POOR DOCUMENT

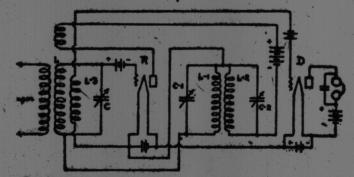
THE EVENING TIMES AND STAR, ST. JOHN, N. B., TUESDAY, DECEMBER 19, 1922

FIFTEEN MINUTES OF RADIO EACH DAY

By Edward N. Davis Formerly Technical Electrical Expert For U. S.

Lesson No. 185.

THE ARMSTRONG SUPER REGENERATIVE CIRCUIT RESISTANCE AND PLATE VOLTAGE VARIATION



may be used, these coils being shunted by the variable condensers (C-1) and (C-2) each having a capacity of 0.001 macrofarad. These condensers have a comparatively large capacity due to the necessity of providing a bypass for the high frequency oscillations which otherwise would be choked by the high inductive effect of the coils (L-1) and (L-2). These coils should be supported on a coll mounting so that the proper inductive relation may be obtained by varying the coupling.

The plate battery of the first tube should have a potential of 60 to 100 volts which the "C" battery or grid biasing battery may have a value of 6 to 10 volts with the negative terminal connected to the grid for the purpose of applying a negative potential to the grid. The plate battery of the second tube has a potential of approximately 120 volts and the grid biasing battery of this stube has a potential of 6 to 12 volts.

The incoming signals are impressed upon the tuned circuit (L) (C) and upon the grid of the tube (R) and are amplified by the regenerative action of the feed back coupling. The tuned circuit (L) (C) is connected in series with the tuned circuit (L-1) (C-1) which is coupled to the circuit (L-2) (C-2) connected in series with the tickler coll and by means of these circuits oscillations are produced which have a frequency of 10,000 cycles per second. The regenerative action and consequent amplification of

HIS MASTER'S VOICE

Blue Bird Tea BRINGS HAPPINESS

In The Light Of Xmas



Xmas Gifts for father, mother, brother, sister or sweetheart, in a large assortment to select from.

Willow Chairs and Rockers from \$10.00 up.

Leather Chairs and Rockers from \$12.00 up.

Smoking Stands, Ladies' Work Baskets, etc. For the kiddies, High Chairs and Rockers, Kiddie Cars, etc. See Our Windows

AMLAND BROS., LIMITED 19 WATERLOO ST.

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you wish to spend, -75c-\$1.50-\$1.65

- \$2.00 - \$4.00 or more, - you know you are giving the Best when you give "His Master's Voice" - Victor Records.

Any "His Master's Voice" dealer

will supply you with Records of your choice, packed in attractive boxes for

BERLINER GRAM-O-PHONE CO.; LIMITED MONTREAL

in your home this Christmas?

Will there be a Victrola

Christmas giving.

Filled Stockings 10c to \$1,00. Was

Band Arena tonight.

Felt kid patent and swede, cosy and boudoir slippers for ladies. Practically every style and color desired; all sizes and prices ranging from 98 cents to \$2.75, at The Quality Shoe Store, 107 Charlotte street.

Do your Xmas shopping at the Paddock Pharmacy. Large display to choose from. Prices right. \$7.50 Ivory Hair Brush for \$5.00.

Mahony's sale at both drug stores ntinues until Thursday.

Hockey boots make a useful Christ-has gift very much appreciated. Men's, romen's and boys in black and brown, igh and low cut, at reasonable prices t The Quality Shoe Store, 107 Char-

Store, 107 Charlotte street.

Nashua, N. H., Dec. 19.—The plant of the American Box and Lumber Company in the Edgeville district of Nashua was totally destroyed by fire last night. The loss is estimated at \$250, which they propose giving with cash purchases of \$1 and upwards on Tuesday and Wednesday till the 1,000 rasors are all gone. These rasors are real "He Man" razors—not experiments, but regular razors that will last for years with the purchase of a few blades, now and then. There are hundreds of thousands of these razors giving daily satisfaction all over America — the blades can be bought at almost any hardware or drug store. You need have no hesitation in passing one of these razors along as a present—with an extra package of blades, they make a real present. Get your early. 12-20

Make him comfortable with a pair

Headaches from Slight Colds

The Tonic and Laxative Effect of Laxative BROMO QUININE Tablets soon relieve a Headache caused from a Cold. The box bears the signature of E. W. Grove. (Be sure you get BROMO.) 80c. Made in Canada.

Sears took a prominent part in the conference pointing out the evil and the remedy.

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AT REAL EXTRA VALUE PRICES

Prices on practically all our lines of Cutlery equal pre-war figures. Of particular interest to the gift-seeker are our SPECIAL CASED CARVERS

made byone of the good old standard English cutlers; and spelndid value they are at \$5.00. Many others there are, ranging up to \$18.50.

STAINLESS STEEL CUTLERY

will be a most practical and appropriate gift for the housewife, who will welcome cut-lery which will not discolor when used to cut acid foods and saves hours of hard work in polishing. In Stainless Cutlery we offer

SPECIAL DESSERT KNIVES from \$9.25, to Table Knives at \$10.75.

POCKET KNIVES are keenly appreciated by men and boys alike, for a Pocket Knife, even though it be an extra one, always comes in handy. In these we offer

VALUES THAT DEFY COMPETITION 35c, 50e, 75c and \$1.00

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Practical Xmas Gifts At Barrett's At Dollar Day Prices

This list will help to solve your gift problem. Read it over carefully:

ALUMINUM WARE Round Roasters, \$1.59, \$1.95, \$2.85 Oval Roasters, \$3.25, \$3.85, \$4.45

\$3.25, \$3.65, \$4.45

Coffee Percolators, \$1.25, \$3.75, \$4.75

8 Qt. Tea Kettles. \$2.75, \$3.25

Tea Pots with Tea Ball. \$2.50

8 Cup Tea Pots ... \$2.35, \$2.95



1 1-2 Qt. Casseroles \$2.75
8 Qt. Potato Pots \$2.50
10 Qt. Preserving Kettle, \$1.39
1, 2, 3 Qt. Sauce Pans, 35c, 60c, 75c
Steel Wool Alum Cleaner .15c

Steel Wool Alum Cleaner .15c

STERLING

WHITE ENAMEL WARE

Oral Self Basting Roasters ... \$2.75
Tea Pots 4 and 6 cups ... \$1.25, \$1.40
Coffee Pots 6 and 8 cups ... \$1.25, \$1.40
Dish Pans 14 and 17 qts ... \$1.50, \$2.00
Mixing Bowls 75c, 90c, \$1.25
Large Child's Baths ... \$1.59
Pudding Pans ... 50c

BLUE STEEL SELF BASTING

When Buying the Above Gifts You Pay For the Article Only and Not For the Trade Mark.

When You See These Goods You Will be Convinced of Their Value. SHOP EARLY

\$60

Glenwood Ranges

D. J. BARRETT 155 Union St.
Pipeless Furnaces

D. J. BARRETT St. John, N. B. Store Open Every Evening Until Xmas.



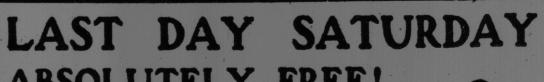
For all diseases of any part of the body, lumbago, sciatica, neuritis, stiff joints or muscular pains or soreness, see Dr. TALBOT, the expert drugless physician, whose scientific treatment of such troubles has met with phenomenal success. DR. TALBOT is at his office, 50 King square, St. John, every Monday, Friday and Saturday.

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The Ideal Christmas Gift This generous offer closes sharply at 6 p.m. Dec. 23. So act without delay. 'Phone, write or call and we will deliver to you, without one penny's expense, our newest model Eureka Vacuum Cleaner. It is yours for three days, use it on your carpets, rugs and upholstery and see how bright and new it instantly makes them. If you want to keep the Eureka, then you pay

ONLY \$5.00 DOWN Balance in Easy Monthly Payments

This liberal easy payment gives you a chance to own the New Eureka on the very easiest terms. But you must hurry. Our supply of cleaners is limited, and remember SATURDAY NIGHT, Dec. 23, this offer will be withdrawn. So you must act to avoid disappointment. 'Phone, write or call today.



