physician and expert recommends and prescribes it. No other water on the continent approaches St. Leon.

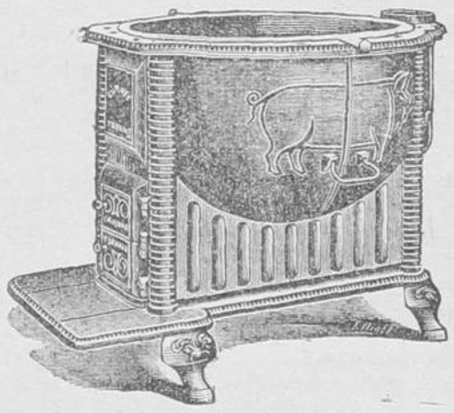
St. Leon Mineral Water Co., Ltd.

Head Office—King St., Toronto, Branch, 448 Yonge St.

OXFORD HOG

IMPROVED

CAULDRON FURNACE.



ADAPTED FOR EITHER WOOD, HARD OR SOFT COAL.

HAS INDIRECT DRAFT

Heats Quick

Made in 5 Sizes, 20, 30, 40, 50 and 60 Gallons.

The Gurney Foundry Co., Limited TORONTO

THE CURNEY, MASSEY CO., LIMITED MONTREAL.

AGENTS WANTED, male and female, To sell our new Kettle Cleaner. Entirely new; sells to every housekeeper. Also our Bread, Cake and Paring Knives, Carver, and Knife and Scissors Sharpener. No capital required. Easy sellers, big profits. CLAUSS SHEAR CO., Lock Box 324, Toronto, Ont.

THE STAMMERER, *The official organ of Church's* Auto-Voce School for the cure of Stammering, Toronto Canada, *sent free post-paid.*

ATTENTION—IF YOU ARE AN AGENT—*if you are not an agent, but would like* to be one—if you want to make money—send for our illustrated list. William Briggs publisher, Toronto.

LADIES,

DR. SLOCUM'S COMPOUND PENNYROYAL TEA

—GIVES—

Health, Strength & Beauty,

Cures all diseases and irregularities peculiar to women. As a tonic no better can be had. **Take it.** Samples free. Sold by all druggists in 25 cent packages, or mailed to any address on receipt of price. T. A. SLOCUM & CO. 186 Adelaide St. W., Toronto, Ont

Valuable Cook Book sent free.

1,000,000 ACRES OF LAND for sale by the SAINT PAUL & DULUTH RAILROAD COMPANY in Minnesota. Send for Maps and Circulars. They will be sent to you

FREE.

Address HOPEWELL CLARKE, Land Commissioner, St. Paul, Minn.

DRY PRESS, PLASTIC

Clay Machinery

TILE AND PAVERS

WATEROUS, BRANTFORD, CANADA.

CLIP. SAVE AND SEND TO US

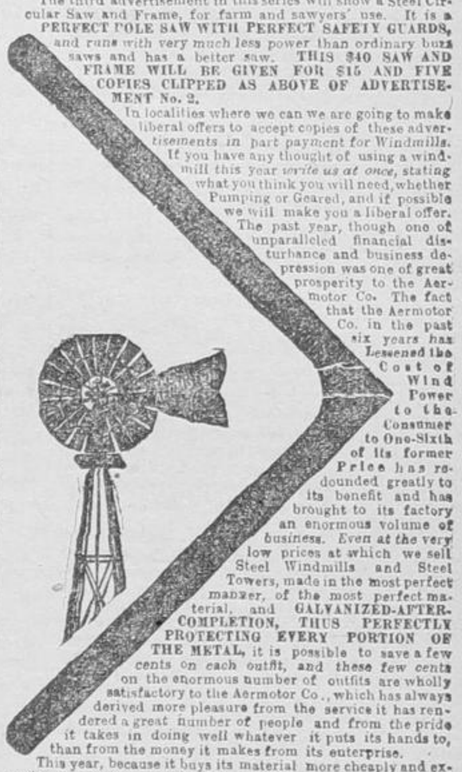
A complete set of our 13 advertisements, of which this is No. 1, The set is worth $25, and we will allow you that amount for it in the following way: *If sent in all at one time by a regular subscriber to this paper immediately after the last one appears, together with the name and address of both subscriber and paper, and dates of papers from which they are clipped,* WE WILL ALLOW YOU $25 TOWARD THE PURCHASE OF ONE OF OUR NEW, LARGE SIZE, ALL STEEL FEED CUTTERS WORTH $40. *Only one Feed Cutter to any one person.*

This makes the cash payment only $15 for this Feed Cutter, which will be found as superior to any now in use as the Aermotor was to anything in existence when it first appeared, and will drive from the field all competitors and take and hold the trade in Feed Cutters as the Aermotor, the Aermotor Steel Fixed and Steel Tilting Tower have in Windmills and Towers.

The talent which the Aermotor Company has shown in revising, revolutionizing, getting and holding the windmill business of the world, can be turned to many fields in the agricultural implement line and it proposes to show what it can do by taking up a number of articles, making them of steel and putting them in their final shape at a single stroke, as was done in the case of the Windmill and Steel Tower, and it proposes to furnish them at a greatly reduced price.

This Feed Cutter, for the present, will only be furnished on the above terms. THESE TERMS GIVE TO THIS SERIES OF 13 ADVERTISEMENTS A CASH VALUE OF $25. We shall offer other articles for which we will accept these advertisements or *single copies of them, in part payment. One will be a Steel* Hand Truck, in which we feel a special pride in showing our skill as revisers and improvers of staple articles. The cash requirement with this will be ridiculously small.

The third advertisement in this series will show a Steel Circular Saw and Frame, for farm and sawyers' use. It is a PERFECT POLE SAW WITH PERFECT SAFETY GUARDS, and *runs with very much less power than ordinary* buzz saws and has a better saw. THIS $40 SAW AND FRAME WILL BE GIVEN FOR $15 AND FIVE COPIES CLIPPED AS ABOVE OF ADVERTISEMENT No. 2.



In localities where we can we are going to make liberal offers to accept copies of these advertisements in part payment for Windmills.

If you have any thought of using a windmill this year *write us at once*, stating what you think you will need, whether Pumping or Geared, and if possible we will make you a liberal offer.

The past year, though one of unparalleled financial disturbance and business depression was one of great prosperity to the Aermotor Co. The fact that the Aermotor Co. in the past six years has *Lessened* the Cost of Wind Power to the Consumer to One-Sixth of its former Price has redounded greatly to its benefit and has brought to its factory an enormous volume of *business. Even at the very* low prices at which we sell Steel Windmills and Steel Towers, made in the most perfect manner, of the most perfect material, and GALVANIZED-AFTER-COMPLETION, THUS PERFECTLY PROTECTING EVERY PORTION OF THE METAL, it is possible to save a few cents on each outfit, and these few cents on the enormous number of outfits are wholly satisfactory to the Aermotor Co., which has always derived more pleasure from the service it has rendered a great number of people and from the pride it takes in doing well whatever it puts its hands to, than from the money it makes from its enterprise.

This year, because it buys its material more cheaply and expects an *enormous increase in its ever growing business*, it offers its patrons a vast increase in the quantity and quality of material employed in the construction of its Steel Towers. The accompanying diagram, 2 1-2 x 2 1-2 shows the smallest angle that will be used by it in the corner posts of Towers, even for the 8-ft. wheel. For the 16-ft. we use 4x4. Thousands of tons *of Angles for Towers, cold-rolled and very straight and perfect* are now being delivered at our works. Others who have a few tons, and therefore a year's supply, of 2 x 2 angle which they are using for 8-ft., 10-ft., and even for 12-ft. wheels, will read this paragraph with surprise and sorrow, since we have not previously given them any information concerning what we will use for '94.

The Aermotor Co. proposes to *distribute* $500 IN CASH IN PRIZES for the best essays written by the wife, son or daughter *of a farmer or user of a windmill, answering the question,* "WHY SHOULD I USE AN AERMOTOR?" For conditions of competition and amounts and numbers of prizes send for particulars to the Aermotor Co., Chicago, or to its branches, at San Francisco, Kansas City, Lincoln, Neb., Sioux City, Iowa, Minneapolis, Buffalo, or 65 Park Place, New York City. Aermotors, Pumping and Geared same price, All Steel, all Galvanized-After-Completion, delivered free on cars at Chicago and shipped to any one, anywhere, at the following prices:

8-ft. $25. 12-ft. $50. 16-ft. $125.

MUSIC!

Every **Music Teacher** in Canada should know where they can get their Music cheapest. Write us for Catalogues; also sample copy of the CANADIAN MUSICIAN, a live monthly journal with $1.00 worth of music in each issue. $3 to $6 per day made by canvassers. See premium list. We carry everything in the Music line.

WHALEY, ROYCE & CO. 158 YONGE ST. TORONTO, ONT.

GRANBY RUBBERS.

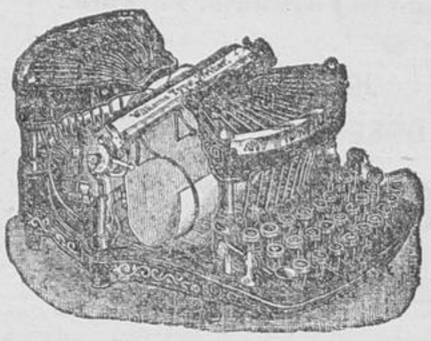
They give perfect satisfaction in fit style, and finish, and it has become by-word that

"GRANBY RUBBERS wear like Iron."

The WILLIAMS

— VISIBLE WRITING —

TYPEWRITER.



NO GOING IT BLIND.

The last letter, the last word, the last lines in plain sight, adds 100 per cent. to the pleasure of using.—

NO LIFTING OF CARRIAGE, NO RIBBON, DIRECT INKING, STRONGEST MANIFOLDING, POSITIVE ALIGNMENT, UNEQUALLED SPEED, A STANDARD AMERICAN MACHINE THE HIGHEST GRADE IN EVERYTHING

WE HAVE THE AGENCY.

ADDRESS—

CREELMAN BROS.

KNITTING MACHINE MFCRS.

GEORGETOWN, ONT.

USE WIDE AWAKE SOAP.

Manufactured only by

DAVID MORTON & SONS, HAMILTON, ONT.