# MINING IN THE

and as a result a new industry is the blood and enable it to cast out the

speaking, of a mixture of the gases eral health. Sound proof of these nitrogen and oxygen, as well as statements is offered by Mrs. George quantities of argon and neon, among Stanley, Sparta, Ont.. who says:—

used to maintain life in invalids, yet the amount consumed in hospitals and laboratories is a very small portion of the total output. In the United until I had used about a dozen boxes. States alone it is estimated that the by which time I felt like a new person annual output of oxygen is a thou-and looked like one. I could do my sand million cubic feet. The present value of that is nearly fifteen million

streets using the flame in repairing tramway tracks. The oxy-acctylene process is one of the most important labor-saving devices ever invented and it was them ining of the air that Workmen are often to be seen in the and it was them ining of the air that ville, Ont.

The oxygen is market in steel cylinders, which may often be seen loaded

from the air, attention is turned to imminous rings—which, when an introgen, which is trapped from the air for the manufacture of fertilizers

—an industry carried on in Norway on an enormous scale. It is used also for the manufacture of explosives, for the filling of so-called nitrogen lamps, while it is semetimes analyzed for mediately upon an avalesion and there are manufacture of mediately upon an avalesion and there are manufacture of mediately upon an avalesion and there are manufacture to be desired in the filling of so-called nitrogen lamps, mediately upon an avalesion and there are manufacture to be desired to the filling of so-called nitrogen lamps, mediately upon an avalesion and there are the stemach. They are guaranteed the stemach that the stemach they are guaranteed to the stemach that they are the stemach. They are guaranteed the stemach that they are the stemach that they are the stemach that they are the stemach.

air over an intensely hot electric arc visible

air are argon and neon, recently look-ed upon as rare and costly, but now ping a pebble into water. One ab-liams Medicine Co., Brockville, Ont.

When the work was finished it was found that the two sets of measure-

ments differed by only a few feet!

To-day a far greater piece of measuring is being undertaken. Thanks to the construction of the Cape-to-Cairo railway, the whole length of the great African continent is being

worked out by surveyors.

Considerable portions have been finished, and these show that up to the present, at any rate, there is no need for us to revise our maps.

An error has been disclosed, it is true but it is hardly of the kind to affect the Atlas. It amounts, as a matter of fact, to rather less than one inch for each hundred miles. Not a very serious mistake!

When the measurement is complet ed it is expected that astronomers and surveyors will differ by about fifty yards for the entire length of this in

Canada possesses nearly half the water power of the world.
Your clothes if hung up carefully will wear much better than if flung apon the chair.

## RHEUMATIC TREATMENT

oringing up in connection with this ining of the air.

The atmosphere consists, roughly out the pains and benefitting the gen-"For a number of years I was troubled Since the discovery of a method of with rheumatism, which at times was Since the discovery of a method of liquidfying air by extreme cold, it had been found possible to separate these been found possible to separate these constituents in the same way. And all these elements have now assumed a great commercial importance.

As everyone knows, oxygen is often used to maintain life in invalids, yet the amount consumed in heavitals as yet the amount consumed in heavitals as a light possible to the second control of the control

## Visible Sound.

One of the strangest of volcanic on motor-forries in any bid town.

Once the oxygen has been removed phenomena is the "flashing arcs"—thin luminous rings—which, when an

while it is sometimes employed for the putting out of oil fires.

Nitrogen is obtained by driving the these "arcs" are sound waves made be given to the youngest baby with

flame, six feet in diameter, known as the "electric sun." The nitrogen is trapped as nitre oxide, from which the nitrogen itself is ultimately combined to form nitro compounds.

Two of the remaining gases in the Two of the remaining the Two of the remaining gases in the Two of th

server told of hearing the explosion of a distant gun at the precise instant when the moving light band reached his feet.

The spreading shell may be aptly to the circular outline of the bubble

### Diner on English Railroad Electrically Equipped.

Inaugurating a new departure, land, has equipped the kitchen of one of its dining cars with electrical cook-ing apparatus. Power for the ap-paratus is furnished by two generaed the best of health. I have since paratus is furnished by two generarecommended Dr. Williams' Pink Pills
tors, which are belt-driven from the
to several others who received the
axies of the trucks, each have a totem pole, he and his family,
and sometimes in the case of a great
traduced the law of copyright will Oxygen is used in many different ways in the engineering world. It is combined with acetylene to make the intensely hot flame which cuts through steel rails with the greatest of ease. Workmen are often to be seen in the regain you old time energy. You can always four how to several to several to several the same benefit as myself."

The best time to begin taking Dr. Williams Pink Pills of the who received the axies of the trucks, each having a rating of 6 kw. In the kitchen, across one end, is the main cooking range and roasting oven, with a steaming of the same of the trucks, each having a rating of the same benefit as myself." yielded such satisfactory results that the company is seriously considering similar equipment for other trains.

visible.

During the war observation was frequently reported of mysterious curved writes:—"Baby's Own Tablets were of

alir are argon and noon, recently looked upon as rare and coatily, but now sold at a delicar vite or cubic foot.

But these gases are used for diffing the state of the state

They checked the astronomer's calculations by actually measuring the distance in a straight line from the A.D., and the name has flourished in the parket of the south of their country.

They checked the astronomer's calculations by actually measuring the distance in a straight line from the A.D., and the name has flourished in rever" could only have been (literally) belaware River. It will connect the

Feed the body well

Right food for the body is more important than right

Grape:Nuts

is a scientific food, containing all

the nutriment of wheat and malt-

ed barley. Grape: Nuts digests

easily and quickly, builds toward

health and strength — and is delightful in flavor and crispness

There's a Reason for Grape Nuts

fuel for the engine.

found to be amazingly accurate when they are checked by the measure.

When, more than a century ago, the French instituted the metric system, they were very anxious that the metric system, they were very anxious that the metric should be an exact fraction of the earth's circumference—which they are checked the astronomer's caltileted.

They checked the astronomer's caltileted in the special in the believed, the original meaning of the place name, indicate that all of them, with the original meaning of the place name, indicate that all of them, with the original meaning of the place name, indicate that all of them, with the original meaning of the place name, exception of Hithereve and are outlined. At the North main suspended span of 1,893 feet in length, with a main suspended span of 1,893 feet in length, with a main suspended span of 1,893 feet, the bridge will be over 400 feet longer than the Quebe bridge, the famous structure, the hoisting of whose central span was accompanied by two disasters involving a total loss of lighty-eight lives.

They checked the astronomer's caltileted in the structure and not that painful result of too close association with fire. "Clagg" was show that an individual had come from that place or was identified with in some way.

An Alan de Cleburne, apparently,

An Alan de Cleburne, apparently,

But there is no doubt about the lighty-eight lives.

when the work was finished it was ever since.

A.D., and the name has nourished in reeve could only have been (inetally) Delaware Kiver. It will connect the that country, as well as in England, the harbor-sheriff. We would speak cities of Philadelphia and Camden. It is to cost more than twenty-five mil-

## "Copyright Law" of the Northwest Indians

Rid of by Enriching the Blood.

If scientific discoveries go on at their present rate we may soon find that the things we now hold most cheaply are those of the greatest value!

Who, for instance, would have thought that the air we breathe holds a store of elements which realize many as store of elements which realize many and as a result a new industry is a fact, amazing as it may seem; and as a result a new industry is a store of elements winds and sa a result a new industry is a fact, amazing as it may seem; and as a result a new industry is a store of elements winds and sa a result a new industry is a store of elements which realize many and as a result a new industry is the blood and enable it to cast out the prospective of the world, existed among the civilized nations of the world, existed among the civilized nations of the world, existed among the primitive Indians of northern British columbia and Alaska long before the white man came, is a remarkable fact which a writer discovered reactive with the air we breathe holds a store of elements which realize many are very painful. And often the sufficience in the surface of the world, existed among the civilized nations of the world, existed among the primitive Indians of northern British count and Alaska long before the white man came, is a remarkable fact which a writer discovered reactive while traveling through the artist of the tribe, a man of a distinctive class whose wages were very will and often the sufficience of the world, existed among the civilized and provides a steadily expanding "shell" of condensation in the air, which, followed by a shell of rarefaction, spreads out the prompetite at the prospective owner called in the prospec

chief, the whole clan, set about gather- cease to need it.

ears the vibration it imparts to our ear drums enables us to hear the explosion.

The spreading spherical shell in the air is made visible by its effect upon the paths of light rays coming to our eyes. We say that air is invisible, but it is not always so necessarily. Everybody has seen air shimmering over a lot stove or other heated surface.

Beynon, of the Canadian ethnological figure and crest he wished carved. The artist then started to work, spend-to them shown, the existence of copyright has been entirely overlocked. In fact, the meaning of these poles, and the strange ceremonics attaching to them, have never been made known to the general reading white.

Beynon, of the Canadian ethnological figure and crest he wished carved. The artist then started to work, spend-to designs necessary. His work was aid Mrs. Wm. Allen, 1515 Wellington Staid Mrs. Wm. Allen, 1515 Wellington Staid Mrs. Wm. Allen, 1516 Wellington and highly difficult because he must be already in existence in the region. This rule was very rigidly enforced, and finally was on the verge of a break to the general reading white.

Herewith is given for the first time face.

The severalizes the wished carved. The artist then started to work, spend-to designs necessary. His work was add Mrs. Wm. Allen, 1515 Wellington Staid Mrs. Wm. Allen, 1516 Wellington Station and the strange ceremonics attaching to them, have never been made known marking the first workings of the copyright law in North America.

Herewith is given for the first time for the past tense has been used to the story of how these primitive peo-throughout, for though an odd totem

Herewith is given for the first time

The past tense has been used careful I was about my die
the story of how these primitive peothroughout, for though an odd totem be sure to suffer afterwards the greater the owner's standing in the community.

When control of the man and the community.

When control of the man and the community.

When control of the man and the community and the community.

When control of the man and the community and the community are control of the man and the community.

Nurses War Memorial Fund.

Canadian nurses from coast to coast are raising funds to erect a monument

at the Capital in commemoration of

When the Brakes Are of First Importance.

bourne St., Toronto

## WONDERFUL BRIDGES ing raise to pass. OF MODERN WORLD

THE LAST WORD IN EN-GINEERING FEATS.

### Two Decks for Traffic on the Great Structure That Will Span the Hudson River.

In various parts of the world-in Australia, Canada, and the United States—plans are going ahead for the construction of four massive bridges which, when completed, will be among

Most wonderful of all is the structure to be erected over—the Hudson River at New York. It will be 6,660 ft. longer than the famous Brooklyn Suspension Bridge, and over 1,000 ft. longer than the famous Brooklyn Suspension Bridge, and over 1,000 ft. longer than the Forth cantilever bridge in Scotland.

The great skill that will be required the structure of the s

span of 1,750 feet. Roadways, tram-ways, and pathways are to be in-cluded. A total of 33,000 tons of metal will be required, whereas a

cantilever bridge would have needed 47,000 tons. When these bridges are erected and that at Philadelphia will take five years to complete, or eight years less than the famous Brooklyn structure -Britain will be outclassed in the matter of great bridge-building feats, says an English writer. It is hoped, however, that the armament firms deprived of work under the dizarma-ment scheme will turn their attention to the matter, and proposals have alto the matter, and proposals have already been put forward for various bridges—one over the Tay; another at Berwick-on-Tweed; two over the Thames, one between Barnes and Kew and one at Richmond; and ore over the Severn.

As for remarkable bridges, the United States still leads the way with the one at Chicago. This works exactly like a lift, the central span be-

# ACTUAL DREAD OF MEALTIME

Nervousness is Gone, Too.

The spreading shell may be aptly ples of North America instituted a pole may still be raised among some opportunities all pole may still be raised among some opportunities to the circular outline of the bubble. The circular outline of the bubble day.

The spreading shell may be aptly ples of North America instituted a pole may still be raised among some of the very primitive tribes, the custom has practically passed, through the natives intercourse with the white gether and now I get up in the morn day. day.

To be the owner of a totem pole was a sign of social position, rank, wealth, and power. Every native above the slave class aspired to raise one some day. In the erection of the pole a great amount of wealth halt be lavished; the more wealth haished, the greater the owner's large of the lavished; the more wealth haished, the greater the owner's large of the lavished; the more wealth haished, the greater the owner's large of the lavished; the greater the owner's large of the morn was large of the main. In fact, the Canadian governing so hungry I can eat bacon or most may have gotten over the nervousness, too, and am able to sleep all night long without waking up once and I get up mornings feeling thoroughly refreshed. I am still taking Tanlac and improving steadily. In fact, it just seems that

Tanlac is sold by all good druggists.

Rubberized Paper.

ing raised straight up when a ship has for utilizing rubber in the making of to pass.

The Runcoin bridge over the Mersey paper. It is claimed that the introduction of even very small quentities of rubber into the raw material results in the production of extraordinary touchives and strength. ary toughness and strength.

Minard's Liniment Relieves Neuraldia

Many a man in the hour of his need finds that he has been so busy Canadian Nursing Sisters who lost their lives during the Great War. On to making money that he has forgotte to make any friends.

their lives during the Great War. On-tario nurses are requested to send their contributions either individually Electric cap-lamps are now being through their local association to made for the use of miners, the cur rent being supplied from an accumu the Provincial Secretary-Treasurer of the Fund, Miss Holland, 410 Sherlator strapped on the wearer's back.

## STOMACH TROUBLES ARE DUE TO ACIDITY



# SAYS SHE HAD

Verge of Breakdown But Eats Anything Now, and



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### Wood May Become Important as Fuel.

In view of the threatened difficulty in obtaining coal in the near future, the question of the value of wood as a fuel again becomes important. According to the Forest Products Laboraterior, Canada, the main considers tions in selecting wood for fuel are its weight and dryness. Pound for pound, all woods, equally dry, have about the same heating value. hardwood, such as birch, has approx ton of coal, but in the case of soft woods, as much as two cords would, in

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