

PROBS:—Wednesday, moderately to fresh winds, unsettled with local thunderstorms.

Starting Wednesday

Steacy's August Sale

House Furnishings

This is an important sale event to every householder and continues for four days with added attractions daily.

Rugs and Mats

Our entire stock with no reservations, in a complete range of sizes from the smallest mat at \$1.00 up, to the largest Floor Square at \$125.00. All the newest patterns in Rags, Tapestries, Velvets, Brussels, Orientals, Axminsters and Wiltons.

In a wonderful variety suitable for any room in the home to choose from. Every article marked in plain figures.

Sale Price Less 25%

Automobile Rugs
\$9.95 ea.

12 only, Caldwell's 100% pure Wool Auto Rugs—plain with Plaid Reversible Backs—in all the wanted shades. These are special values at \$15.00 each.

Drapery Chintz
48c yd.

500 yards of Imported English Drapery Chintz, in a host of handsome, new patterns and colorings, in light and dark tones. Regular 75c. and 95c. a yard to clear.

Novelty Curtains

350 pairs of Novelty Curtains in Voile, Marquisette and Scrim in White, Ivory and Ecu. The regular prices range from \$2.75 all the way up to \$18.50 a pair. The original ticket on every pair—to close out at half price or re-marked from

\$1.38 to \$9.25 a pair

Rubber Stair Treads

Made of best quality Rubber with corrugated surface at the following special prices:
Size 7½x18 in. 15c. each
Size 9x18 in. 20c. each
Size 9x24 in. 29c. each
In Grey or Mahogany shades

White Madras

69c yd.

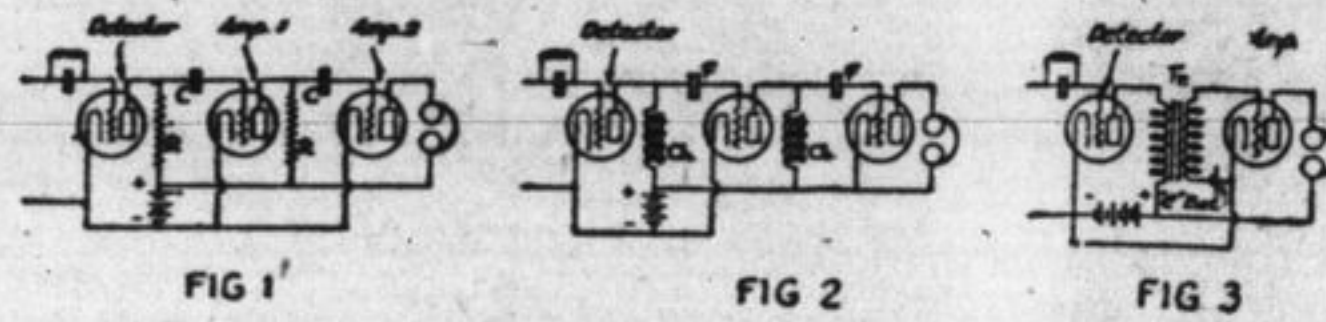
300 yds. of imported Scotch Madras with well covered patterns; full 45 inches wide and considered an exceptional good value at \$1.15 a yd.

JUST ARRIVED—READY WEDNESDAY!

A large showing of advance models for Fall and Winter, in SUITS and COATS. We invite your leisurely inspection.

STEACY'S - Limited

"Kingston's Shopping Centre"



Methods of Coupling Audio Amplifiers

Radio listeners are practically all familiar with several types of coupling used in audio frequency amplifiers, but do not always seem clear as to the advantages and disadvantages of each. This article will discuss the three common methods employed in coupling successive stages and will list the uses and advantages of each kind.

The simplest form of coupling is resistance coupling, illustrated in Fig. 1. It consists in inserting a comparatively high resistance between the successive stages as shown. Anything from 50,000 to 100,000 ohms will be found satisfactory with any of the tubes now on the market. The advantage—for it only has one—of the resistance amplifier is that it gives practically distortionless amplification throughout the entire audio range. For the person who wants quality it is doubtful if the resistance amplifier could be improved upon.

Unfortunately there are some disadvantages to the resistance which are mainly responsible for its lack of popularity. First, the resistance cuts down the effective "B" battery voltage which eventually gets to the plate, so that, for instance, although we may have 100 volts of "B" battery in the circuit only 60 volts of this will be able to "push through" to the plate of the tube, the loss occurring in the resistance. Another disadvantage is that the resistance coupling itself does not amplify, so that only the tube amplification is obtained, and this is usually not very great. Three stages of the average resistance amplifier will usually be found no stronger than two stages of transformer coupled.

The second kind of coupling is the

"impedance" or choke coil type, illustrated in Fig. 2. About the only advantage of choke coil coupling over the resistance coupling is that the choke coil presents no serious resistance to the "B" battery current, so that we do not have the power losses in the plate circuit that occurred in the case of the resistance amplifier just discussed. Chokes may be audio frequency transformer secondaries, and are subject to the same faults of uneven amplification if a poor choke is used.

In the case of both the resistance and choke methods, it is absolutely necessary in successive stages of amplification to insert the condensers "C-C" in Fig. 1 and "F-F" in Fig. 2, to keep the heavy "positive" potential from the "B" battery from getting on the grid of the following tube. Such a heavy positive potential would make the set inoperative. The most popular form of coupling is the transformer, illustrated in Fig. 3. The main advantages of the transformer is that it is possible to use a "step-up" ratio between primary and secondary, and thereby realize greater amplification (with a given value of "B" battery) than with either of the previously mentioned types. The disadvantage is the possibility of distortion, especially when the higher ratios, such as ten-to-one, are used. Low ratios are usually much safer from a quality standpoint, although naturally giving less amplification.

It is almost impossible to give constructional data for chokes or transformers that will give good amplification curves. Even the commercial companies find that it is usually a "cut and dry" process.

RADIO BROADCASTING

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

- WLW (423) Cincinnati, O.
4 p.m.—"Shut In" programme by the Dunning Benevolent and Musical Service.
8 p.m.—Popular music presented symphonically by the Virginia Entertainers.
9.30 p.m.—Concert programme by the Wurliitzer Instrumental trio.
- KDKA (920) Pittsburgh, Pa.
2.15 p.m.—Baseball scores, inning by inning.
5 p.m.—Baseball scores.
5.30 p.m.—Dinner concert by the Pittsburgh Athletic Association orchestra.
6 p.m.—Baseball scores; dinner concert continued.
6.30 p.m.—"Uncle Remus comes with a story"—the children's period.
6.45 p.m.—News Bulletins.
7.40 p.m.—"Stockman" report on the primary livestock markets, grain, feed, cotton, sugar, wool and produce.
8 p.m.—Concert by the Hungarian Singing Society.
- WBZ (337) Springfield, Mass.
5 p.m.—Dinner concert by the WBZ Trio.
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.
6.40 p.m.—Concert by the WBZ Trio.
8 p.m.—Concert by William Howell, baritone; Juliette Houle, accompanist, from the Hotel Brunswick studio, Boston.
8.30 p.m.—Copley Plaza Dance Orchestra.
10.30 p.m.—Leo Reisman and his Hotel Brunswick Orchestra.
11 p.m.—Songs by Bill Coty and Jack Armstrong.
- WGY (390) Schenectady, N.Y.
5 p.m.—Produce and stock market quotations; news bulletins, baseball results.

WELLINGTON TIDINGS

Burials in the Cemeteries of Old Persons—Pictures Are Numerous.

Wellington, Aug. 4.—On Monday last a team of horses, belonging to Willard Ainsworth, Christian street, took fright at the station and ran away going down to Main street crossing and on into Mrs. J. S. Hill's yard and on to the verandah, taking out two posts and breaking the floor and causing considerable damage.

The funeral of the son of Peter Pulver, Detroit, who, on Monday, was shot in his drug store by bandits took place at Rednersville, on Wednesday, at the home of Mrs. Pulver's parents, Mr. and Mrs. Ashton. The funeral was largely attended, interment at Albury cemetery.

Wellington Park is an ideal spot for picnic parties. On Wednesday, July 23rd Star In East Lodge, from Belleville, had its picnic in the park. Mr. and Mrs. Squire, after visiting Miss Weider, returned home on Monday. Mrs. Mary Boyd will remain a few weeks longer with her sister. Mr. and Mrs. John Free from Frankford spent the week end in Wellington and attended the Friend's meetings. This appears to be the picnic week. Star In East Lodge, Methodist Sunday school, also Anglican Sunday school, all had their picnics at the Sand Banks.

The friends of Mr. and Mrs. Frank Cornell are pleased to welcome them again in our village. Mr. Cornell was principal at the Wellington school thirty years ago. He is now pastor at the Friends church, Winchester, Indiana. Mrs. Cornell is a sister of Mrs. Sanger Harris. The reverend gentleman conducted service at the Methodist church on Sunday evening.

Miss Mary Wister, Cleveland, Ohio, has joined her sister, Miss Anna Sagor and they are spending the summer with Mrs. Chislette, Dr. William Gerratt and Mrs. Garratt, Yonkers, N.Y., and Mr. and Mrs. Frank, North Bay, also Jack Garratt and wife and daughter are also staying at Mrs. Chislette's. Mrs. William Best is seriously ill; her two sons from Toronto and Brighton are visiting here. Miss Greta Adams, Philadelphia, is visiting relatives in the county.

Mrs. James Battley, who was in her seventy-sixth year, passed away on Saturday, July 26th. The funeral service was at the Anglican church, on Tuesday, July 29th, and interment at Picton cemetery. Her husband survives, also two sons and four daughters. Isaac Jones is still confined to the house. His son David from Buffalo and sister, Mrs. George Cook, Toronto, are the guests of Mr. and Mrs. Jones.

Miss Waller, Toronto, is visiting here. Mrs. (Rev.) Empringham and son, Yonkers, N.Y., are guests of Mrs. L. A. King. Mr. and Mrs. John Beel have motored to Elgin county to visit relatives. Mrs. Thomas Hardy has gone to Walkerville to visit her daughter, Mr. and Mrs. Claud Trekey.

Miss Molly Crock, Yonkers, N.Y., is the guest of Mr. and Mrs. Benjamin Hubbs. Mrs. Williams and daughter, New York, (nee Sadie Forsha), is visiting Mr. and Mrs. G. Murphy. William Collier, is visiting his daughter, Mr. and Mrs. Frank O'Doyton, Toronto. Mrs. Sarah Tice is visiting at Detroit.

Late Sir Edmund Osler, Toronto, Aug. 5.—One of Canada's foremost figures in the financial world, and the last survivor of four famous brothers, passed away at 12.25 a.m. Monday in the person of Sir Edmund Osler. Sir Edmund, who was in his 79th year, had been ill for several weeks, he having failed to rally after an attack of pneumonia. Deceased represented West Toronto for many years in the Dominion Parliament as a Conservative.

THE "BEST" FOOT POWDER

IS
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

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.

SMITH BROS
JEWELERS
LIMITED
ESTD 1848
King St. Kingston

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.

Bateman's Real Estate
111 1/2 BROCK ST., KINGSTON
Telephone 1925F.

MILLER'S WORM POWDERS
RELIEVE THE RESTLESS CONDITION BROUGHT ON BY THE PRESENCE OF WORMS; AND RESTORE THE CHILD TO NORMAL HEALTH.
NO NARCOTICS—PLEASANT AS SUGAR

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, Shell, Heavy and House Furnishing Hardware, Tools, Oil, Etc.; Supplies, Sheet Metal and Tin Work, Electric work, Painting and Paper Hanging. Special work of all kinds undertaken.

NINTH of the series dealing with the establishment of the BANK OF MONTREAL at representative points in CANADA and elsewhere



FOR many years the Bank of Montreal has played an active and constructive part in the banking and business relations between Canada and the United States.

In 1857 the Bank established its own office in New York and today its Agency at 64-68 Wall Street holds a leading position among foreign financial institutions represented in that city.

In 1861 the Bank's Chicago Office was opened to care for extensive Western business. Today, at 27 South La Salle Street, Chicago, the Bank is participating actively in banking affairs. In San Francisco and at Spokane the Bank also has its own office.

BANK OF MONTREAL
Established over 100 years
Total Assets in excess of \$650,000,000