THE DAILY MAIL, FREDERICTON, N. B FRIDAY, APRIL 30, 1920

AMBER IS

long time.

Amber 100,000 Years Old

Easily Fused and Worked

YOUTHFUL

PAIR PARTED



United States Army Officer Announces Revolutionary Discovery in Radio-Says Cables Will be Unnecessary-Unprotected Strand of Metal Utilized Merely for the Direction of Signals-Details Will Soon be Ready.

Washington, April 28 .- An import- in the Earth and Sea." This supplied ant development which may revolu- the key which enabled a newspaper to tionize the present system of world obtain the information presented herecable communication is to be anwith in advance of the official announnounced here before the National cement That the news of the development

Academy of Sciences soon by Major Gen. George O. Squier, chief signal of ficer of the United States Army.

The announcement is that bar cate submarine cables now require highly expensive and extra ally dely cate submarine cables now required may be used for the transmission (messages, both by telephone and tele manner is said to represent an en- been engaged for years in the present tirely new principle in the science of system of ocean cabling. communication and opens a way for a tremendous development which con-

and Europe, or even China. It is new application of what i known ts "wired wireless," being the tween two or more points with the used merely as a guide. This means of communication, in which the nessage is not sent through the wire but alongside of it, was developed sev

to the four winds. Insulation is Not Necessary Of secondary importance is the an

same purpose when buried in th

and buried in the earth comes through no interruption to the service so long

New

tor

Strength

YOU!

p.oved this.

will have great interest, commercially and otherwise in the electrical world goes without saying. It will open up, electrical engineers believe, a wide guide an under water radio message amber is much cheaper. discussion as to its adaptability to the communication systems of the world, which those who have been familiar with it say is self-evident. Its revolutionary character, however, is expec-The use of bare wire in this ted to cause a shock to those who have

> Of Great Commercial Value protection, but a principle about apart. which whose commercial importance there is no mistake

highly expensive and delicate. Before ends grounded, as is the custom for eral years ago by Gen. Squier and al- the war the estimated cost was more both radio and ordinary wire com- of Europe America and Australiasia. of the average wage-earner. He has has been placed in commercial than \$2,000 a mile in place. They are munication, but there were no results. The greatest amber producing district been set at machines which were supuse in the United States efficiently of intricate construction and require Finally the ground connection was re- is Samland, a square shaped piece of posed to supply much of the brains and economically. As many as forty heavy armor to protect them from moved and the apparatus was capable territory in what was formerly East necessary for the job. He has punch different and distinct messages have chafing against the rocks. Even the of operation. The exact reason for the been sent in this manner with a single slighest leaks put these caples out of fact that a ground is unnecessary is eventually to Poland. The district lies number. Often for months at a stretch wire as a guide. The advantages of commission until repair is possible, not yet fully explained. "wired wireless" as in its multiplex often after days of search. The cables possibilities and its secrecy, which is at best could be used only for duppossible in the orlinary use of lex communication, that is, for carryradio, where the message is scattered ing two messages, one in each direct

With an ordinary bare wire, on the other hand, the cost of the line would ouncement is the further fact that it be very low. Such a wire probably is possible to use the bare wire for the would have to be painted or enamelled to prevent injury by sea wate earth, doing away with telegraph but that would be all. It simply would poles. The wire simply is placed in a be put overboard from a stemship furrow and covered over. The heavy and weighted down to place. Water, insulation now required for buried according to the statements of those who have followed the experiments. The ability to use bare wires for cannot injure communication in the such communications, both in the sea slightest degree, and there can be

the use of vacuum tube amplifiers. as the line remains continuous. There is not grounding of the wires. At present in the use of submarine as ordinarily is the case. An open cables the current employed is com- did not get better circuit is used. An acurate discrip- paratively weak, in order to prevent tion of the highly scientific develop- any injury being done to the cable. ment will be contained in Gen. With the aid of the bare wire, with idea they might benefit me, but was in making objects were wasted or is not praying then for a whistle read. Squier's paper before the Americean the sending and receiving apparatus, Acedemy of Sciences tomorrow. Gen. Squier refused tonight to dis-cus the development in any way in telephone conversation over a longer cus the development in any way in telephone conversation over a longer advising everybody to use Dodd's Kite advance of the delivery of the paper. distance such as is impossible with ney Pills. I would not be without The first intimation that such an an- the cable.

UP A SINGIN'! Tomorrow will be clear

and bright, if you take "Cascarets" tonight

Feeling half-sick, billous, constipat- somewhere else and bring it here, he ed? Ambition way below zero? Here is can make a pile of money. There's help! Take Cascarets tonight for your practically no amber in the market liver and bowels. You'll wake up clear, Nous or your little of it. without griping or inconventionce. here since the war began. And as the They never sicken you like Calomel, principal source of supply, the Baltic cost so little too-Cascarets work while regions, is still tossing coins with the Safts, Oil or nasty, tharsh pills. They Bolshevists it is not likely that any you sleep.

invention which permitted the transmission of radio messages between high as \$30 a pound, and more for es submarines. Having developed "wired pecially choice specimens. Now it cowireless" for the guidance of a radio mands almost any price that message along a wire when properly holder chooses to ask, up to \$80 a insulated above the ground, he rea- bound, or even higher, These figures soned that it might be possible to are for "rock" amber. The pressed by a wire under water. With that as Of course we could live a long time a start he called in Lieut-Col. J. O. without any amber. It is not one of the Mauborgne, in charge of the engineer necessities of life. But for some puring division of the Signal Corps, who poses such as the manufacture of ciassisted with the experiments in the gar and cigarette holders and pipe field. Inside of a month they obtained bits, no perfect substitute for amber the first results. has ever been found. It is used also

The chief experiments-those which in the making of some kinds of varfurnished the most practical demon- nish and for beads, other personal Gen. Squier, it is understood, does stration-were between Forts Hun: adornments and vases versation betweeen the United States not intend to present the system to and Washington, on opposite sides of the world as a complete invention. He the Potomac River and part of the cebelieves that he has established a fenses of the city of Washington. The a resin that exuded from trees 100,- with pleasure. I go now with dread, principle which lends itself to further forts are approximately 3,000 yards 000 to 200,000 years ago, and was knowing that most of the business

> An ordinary copper wire was placed hardened, it caught bees and flies and in the Potomac River, running to a other insects or bits of wood or feath is realized that submarine cables are periments were conducted with the ious of succeeding ages.

POISONED BY GAS

FRANK CARLSON FOUND RELIEF IN DODD'S KIDNEY PILLS.

Saskatchewan Man Who Suffered All Kidney Pills.

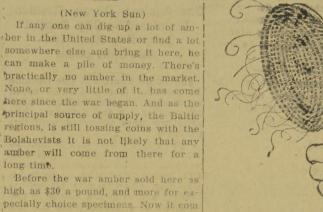
Livelong, Sask., April 30. (Special) sometimes transparent and sometimes analy and in a hand in it. -Most enthusiastic about the benefit he has received from using Dodd's in an oil bath it becomes soft and Kidney Pills is Mr. Frank Carlson, a flexible and may be worked easily. well-known and highly repected rest. Two pieces may be united by smeardent of this r/.co

"I was gassed in a well on my farm then pressing them together while 25 feet deep," Mr. Carlson says. "I hot. Cloudy amber may be clarified by was nearly dead. I was treated for a boding it in oil as the oil fills the whole summer for my trouble, but boiling it in oil, as the oil fills the

about Dodd's Kidney Pills. I had no merly the small bits of amber cast off them.

"DANDERINE" SCARCE AND Stops Hair Coming Out: **EXPENSIVE**

Doubles Its Beauty.



A few cents buys "Danderine." Af ruff, besides every hair shows new life brightness, more color and thickness

MAKING TOIL A PLEASURE

(Detroit Journal.)

An industrial captain is quoted as saying, "There is no fun in business Amber is a fossilized resin-that is any more. I used to go to my desk turned hard in the course of many which will be put before me will

enturies. Sometimes before the resin worry and depress me." To alter an old proverb, all things Its value readly is apparent when it pier on either side. At first the ex- ers and preserved them for the cur- come to the man who Hves long enough. For a generation or so, the Amber is found also in other parts fun has been going out of the work Prussia, but has now gone-or will go ed time clocks and been classified by betwen Koenigsberg and Memel. Am- he has punched out metar washers ber is found there partly cast up by and nothing else, turned up a bolt in the sea, and it is obtained also in part one part of a contrivance and no by means of nets. Much of it is mined more, seldom .seen a piece of work WHILE IN A WELL like a mineral but mostly in small through from beginning to end. Thus chunks. Some of the beds lie on the work has become monotonous, unin vbottom of the ocean, and divers have teresting. Further aggravation has been supplied by men who stood over been employed to get the amber out. workers with stop watches, figured

Summer Claims That His New Amber comes in round, irregularly our short cuts, that however useful SEALED TENDERS marked "Tender Lease of Health is Due to Dodd's shaped lumps. Its color ranges from a might he unnatural for the individual Sealed "Tender for Gravel," will be received by our short cuts, that however useful shaped lumps. Its color ranges from a might he unnatural for the individual of for Gravel," will be received by pale yellow to a reddish brown. It is worker. So the fun in work has object the undersigned up to noon of the 7th sometimes transparent and sometimes away, and the industrial captain has day of May, 1920, for 4,000 cubic yards

> in the scrapping of machinery and the Two pieces may be united by smearrestoration of handicraft. Machinery ing the surface with linseed oil and will stay. But working with it can be made more enjoyable. The man who hot. Cloudy amber may be clarified by hates to labor endlessly at drilling holes in boiler plate all day long often holes in boiler plate all day long often goes home to tinker until midnight not later than June 15, 1920. numerous pores to which the turbid appearance of the amber is due. Forat a rebellious motor car. He, does not care how time passes then. He

zest for work they have when they are "on their own."

PAGE THREE

NEWS AGENTS IN CITY.

THE DAILY MAIL IS ON SALE in the City of Fredericton at the places of business of the following:

D. LENIHAN, 522 King St. D. H. CROWLEY, 612 Queen St. ALONZO STAPLES, 100 York St. MISS QUINN, 147 Westmorland St.

E. A. EARDLEY. 704 King St.

NOTICE

BOARD OF HEALTH

Citizens will please take notice they are required to clean up their premises, yards and cellars at once, to the Health Inspector will start on his tour of inspection on or about Saturday, 8th May, 1920. Owners, whose premises are found in an unsanitary ter an application of "Danderine" you can not find a tallen hair or any dand-cated on the river bank, corner of Norcondition, will be dealt with as the law thumberland and Queen streets.

> G. R. PERKINS, City Clerk.

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MEDICIA'C CC., JORONTO, OUT. (Parmed, Mais.)

BUILDING LOTS FOR SALE

ts on Waterloo Row lacing River

OLTS & THOMAS, Real Estate Agenis,

532 Queen street

Phone, 689.

NOTICE TO CONTRACTORS.

argely had a hand in it. The remedy for the condition is not n the scrapping of machinery and the Young's Cove. The quality of the gravel must be subject to the approval the Provincial Road Engineer. Piace landing must also be subject to the approval of the Provincial Road En The Department reserves the right

to increase the quantity to be deliv

nouncement would be made came First Results in a Month. through the official programme for the The experiment which have led up American Academy of Sciences, is- to the development that will be an and enable them to do their full work sued today, which said that Gen. nounced tomorrow began last Decem. of straining the impurities out of the Squier would read a paper entitled ber, it is understood, on a idea which "Multiplex Telephony and Telegraphy formed itself in the mind of Gen. Over Open Circuit Bare Wires Laid Squier as a direst result of a navy

MALL'S WINE brings new strength to brain and body, strength to counteract the wearing stain of modern business life.

Men and women run down from overwork, anxiety o illness, need the tonic qualities of Hall's Wine. It re-news strength and vitality, and restores depleted energy.

Thousands of brain-wo kees and hand-workers have

Hall's Wine is prepared from a prescription of a member of the Royal College of Surgeous, London, England.

Dodd's Kidney Pills are a kidney ermedy. They strengthen the kidneys

Ask your neighbors if Dodd's Kid-ney Pills are not the sovereign remedy for sick kidneys.

DRESS SUITS **COME TOO HIGH**

manner in which he was received in operator. good old London, will have to go by the board. Even the rental price is said to have more than quadrupled.

(Montreal Star.) It is feared that with areas-suits son over to the Children's Society.

ROYALTY **ATTENDS FANY** DRESS BALL - A Carteria

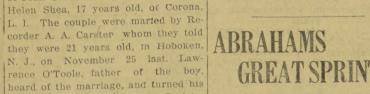
London, April 28-One of the boys with the British army of occupation on the Rhine has sent home the proceeds of a "Bradbury" (one pound note) as an illustration of the difference in exchange.

The exhibit consists of a leather case containing three pairs of first class scissors, a snakeskin jewel case for travelling, a real badger hair shav ing brush of most portentous size and several oddments.

Taking the value of the Treasury note at \$5 the yield represented a value according to English prices of at least \$35.

Our industrial captain has lived long enough for something of the experience of the wage-earner to come around to himself. We hope ne will

New York, April 29-Justice Lean- live so much longer that both he and der B. Faber handed down a decree his hired hand will know togetner at in the Supreme Court in Long Island one and the same time, the greatest City yesterday, annulling the marriage possibilities for fun now latent in all of John O'Toole, 15 years old, to Miss, work.



being quoted at a hundred and twen-ty-five or over, the brilliant idea of making Georges Carpentier's fistic vould uot see his wife again. He is now attending the College of St. Fran-transform to the transform of transform of the transform of transform of the transform of transform reception in this city, a replica of the cis Xavier. Miss Shea is a telephone the stoutest opposition in the Olym-

bridge University. He is the best sprin Man's life is full of struggles! First ter seen in England in a generation. Abrahams is a sound, "even time" he struggles against soap, then Abrahams is a sound, "even time" against discipline, then against an man for the 100 yeards, with a strong education, the against matrimony, probability that he will show a couple then against baldness, and finally of yards better on good going. At the against death—but they all get him, sooner or later! of yards better on good going. At the

recent Oxford-Cambridge meet he won in 10 seconds, although he was ericton, up to and including May 10th. slow off his mark, and when it is con- for the large and valuable property of sidered that the track was a new one the late Timothy Lynch, situated on and that the day was cold and drizz-line it con he hest calculated the class ly, it can be best calculated the class to which the youngster belongs.

Earlier in the spring Abranams did ten seconds and into the bargain de-feated A. W. Hill, the national sprint champion. The Light Blue sprinter is the area condition. There are buildings, about 4 acres of land. No tender necessarily accepted. Plan of property may be seen at the tall and awkward, but he drives for office of ward with a long, low stride which gets him over the ground with a wonderful rush. He is a splendid broad jumper and under favorable conditions can approach twenty-four feet.

Happy the man who doesn't wor y over wasted money more than for ty-eight hours.

There may be a pot of gold at the end of the rainbow, but there are only half a dozen rainbows during a whole summer.

plete his obligation. The Department does not bind itself to accept the lowest or any tender. P. J. VENIOT, Minister of Public Works. Department of Public Works, Fredericton, N. B., April 26, 1920.

TENDERS FOR COAL

TENDERS will be received at the office of the City Clerk, City Hall. uv until 12 o'clock noon the 8th day of May, 1920, for the supply of coal (screened and run of mine) for the following departments:

1300 tons more or less for the pumpng station.

800 tons more or less for the Elec

200 tons more or less for the City

sarily accepted. Coal to be delivered

For City Clerk.

TENDERS FOR RESIDENCE

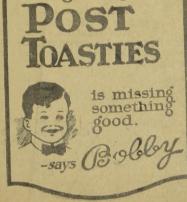
TENDERS will be received at the office of McLellan & Hughes, Fred-

The house is large and commodious, fitted with modern improvements, and

MCLELLAN & HUGHES, Fredericton, April 26, 1920.



Anybody who Isn't getting





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TTO