

# POOR DOCUMENT

## MC2035

THE EVENING TIMES AND STAR, ST. JOHN, N. B., MONDAY, DECEMBER 11, 1922

### FIFTEEN MINUTES OF RADIO EACH DAY

By Edward N. Davis  
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Government

Lesson No. 178.

#### RADIO DICTIONARY.

**CHOKE COIL COUPLING.**  
In multi-stage amplifiers the separate steps of amplification may be coupled together by choke coils, each consisting of an iron core on which is wound a large number of turns of wire. This coil, when connected in the plate circuit, does not offer a high resistance to the flow of the plate current but the choking effect of the coil effectively prevents the passage through it of the rapid voltage variations and causes them to be impressed upon the grid circuit of the succeeding stage. Choke coil coupling does not possess the voltage amplifying properties of the usual type of interstage transformer.

**MILLIAMPERE.**  
A practical unit of electric current having the value of one thousandth of an ampere and used to denote the amount of the minute currents which flow in certain portions of radio circuits, for example, the plate circuit of a vacuum tube may be ten milliamperes.

**EDISON EFFECT.**  
A phenomenon discovered about 1884 by Edison who determined by experiment that if a positively charged wire was introduced into an evacuated tube containing a filament heated to incandescence, that the electrons or small charges of negative electricity given off by the filament were attracted to the wire providing the wire was maintained at a positive potential with respect to the filament. The passage of electrons from the filament to the wire is equivalent to the flow of a current across the vacuum between the wire and the filament and takes place only when the filament is heated.

**ELECTROLYTIC DETECTOR.**  
A receiving detector consisting primarily of an extremely fine platinum wire barely making contact with a twenty per cent. solution of nitric acid. The platinum wire known as "Wollaston wire" may have a coating of silver to facilitate handling, this coating being removed previous to actual service. This form of detector employs a local battery and potentiometer in a similar manner to the carbonium crystal.

**CAGE ANTENNA.**  
A type of antenna which in a simple form consists of a number of parallel wires supported from a single point and kept apart by being fastened at equidistant points on the circumference of a circular frame.

**DRY CELL.**  
A primary cell of a portable type having a low internal resistance and comparatively large current capacity and used as a source of electrical energy in the plate circuits of vacuum tubes. Consists of a positive electrode of carbon surrounded by a mixture of ground carbon and manganese dioxide. The electrolyte is a solution of zinc chloride and ammonium chloride (sal ammoniac). A zinc container lined with an absorbent material serves as the negative electrode. On open circuit the potential of a single cell is approximately 1.5 volts.

**PIOTRON.**  
A large type of transmitting tube suitable for developing considerable power. These tubes are so highly evacuated as to allow the application of several thousand volts to the plate with a resultant plate current as high as 0.4 ampere and an output as great as 800 watts. These tubes are so constructed as to provide for rapid radiation of heat and a large amount of power may be developed by operating several of these tubes in parallel. All Rights Reserved by United Feature Syndicate. Reproduction Forbidden.

### "The Steam Coal of Salesmanship"

Man, by taking thought, cannot add a cubit to his stature.

But he can by thought, and by concerted action on accurate conclusions, do much to add growth and give rejuvenation to his business, particularly in these times.

On the high seas of business, with a fair wind aft and the barometer steady, progression is an easy matter.

In heavy seas and against a headwind, the consumption of fuel must be greater. Then he should pile on the Steam Coal of Salesmanship—Daily Newspaper Advertising.

Then is the time to crowd on steam—to use Daily Newspaper Advertising with the greatest degree of confidence.

The Daily Newspaper is the medium of the moment—the axis of opportunity; flexible, powerful and instantaneous in its ability to create sales.

Advice as to the best ways and means of doing this will be given to those who inquire of us; or consult any recognized advertising agency—a list supplied on request.

Issued by Canadian Daily Newspapers Association.  
Head Office, Toronto.

Conserve if you will. Eliminate the tags of advertising—the barnacles that fasten themselves to your appropriation under the guise of publicity, but which are none other than philanthropy. Give more careful scrutiny to results and fire up in the Daily Newspapers.

The Daily Newspaper is the great natural and national advertising medium, and in proportion as you use it with skill and judgment, results will come.

### LOCAL NEWS

Band on Carleton Rink tonight. Excellent ice.

Ladies' fawn gaiters in many styles are here, \$1.50 to \$2.50 a pair. Percy J. Street, 311 Main street.

Exceptionally good bargains in ladies' fur-trimmed coats, velvet and durbans—regular \$37.50, sale price \$28.50. Also fresh shipment dresses from \$9.50 up. At Malasky's first cash raising and introductory sale. 12 Dock street. 8641-12-18

Unger's Laundry, Ltd., have installed up-to-date stationary tubs, and wash and iron all silks, fine flannels and all delicate articles entirely by hand. Give us a trial. Phone Main 58.

**ROYAL ARCANUM**  
St. John Council No. 188 meets Monday 11th, 8 o'clock, Market Building. Election of officers and important business. All members requested to attend. Geo. G. Wetmore, secretary. 8631-12-13

**AUTO OWNERS**  
Samuel Coughle has opened an auto repair shop on Main street, Fairville, in building formerly owned by Thos. Kerrigan. Phone W. 421-11. 8626-12-12

**A PRACTICAL HOUSEWIFE**  
will welcome an aluminum coffee percolator, worth regularly \$2, now offered for only \$1.49, at the special aluminum sale at Emerson & Fisher's. 12-14

**SEAMEN'S INSTITUTE.**  
Metagans concert Tuesday night, 8 o'clock. Prices as usual. 8667-12-18

Give Eveready Flashlights on Christmas. There's one for every member of your family. Get them from Emerson & Fisher's, Ltd. 12-14

**THE WEE CHAP.**

(I. C. R. in Toronto Globe.)

A manly wee chap, with his books in a

Says: "Mother, I'm now off to school;

Have dinner all ready, for I am a steady

At packing down meals as a rule."

A bythe little chap, so able and apt,

His lessons all over and done,

Was wondering just whether or not he

could ever

Make home on the jump and the run.

A steady wee chap, with his hand on his

cap.

Stood watching the traffic go past;

The street was to cross, with his mind

at a loss

To know should he go slow or fast.

Then the wee little chap says: "Here's

for the lap.

I can make it, I think, on the run!"

But, alas! for the speed of the gasoline

steed.

The wee life was over and done.

A mother all broken and saddened

came there.

Mutely asking God His Fatherly care.

That might soften the sorrow, no other

could share.

And the years all so hopeful, alas!

stricken and bare.

And where is the redress, and how

shall we solve

The no-account care of the life that's

involved?

No thought for others, with those

craved with speed.

A lifetime of servitude is what most

of them need.

**WORRIED OVER LAWSUIT.**

**FARMER TAKES OWN LIFE**

Oshawa, Dec. 11.—Worry, it is alleged, over notice of a legal action against him for \$5,000 caused John Samuel Marchington, a farmer resident about one mile east of Oshawa, to commit suicide by hanging himself in a barn on his farm.

Coroner Dr. F. J. Rundle of Oshawa, decided that an inquest was not necessary. Marchington was 29 years of age.

**THE EXODUS.**

(Toronto Globe.)

Our greatest export to the United States ever since Confederation has been well educated men and women, tens of thousands of whom have taken their places among the professional and business leaders of their adopted land. These men and women we cannot hope to replace, because opportunities for them in Canada are not numerous enough. In truth, we continue to spend

hundreds of thousands of dollars in

the education of our youth

who then go to the States

and become successful

business men and women.

It is a sad state of affairs

and one which we must

endeavour to remedy.

—The Editor.

# 57

### Good!

Heinz Spaghett! Good to eat and good for the health. Good for children and good for grown-ups. Good as an appetizer, good as a side-dish and good as a complete meal. The dry spaghetti is made by Heinz. So is the tomato sauce. The cheese is a special Heinz selection. The recipe by which it is prepared is that of a famous Italian chef.

### HEINZ Spaghett

Ready cooked, ready to serve

huge sums on the education of professional and business men and women in greater numbers than Canada is in a position to absorb. The exodus of the intellectuals will continue so long as Johns Hopkins needs an Oler or a Benker, railway construction a Jim Hill, literature a Bliss Carman, and political life a Franklin Lane.

**Poor Judgment.**

(London Observer.)

—The story is told that a well-known member of parliament, who is very near-sighted was out walking in the outskirts of the city and happened to forget his glasses. The regulation breeze was blowing at sixty miles an hour, and it proceeded to take the member's hat with it. He chased it madly down the road and every time he caught up with the hat it seemed to whisk out of his way. A citizen who was leaning over the fence yelled, "Hey! What you don't?" The member yelled back, "Can't you see I'm chasing my hat?"

"Go on," the citizen replied. "Your hat is over there under that hedge. That's my little black hen you're chasing."

**Question.**

"How many times do I have to tell you, Bobby, that one must keep his eyes closed during prayer?"

"Yes, mamma, how do you know I don't?"

**A FINE CONCERT.**

A very successful concert was given in the Seamen's Institute on Saturday evening by the Montcalm concert party

### ACCIDENT TO SANTA CLAUS

Old Man "Santa Claus" slipped on King street and dropped his bag containing all kinds of Toys, Gift Items, Cards and Tree Ornaments. They are now gathered together at Roche's in addition to the Kodaks, Pictures and Victrolas. Come and see if he has something for you. Store open every evening until Christmas. J. M. Roche & Co., Ltd., King Street. 12-18

### USE OF BEER AND WINES IN ITALY SHOWS INCREASE

London, Nov. 20.—(By mail).—The consumption of beer and wines in Italy shows a marked increase since the war, says an official return quoted in The Westminster Gazette. Venice heads the list of cities and towns, its total consumption for the last twelve months being equal to about 5,000,000 English imperial gallons. The people in northern Italy drank one-third as much again as those in central Italy and those in southern Italy a third less than the people of central Italy.

For the islands the return shows a sharp drop compared with last year. Sardinia was particularly abstemious, practically all of its wine being sold to Continental buyers.

### FIRST WOMAN MAKES HER DEBUT AT BAR IN BELGIUM

London, Nov. 22.—(By Mail).—Today, nearly a year after the passing of the bill giving women holders of the diploma of Doctor of Law the right to exercise the profession of advocate, a Belgian woman appeared for the first time in court as an advocate, says the Brussels correspondent of "The London Times."

A hairdresser, accused of having attempted to kill a woman, chose as his defender before the Assize Court of Brussels Mlle. Paula Lamy, a young woman advocate to twenty-seven. The entire bar attended to see her debut.

### IRELAND GOES FREE

(New York Tribune.)

It is a striking fact that two poets, William Butler Yeats and George Russell, are to sit in the first Senate of the Irish Free State. Here is a good symbol of that mystic beauty which has led Irish patriots onward to their present success, the actual launching of Ireland as a self-governing dominion.

The prayers and good wishes of Americans will follow the new ship of state. It has been through stormy waters in its years of trial. Rebellion still stalks its decks. Open water and fair winds still lie below the horizon. But it is the strength of a people bred in mysticism and the speech of poetry that the courage thrives on disaster.

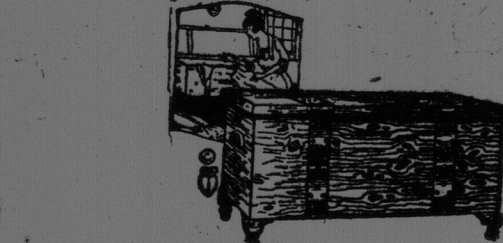
Only Irishmen could persist in a blind, misadventure as the followers of de Valera; only Irishmen could fight and fight still with the ruthlessness needed, such fanaticism.

After all, a little more poetry might not hurt some governments we could think of. George Russell, better known to his readers as "AE" is a student of land tenure, the greatest expert upon Ireland's vexed agricultural problems, as well as the creator of mystical verse among the best that modern Ireland has produced.

Ireland can be expected to mix poetry with her laws as long as she is Ireland. But who knows that she may not some day reach a state all the better therefor and, confounding all her prosaic critics, live as end the fairy stories, happily ever after?

**A FINE CONCERT.**

A very successful concert was given in the Seamen's Institute on Saturday evening by the Montcalm concert party



### Multiple Value In A Cedar Chest

Fragrance and freedom from moths and other apparel destroyers, and a dinky place to keep things—that is what you give in a cedar chest. And you give to yourself a bit when you decide on our prices—they save you.

If you can find the match of the forty-inch chest shown here at \$23.25 at this price—take it! And so with the other sizes, ranging in price from

\$17 to \$60

By two-year government test the cedar chest has proven deadly to insects and pleasant in odor. Cedar is known as the wood eternal; the cedars of Lebanon are famous in history, and here you have their counterpart in Tennessee Cedar. You won't find their equal quotations.

**J. Marcus**  
Furniture, Rugs  
30-36 Dock St.

### For A Truly Merry Christmas

Make this Christmas one of exceptional joy and happiness by gifts of our

**BEAUTIFUL FURNITURE**

Every housewife takes pride in her home, and nothing could please her more than

**ARTISTIC FURNITURE**

that will make it more attractive and comfortable every day in the year.

**XMAS DAY IN THE DINING ROOM**

How is your old Dining Room Suite? Come in and see our Dining Room Furniture at greatly reduced prices, and these suites will make the best Xmas gifts.

**XMAS GIFTS FOR THE KIDDIES—Slats, Frames, Blackboards, Toy Sets, Desks and Chairs, Baby Slings, etc. See our windows.**

**AMLAND BROS., LIMITED**

19 WATERLOO ST.

before a large and appreciative audience. The programme was of a wide range and provided a great deal of amusement. Many of the Montcalm party have performed here previously.

The chairman on Saturday night was W. Scott-Simpson, and those taking part were: The Montcalm Trio, Fred Trunks, H. Robertshaw, R. Smith,

Tom Parg, H. Smith, H. Pearce, Billy Ramage, George Ford, Billy Williams, J. Jones and Harry Collins. T. E. Brownrigg acted as accompanist.

High grade diamonds have been scarce in Europe during the last year.

Morocco is rich in iron ore deposits.

### Half Price Sale Georgette Blouses, \$2.98 Tomorrow



Enormous clearing of Christmas Blouses. Regardless of cost we are throwing in large quantities of beautiful Christmas Blouses at half price. They must be sold at once. Biggest bargain for Christmas Gifts we have ever offered in such a huge quantity and vast variety.

of simply exquisite blouses. Description is almost impossible. Lace trimmed, richly embroidered and beaded. Overblouses and tuck-ins; long or short sleeves; white, flesh, sand, navy, black, brown, grey.

**Tomorrow, Only \$2.98**  
Sale Commences at 8.30

**D'Alland**  
Blouses and Lingerie  
81 King Street