

THE "BEST" FOOT POWDER

- Anti-Swell
- Anti-Pain
- Anti-Tired
- Anti-Perspiring
- Anti-Corn

DOES ALL AND MORE THAN ANY OTHER FOOT POWDER

25 Cents

L. T. Best
Druggist

FOR SALE

- \$1200 Frame, 6 rooms, toilet, central, deep lot.
- \$2200 Frame, 6 rooms, toilet, electric light and gas.
- \$3200 Frame, 6 rooms, electric light, garden.
- \$2600 Frame, 7 rooms, electric light, gas and furnace, central.
- \$2800 7 rooms, frame, 3-piece bath, electric light.

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Genuine Amber Strings

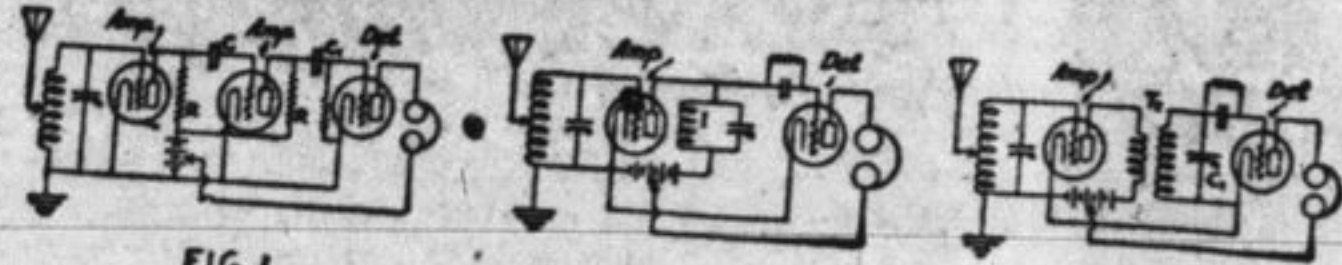
We are showing some very attractive necklets of

GENUINE AMBER

The price of this very attractive Ornamental Bead is steadily coming down.

Some of these Strings suitable for Young Girls, are priced as low as \$4.00

Others larger, and in greater lengths, up to \$25.00.



Radio Amplifier Coupling Methods.

Yesterday we discussed methods of coupling employed in coupling successive stages of audio amplification and outlined the advantages and disadvantages of each method. Today we will discuss coupling methods in radio frequency amplifiers. Generally speaking, the statements made with respect to audio amplifier coupling methods may be duplicated more or less entirely for radio amplifiers. Except for the necessary changes in inductance values in the case of the choke coil and transformer couplings the same systems as were described for audio amplifiers are used for radio frequency amplification.

In Fig. 1, is shown a resistance coupled radio frequency amplifier. In connection with audio amplification yesterday we mentioned that the resistance method had only one advantage, that is, it amplified evenly over the audio range. In short wave radio frequency amplification it loses even the advantage of amplification, because resistances do not begin to show any really worthwhile amplification until they are used for wavelengths above 1,000 meters. At 300-500 meters the amplification is almost nil.

In addition, owing to the presence of the "protective" condensers C and C-1 between each stage, there is a possibility of partial detection occurring in the amplifier itself several stages before the detector is reached.

Choke coil coupling is very popular, although, like the resistance, it necessitates a protective condenser in each amplifier grid lead if more than one stage is used. Choke coil coupling gives about as much amplification as any other system, but unfortunately, owing to resonance effects, it is almost impossible to operate more than one stage with any degree of success.

Under the heading of the choke coil amplifier we will mention the superdyne circuit, which is simply an impedance coupled amplifier with a reverse tickler for controlling oscillation. Despite exaggerated claims sometimes made for the superdyne it will be found generally to be superior to a properly operated simple tuned choke amplifier, as illustrated in Fig. 2.

As with the audio amplifier, transformer coupling is the most satisfactory means of coupling radio frequency stages. But where in the audio transformer we had only the iron-core, broadly-tuned transformer, in radio frequency transformers we can use either the iron core untuned, or the air-core tuned type. Of the two the air-core tuned type is by far the more satisfactory, although to be easily operated it is usually necessary to use some system, as the neutrodyne system to stabilize the amplifier and keep it from oscillating when the successive stages are tuned to resonance.

If the neutrodyne arrangement is used, however, it is a good policy to leave the stage next to the detector "un-neutralized," as described in previous articles, so that the full benefits of regeneration may be secured.

NORTHBROOK NOTES.

An Interesting Budget From a Far North Point.

Northbrook, Aug. 4.—Huckleberries are in their prime and buyers are plentiful with berries abundant south of us. Mr. and Mrs. S. G. Both, Winchester, are again at their home at the Ore Chimney mine. C. C. Thompson is erecting a double tenement house on Main street. Mr. and Mrs. H. Saul motored to Ottawa for the week-end. Many are going west on the harvest excursions, among those being Mr. and Mrs. Ezra Lloyd; Mr. and Mrs. Peter Lloyd, Mr. and Mrs. Carman Cassada and others.

Percy Otten, Kingston, is making his regular rounds, representing W. J. Crothers Co. Fred Sedore, Bridgewater is sawyer at J. Vogan's mill. Henry Lloyd is gaining after a serious illness. Mrs. Gordon Wood is visiting her mother, Mrs. J. Parks, Toronto.

Mr. and Mrs. J. L. Lloyd were callers at Bannockburn. Mrs. John St. Marie, Toronto, is at her parents, Mr. and Mrs. Robert Armstrong, Mr. and Mrs. Earl Miller have gone to Point Anne, where Mr. Miller has a position. A few friends of Rev. Mr. Yull gathered Friday evening at the White house, Ore Chimney mines and spent a pleasant time celebrating Mr. Yull's birthday.

Mr. and Mrs. C. C. Thompson spent Sunday at Harlowe with his brother, Manley, Flint, Mich. Mr. and Mrs. R. Erwin and Miss Estella Smith have returned to Belleville after a short visit with Mrs. J. Smith. Many tourists go north to the various lakes, where fish seem very plentiful, many being caught over ten pounds weight.

Mrs. William Both, Sr., is in very poor health. Robert Paul, Selby, purchased a gasoline tank and pump from C. C. Thompson. Miss Keitha Loucks is spending the week-end with her parents at Harlowe. A. Cummins, Buffalo, N. Y., spent a few days at the Ore Chimney mines watching developments.

Swarming on Beautiful Lakes. Stone Road, Aug. 5.—A number of farmers have completed haying and report a good crop. The gardens are looking good, owing to the frequent showers. F. McNally has improved his residence with a fresh coat of paint. Messrs. Grother and Dier, Newboro, doing the painting. Mrs. Frances Atkinson and daughter, Doris, accompanied by Edith Lee, returned to Toronto after an extended visit at Mrs. E. Gibson's. W. S. Bedore, Rochester, N.Y., called on friends last week. Miss Emma Brash went to Rochester, N.Y., to visit her mother, Mrs. M. A. Brash. A number of campers pass through here every day to and from the beautiful lakes in the vicinity. Oliver McNelly is spending a few days at the homestead.

Ross Parker, formerly of Clayton, N.Y., was married on July 30th, to Miss Virginia Hoffman, Front Royal, Va. They will live at Miami, Fla., where he has just completed a new home.

On Aug. 4th. at Belleville, Mrs. John Whalley (Amanda Barton), aged 86 years, passed away. Her remains were taken to Napanee for burial. Campbellford bakers raised the price of bread two cents per large loaf.

RADIO BROADCASTING

The following is a list of radio stations and their broadcasting programmes which may be heard locally on Thursday:

KDKA (920 kfo.) Pittsburgh, Pa. 2.15 p.m.—Baseball scores, inning by inning.

5 p.m.—Baseball scores. 5.30 p.m.—Dinner concert by the KDKA Little Symphony orchestra.

6 p.m.—Baseball scores; dinner concert continued.

6.30 p.m.—"Come, Little Miss Merry Heart, sing us some songs" — the children's period.

6.45 p.m.—News bulletins. 7.15 p.m.—Farm programme arranged by the "National Stockman and Farmer."

7.40 p.m.—"Stockman" report of primary livestock markets, including grain, feed, cotton, sugar, wool and produce.

8 p.m.—Concert by the KDKA Little Symphony orchestra.

10 p.m.—Concert.

WBEZ (337) Springfield, Mass. 5 p.m.—Leo Reisman Hotel Lenox Ensemble.

5.30 p.m.—Songs by Bill Coty and Jack Armstrong.

5.40 p.m.—Leo Reisman and his orchestra.

6 p.m.—Results of games played by the Eastern, American and National leagues.

6.05 p.m.—Market reports as furnished by the United States department of agriculture at Boston.

6.30 p.m.—Bedtime story for the kiddies.

8 p.m.—Concert.

WGY (380) Schenectady, N.Y. 11.55 a.m.—Time signals.

1 p.m.—Music excerpts from "Pinafore."

5 p.m.—Produce and stock market quotations, news bulletins, baseball results.

5.30 p.m.—Organ recital.

7.40 p.m.—Baseball scores.

WJZ (455) New York City. 1 p.m.—Nathan Abas Hotel Pennsylvania orchestra.

5.30 p.m.—State and Federal agricultural sports; far and home reports; closing quotations of the New York stock exchange; foreign exchange quotations.

7 p.m.—Gotham Hotel Concert orchestra direct.

8.30 p.m.—Estey organ recital.

9.15 p.m.—United States army night; Major General Robert Lee Bulard, speaker; music by U. S. army band.

10.30 p.m.—Waldorf Astoria dance orchestra direct from Waldorf Astoria roof. Joseph Knecht, director.

Complete radio programmes sold at Canada Radio Stores.

William T. Thompson, died in Watertown, N.Y., on Saturday. He was born in Perth, Ont., in 1854 and was seventy years of age. One sister, Mrs. Annie Martin, resides in Perth.

Plans for a regatta, to be held the latter part of August or as early in September as possible by the Pembroke Aquatic Club, are being developed.

A REDUCTION

The Civic Utilities reduced the price of gas for cooking a short time ago. We have a Gas Range to meet every pocket.

- (A) 3 Burner Low Oven Gas Range \$22.00
- 3 Burner Low Oven Gas Range—large burners \$30.00
- " 3 Burner Low Oven Gas Range—large burners, N. P. trim \$33.00
- " 4 Burner Low Oven Gas Range—large burners, enamel top . . . \$40.00
- " 4 Burner Cabinet Range, N. P. top and white enamel \$85.00

McKelvey & Birch, Limited

General Contractors, Heating Specialists, Steam Fitters and Plumbers, Jobbers of Plumbers' and Gas-Fitters' Supplies, Stoves, Sinks, Hovv and House Furnishing Hardware, Tools, Oils, Etc.; Suppliers, Sheet Metal and Tin Work; Electric Work; Painting and Paper Hanging; Special work of all kinds undertaken.



THE DIFFERENCE SHOWN

Perhaps you've thought that there is no difference in the appearance of a European president and the president of the United States. This is the official photo of President Doumergue of France. Notice the sash and other trappings of office.

William Wood has been awarded the contract for the collection of garbage under the new garbage system recently introduced into Smith's Falls.

Every act is to be estimated by the intention of the doer.

Delahey's Limited, Pembroke, a leading mercantile concern, has assigned, as well as the Pembroke Plywood & Veneer Co. The Delahey business was established in Pembroke in 1865 by the late Robert Delahey.

PROBS:—Thursday, westerly winds, showers at first then clearing.

THURSDAY

AT STEACY'S

In conjunction with our August Sale of Home Furnishings we offer as an added feature for to-morrow morning—

Double Discount Stamps!

From 9 to 1 O'clock

Shop early to-morrow and take advantage of this sale event as well as participating in the following special attractions.

Genuine Gold Seal Congoleum Art Rugs

AT THE LOWEST PRICES EVER QUOTED!

50 of these handsome, guaranteed Floor Rugs so easy to clean and so fine in appearance. In a full range of sizes, patterns and colorings:

Size 3x9 ft.	Reg. \$4.50	Sale Price \$3.48
Size 4 1/2 x9 ft.	Reg. \$6.75	Sale Price \$4.98
Size 6x9 ft.	Reg. \$9.00	Sale Price \$6.95
Size 7 1/2 x9 ft.	Reg. \$11.25	Sale Price \$8.48
Size 9x9 ft.	Reg. \$13.50	Sale Price \$9.98
Size 9x10 1/2 ft.	Reg. \$15.75	Sale Price \$11.48
Size 9x12 ft.	Reg. \$18.00	Sale Price \$12.98
Size 9x13 1/2 ft.	Reg. \$20.25	Sale Price \$14.48
Size 9x15 ft.	Reg. \$22.50	Sale Price \$16.98

Take advantage of these unprecedented low prices and secure your Fall requirements to-morrow.

NEW FALL COATS

You need one of these Fall Coats right now for immediate wear, and you will find them perfectly suitable well into the winter. Beautifully made of lovely soft fabrics with and without fur. They are certain to appeal to women of discriminating taste.

AT POPULAR PRICES THROUGHOUT!

STEACY'S - Limited

'Kingston's Shopping Centre'