er told of hearing the explosion of listant gun at the precise instant en the moving light band reached

These also are believed to have been visible sound waves. In either case, gun or volcano, an explosion gives rise to a steadily expanding "shell" of con-densation in the air, which, followed by a shell of rarefaction, spreads out Withfrom the source at a speed of a little more than 1,000 feet a second. Under favoring circumstances we may see it in outline. When it reaches our ears the vibration it imparts to our ear drums enables us to hear the ex-

d often the suf-

Pills build up e it to cast out the with the natural

oof of these

Mrs. George

ars I was troubled

could scarcely I had been doc-

my daughter Dr. Williams'

these were

taking the pills

I could do my

Sound.

hich at times was neral health was

Ont., who says:

The spreading spherical shell in the eyes. We say that air is invisible, but it is not always so necessarily. Everybody has seen air shimmering over a hot stove or other heated sur-

compared to a soap bubble in process of blowing, and the "flashing arc" to the circular outline of the bubble.

ut a dozen boxes. have since enjoy-th. I have since ing apparatus. Power for the apthe community.

paratus is furnished by two generaWhen a native decided he would closely into his doings. paratus is furnished by two genera-tors, which are belt-driven from the axles of the trucks, each having a rat-axles of the trucks, each having a rat-Villiams' Pink Pills who received the to begin taking Dr. one end, is the main cooking range Pills is the moment and roasting oven, with a steaming oven above it, while over the latter, a grill and a hot-water tank are locatst bit out of sorts. The so the sooner you will me energy. You can A boiling range having four hot plates, two 10-gal. boiling pans for ost paid at 50 cents vegetables, and a fish fryer, are also for \$2.50 from The included in the installation, which has yielded such satisfactory results that THE LAST WORD IN ENdicine Co., Brockthe company is seriously considering similar equipment for other trains.

CHILDHOOD AILMENT est of volcanic e "flashing arcs"— ings—which, when an

ere sometimes The ailments of childhood-constiup from the pation, indigestion, colic, colds, etc.—space. They can be quickly banished through the sappear in space. They can be quickly banished through the gerved on Mount Vesu-use of Baby's Own Tablets. They are a Mount Etna.

a mild but thorough laxative which instantly regulate the bowels and sweeten the fact that to contain no harmful drugs and can nd waves made be given to the youngest baby with perfect safety. Concerning them Mrs. ar observation was fre-d of mysterious curved writes:—"Baby's Own Tablets were of and shade that swept great help to my baby. They regu-or over the ground near lated her bowels and stomach and nach and The Tabcannon were being fired, beribed as resembling the pples produced by dropie into water. One abliams' Medicine Co., Brockville, Ont.

Surnames and Their Origin

CLAYBURN cial Origin-English.

Most of the Clayburns and Clai- Source—A locality, also a title. nes in Canada will be inclined to ntain that it is Irish.

n this they are not exactly correct.

Feed the body well

Right food for the body is

more important than right

atific food, containing all

ey. Grape: Nuts digests

and quickly, builds toward

alth and strength — and is

elightful in flavor and crispness

at of wheat and malt-

fuel for the engine.

HYDE. Hithereeve. Racial Origin-English

None of the family names in this ten lines of railway track. an English family name. They are developments of actual exclusively by one man, while another takes care of the driving and steering.

were really two separate worts.

of them indicated a small farm, speciThis name, which is often proThis name, which is often proThis name, which is often proThe central span will be 1,600 feet in
The centr

e-Nuts

OF MODERN WORLD

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 the greatest engineering feats in his

ture to be erected over the Hudson River at New York. It will be 6,660 ft. long, or over 700 ft. longer than the famous Brooklyn Suspension Bridge, and over 1,000 ft, longer than the Forth cantilever bridge in Scotland.

for traffic. Variations — Hide, Ide, Hithereve, width—will be a roadway with a car broad. The lower bridge will have

skin. They are developments of an-other old Teutonic word which was variously spelled by the Anglo-Saxons Point, is the next in importance.

e truth is that most of the Clai-nes and Clayburns in Canada are "hythe," "hithe" and sometimes "hide." the bridge will be a single decker with the best known in Ireland since the were really two separate words. One of the indicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm, specified by the control of the midicated a small farm of the midicated a s

Ily a place name, and the locals the seat of a lordship estable the seat of the se mes. The spelling then was he," and it later became "Cleform which evolved the form than finally Clayburn. And enough, this latest spelling of the most usual courses of develop-

it is sto say, "clay."

But there is no doubt about the two forms of Hithereeve. The "hite-reeve" could only have been (literally) the harbor-sheriff. We would speak of a port warden to-day.

But there is no doubt about the two forms of Hithereeve. The "hite-reeve" could only have been (literally) the harbor-sheriff. We would speak of a port warden to-day. is to cost more than twenty-five mil-lion dollars, and will have a central span of 1,750 feet. Roadways, tramways, 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

> When these bridges are erectedand 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 de-prived of work under the disarmament scheme will turn their attention to the matter, and proposals have already been put forward for various one over the Tay; another at Berwick-on-Tweed; two over the Thames, one between Barnes and Kew and one at Richmond; and one over

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-

"Copyright Law" of the Northwest Indians

That a "copyright law," very similar to that in force 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 recent; while traveling through the northern wilderness region of British Columbia in company with William Beynon, of the Canadian ethnological research. The strange thing is that though much has been written of ingure and crest he wished carved. The artist then started to work, spending the properties of decimal and the control of the carved. The artist then started to work, spending the properties of the intricate totem poles and some nictures of decimal and the carved. though much has been written of ing sometimes months on the infricate made me feel like a different person, totem poles and some pictures of designs necessary. His work was said Mrs. Wm. Allen, 1515 Wellington them shown, the existence of copymade highly difficult because he must St., Verdun, Montreal, Quebec. the paths of light rays coming to our the paths of light rays coming to our line paths of light and the strange ceremonias attaching to them, have never been made known to the general reading bilic.

Herewith is given for the first time the story of how these primitive peoples of North America instituted a pole may still be raised among some convergent law in North America.

copyright law along exactly the same of the very primitive tribes, the cuslines as followed by the white men today.

To be the owner of a totem pole man. In fact, the Canadian government has stepped the patives improvthe natives' intercourse with the white Diner on English Railroad
Electrically Equipped.

Inaugurating a new departure, the Great Northern Railway Co., in England, has equipped the kitchen of one of its dining cars with electrical cooking apparatus. Power for the application of the greater the community.

To be the owner of a totem pole man. In fact, the Canadian government as stopped the patives improve erishing themselves by such cereabove the slave class aspired to raise monials, which have been commonly known among white men as "potland, has equipped the kitchen of one of its dining cars with electrical cooking apparatus. Power for the application of the greater the owner's standing in the community.

WONDERFUL BRIDGES ing raised straight up when a ship has to pass.

The Runcoin bridge over the Merse is in the nature of a suspension rail-way, the passengers being carried across in a remarkable cage-like contrivance.

Nurses War Memorial Fund.

Canadian nurses from coast to coast are raising funds to erect a monument at the Capital in commemoration of Canadian Nursing Sisters who lost their lives during the Great War. Ontario nurses are requested their contributions either individually or through their local association to the Provincial Secretary-Treasurer of the Fund, Miss Holland, 410 Sher-bourne St., Toronto.

When the Brakes Are of First Importance.

In the West, logging camps are mostly situated in the hills, and the heavy loads of logs have to be hauled out, always downhill. Often that helps to make the hauling easy, but sometimes the grades are so steep that it makes it too easy—so easy that it en-The great skill that will be required tails difficulty. Indeed, in these inin the construction of the new bridge may be judged from the tremendous weight it will have to carry. The central span will be 3,240 feet in least of welling against the load in the central span will be 3,240 feet in central span will be 3,240 feet in stead of pulling it. Two and a half ength, and there will be two decks miles of specially constructed track is used at one western logging camp for transporting heavy loads on either side and outside this large motor truck down a very steep will be two footways each 17 feet grade. The truck is six-wheeled, and broad. The lower bridge will have has powerful brakes on its four rear wheels.

Minard's Liniment for sale everywhere

Simcoe County Municipal

enough, this latest spelling of the foregoing surnames. A study of the most usual courses of development in family name formation would indicate that all of them, with the earth are outlined. At the North Pole is set a bronze star, symbol both of his discovery and, as some one has usual result of too close with fire. "Clagg" was glo-Saxon word for "sticky from that place or was identified with that is to say, "clay."

Here them, "A study of the foregoing surnames. A study of the most usual courses of development in family name formation would indicate that all of them, with the bridge will be over 400 feet longer than the Quebec bridge, the famous structure, the hoisting of whose central span was accompanied by two disasters involving a total loss of eighty-eight lives.

But there is no doubt about the



and Clean Scalp Free from dandruff and itching. It's easy. On retiring rub spots of dandruff and itching with Cuticura Ointment, getting Ointment well on scalp. Nextmorning shampoo with Cuticura Soap and hot water. Rinse with tepid water.

DAYS SHE HAD

"For five years I never knew what it was to be free from stomach trouble down. I actually dreaded for mealtime to come as I knew no matter how careful I was about my diet I would be sure to suffer afterwards.

round for me. For a long time I had been going without any breakfast alto-gether and now I get up in the morning so hungry I can eat bacon or most anything else I want and enjoy it. I have gotten over the nervousness, too without waking up once and I get up I am still taking Tanlac and improving steadily. In fact, it just seems every dose increases my strength and energy."

Tanlac is sold by all good druggists.

for utilizing rubber in the making of paper. It is claimed that the introduction of even very small quantities of rubber into the raw material results in the production of extraordinary toughness and strength

Minard's Liniment Relieves Neuralgia

Many a man in the hour of his need finds that he has been so busy making money that he has forgotten to make any friends.

Electric cap-lamps are now being made for the use of miners, the cur rent being supplied from an accumu

Tells Safe, Certain, Speedy Relief For Acid Indigestion

So-called stomach troubles, such as indigestion, gas, sourness, ache and inability to retain food are in probably nine cases out of ten, simply evidence that excessive secre-tion of acid is taking place in the stomach, causing the formation of gas

and acid indigestion.
Gas distends the stomach and causes that full, oppressive, burning feeling sometimes known as heartburn, while

sometimes known as nearcourn, while
the acid irritates and inflames the
delicate lining of the stomach. The
trouble lies entirely in the excess development or secretion of acid.

To stop or prevent this souring of
the food contents of the stomach and
to neutralize the acid, and make it
bland and harmless, a teaspoontuff or bland and harmless, a teaspoontul of Bisurated magnesia, a good and effective corrector of acid stomach, should be taken in a quarter of a glass of hot or cold water after eating or whenever gas, sourness or acidity is felt. This sweetens the stomach and neutralizes the acidity in a few moments and is a perfectly harmless and inexpensive remedy to use.

An antiacid, such as Bisurated Magnesia, which can be obtained from any druggist in either powder or tablet form, enables the stomach to do its work properly without the aid of artificial digestents. Magnesia comes in several forms, so be certain to ask



BELTING FOR SALE

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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. tories of the Department of the Intions in selecting wood for fuel are its weight and dryness. Pound for pound, all woods, equally dry, have about the mately the same heating value as a ton of coal, but in the case of softwoods, as much as two cords would, in some instances necessary to get the same amount of heat.

Rubberized Paper.

The safe way to send money by mail
A new process has been discovered is by Dominion Express Money Order. Chinese is spoken by four hundred

million people

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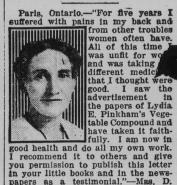
Those Having Sick Animals

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C. J. CLIFF



Every Woman's Wish-Read Mrs. Cassady's Experience



papers as a testimonial."—Mrs. D. Cassary, Box 461, Paris, Ontario.
This medicine which helped Mrs. Cassady so much is worthy of your confidence. If you are troubled with such allments as displacements, in-

such allments as displacements, inflammation, irregularities, or other
forms of female weakness you should
give it a trial now.
Lydia E. Plnkham's Private TextBook upon "Ailments Peculiar to
Women" will be sent to you free
upon request. Write to The Lydia E.
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This book contains valuable information.



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Unless you see the name "Bayer" on tablets, you are not g ting Aspirin at all. Accept only an "unbroken package" of "Bayer Tablets of Aspirin," which contains directions and dose worked out by physicians during 22 years and proved safe by millions for

Headache Toothache Earache

Neuralgia Lumbago Rheumatism Neuritis Pain, Pain

Handy "Bayer" boxes of 12 tablets-Also bottles of 24 and 100-Druggists. Aspirin is the trade mark (registered in Canada) of Bayer Manufacture of Mono-aceticacidester of Salicylicacid. While it is well known that Aspirin means Bayer manufacture, to assist the public against imitations, the Tablets of Bayer Company will be stamped with their general trade mark, the "Bayer Cross."

re's a Reason' for Grape Nuts

Seap 25c. Ointment 25 and 50c. Talcum 25c. Sold throughout the Dominion. Canadian Depot Lymans, Limited, 344 5t. Paul St., W., Montreal.

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