

# Columbia Records

## 75c

10 inch

Columbia 10-inch Records formerly 85c are now 75c. At this popular price Columbia offers the newest and best in dance, song and band music—recorded on "Velvet Tone" records.

### November Records Now Ready

#### Dance Music

- Early in the Morning and Dixie Highway—Fox-Trots, Ray Miller and His Orch. A-3690 75c
- Tricks and Are You Playing Fair—Fox-Trots Eddie Elkins' Orchestra A-3688 75c
- Hot Lips and I Love You, Sweet Angelina, from "Strut Miss Lizzie"—Fox-Trots Ted Lewis and His Band A-3676 75c
- Coal Black Mammy and Tempting (Gumble and Monaco) Fox-Trots Eddie Elkins' Orchestra A-3697 75c
- Mary Ellen and Who'll Take My Place (When I'm Gone) (Fasoli) Fox-Trots Ray Miller and His Orchestra A-3695 75c
- Don't Bring Me Posies and State Street Blues—Fox-Trots Frank Westphal and His Rainbo Orch. A-3693 75c
- Wonderful You—Fox-Trot Ray Miller and His Orchestra A-3699 75c
- Suspense—Waltz Prince's Dance Orch. Incidental Singing by Lewis James A-3698 75c
- Thru' the Night and Love's Lament Waltzes Prince's Dance Orchestra A-3681 75c
- Hawaiian Nightingale—Waltz (De Leath) and Isle of Zorba—Fox-Trot Nurnberg-Hagen Klyphon Solo, Jess Libonati A-3680 75c

#### Popular Songs

- Oh I Is She Dumb and Susie—Comedian Eddie Cantor A-3682 75c
- Call Me Back, Pal O' Mine—Tenor Solo Lewis James A-3686 75c
- While the Years Roll By—Male Quartet Critterion Quartet A-3694 75c
- I'll Stand Beneath Your Window Tonight and Whistle—Comedian Al Johnson A-3692 75c
- When You and I Were Young Maggie Blues—Comedians Van and Schenck A-3699 75c
- I'm Nobody's Gal, from "Strut Miss Lizzie" and Sweet Man O' Mine—Comedienne Dolly Kay A-3697 75c
- My Honey's Lovin' Arms and I Wish I Knew (You Really Loved Me) Ray Miller's Novelty Orch. Acc., Tenor Solo Frank Crumit A-3699 75c
- Nellie Kelly I Love You Intro, "The Voice in My Heart" from "Little Nellie Kelly" (Medley Waltz) Prince's Dance Orchestra A-3698 75c
- You Remind Me of My Mother from "Little Nellie Kelly" Tenor Solo Charles Hart A-3696 75c
- Sugar Blues and The Meanest Man in the World (Mildred's Blues) Comedienne and Jazz Band Leona Williams and Her Dixie Band A-3696 75c

#### Opera and Concert

- La Gioconda, "Voc di donna, o d'angelo" (Voice of Angel or Mortal) (Ponchielli) Contralto Solo Jeanne Gordon 80185 \$1.00
- Where My Caravan has Rested (Lohr) Soprano and Contralto Duet Rosa and Carmela Ponselle 80992 \$1.50
- Magic Flute, "Possente Nunt" (Oh Isis and Osiris) (Mozart) and Nabucodonosor, "Del futuro nel buio disonoro" (The future o'ercast I see) (Verdi) Bass Solo Jose Mardones A-4220 \$1.45
- Scenes de la Carida, No. 12 (Hubay) Viola Solo Duci de Kerekjarto 49999 \$1.50
- Cradle Song (Brahms Grainger) and Spoon River (American Folk Song) Piano Solo Percy Grainger A-3685 \$1.00
- Sally in Our Alley (Bridge) and Cherry Ripe (Bridge) Instrumental Quartet London String Quartet A-3677 \$1.00

#### Vocal and Instrumental

- I Loves You Mister Coon and De Colored Barbecue—Baritone Solo by Harry C. Browne Orchestra and Banjo Accompaniment A-3678 75c
- Princeton Songs—Medley No. 1. 1.—The Orange and the Black. 2.—Steps Song. 3.—Princeton Cannon Song March (Carter '85, Hewitt and Osborn '07) and Princeton Songs—Medley No. 2. 1.—Princeton Forward March. 2.—Princeton Jungle March. 3.—Going Back to Nassau Hall, (Clark '05) Male Quartet Shannon Four A-3691 75c
- Kitten on the Keys (Conroy) and A Bunch of Keys (Richman) Piano Duets Frank Banta and Jack Austin A-3687 75c
- The Blackbird (Irish Song Dance) and Medley of Irish Reels: 1.—The Bag of Potatoes. 2.—Temple House Reel. 3.—Pigeon on the Gate. Ennis, Morrison and Muller, Irish Pipes, Violin and Piano Trio A-3679 75c

COLUMBIA GRAPHOPHONE COMPANY, TORONTO

Buy These and All Your Columbia Records at

C. W. LINDSAY Limited,

121 Princess St.

Kingston, Ont.

You Can Buy a Columbia Grafonola (Table Model) for \$37.50.

## Treadgold's Sporting Goods Co.

Agents for Columbia Records



### A Big Bar

A full-size, full-weight, solid bar of good soap is "SURPRISE." Best for any and all household use.

For use in washing machines shave or slice a portion of the "SURPRISE" bar direct to the machine.—It will do fine work.

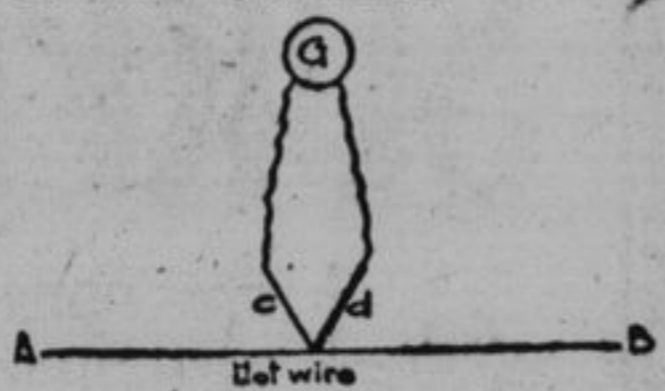
Visiting in Kingston. Mrs. V. English, Alliston, has been visiting some of her old friends in born and raised. She has read the Whig over sixty years.

## RADIO DEVELOPMENT

BY LIEUT. JOHN R. IRWIN  
U S AIR SERVICE (RESERVE)

### MEASURING INSTRUMENTS.

The thermocouple type of ammeter utilizes the fact that when the junction of two dissimilar metals is heated an electromotive force is developed. A pair of metals used for this purpose is called a "thermocouple." The value of the emf. depends on the combination of metals and ordi-



Principle of Thermal Ammeter using Thermocouple

narly increases directly as the temperature is increased.

In the diagram below the thermocouple consists of two wires, G and D, and their junction is in contact with the hot wire AB, in which the radio frequency current is flowing. The emf. produced by the heat at the junction is applied to G, which is a delicate instrument, either galvanometer or millivoltmeter, and causes a pointer to deflect. In the diagram the thermo-

couple is made to appear separate from the rest of the instrument: in commercial ammeters the thermocouple and the indicating instrument are placed inside the same case and the scale is made to read the amperes in the radio frequency circuit.

When a hot wire instrument is needed for currents of more than a few amperes, it is not practicable to build it with a single heating wire. This is true both for expansion and for the thermocouple type. Several hot wires or strips are therefore used, arranged cylindrically so that the radio currents divide equally among them. Then, either the effect on one of them alone is used to operate the indicating mechanism, or if thermocouples are used, the emfs. of several can be combined in series, so that their effects are added.

On some of the older radio equipments instruments are found which are incorrectly called "watt meters." They are, as a matter of fact, simply ammeters in which the scale, instead of being marked in amperes, is marked proportionately to the square of the number of amperes. They are properly called "current square meters." (Continued in next issue.)

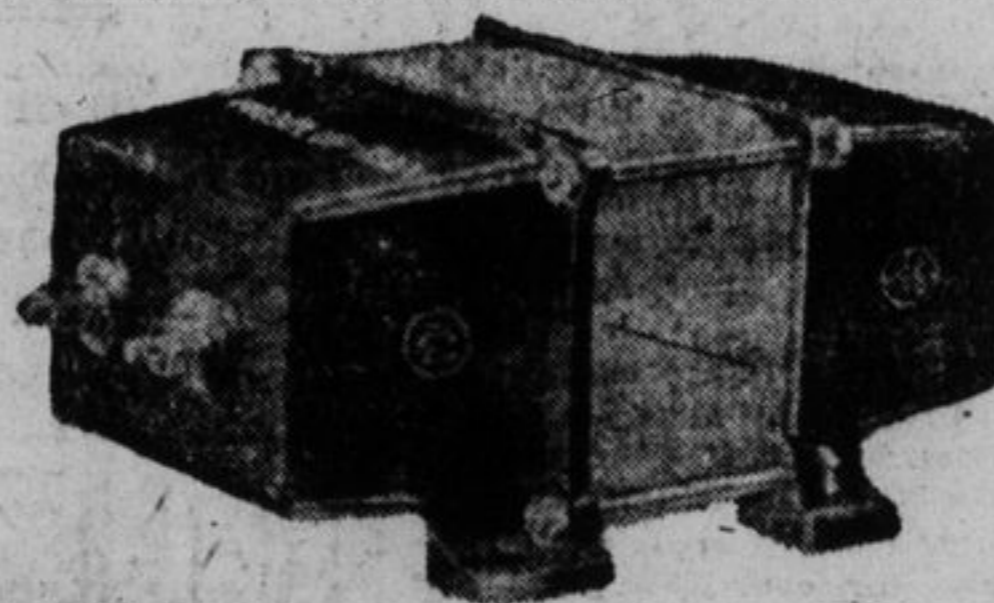
## APPARATUS AND DEVICES

By RALPH BROWN, RADIO ENGINEER

### FILTER REACTORS.

When the plate circuit of a value transmitting set is energized by high voltage rectified A.C. a suitable filter unit, to smooth out the rectified pulses, or commutator rippler must be provided. It has been customary heretofore to provide a relatively small in-

ductance unit in combination with a group of condensers of rather large capacity. It is more economical, however, to provide a large inductance unit and a relatively small group of condensers, and as a consequence the reactor shown in the illustration was designed for the purpose.



Will readers interested in these radio articles kindly communicate with the editor by mail?

## WOLFORD CIRCUIT HAS CENTENARY

Owed its Origin to Labors of "Father" Brown—First Interment in 1805.

Brookville Recorder and Times. Easton's Corners, Oct. 23.—The centenary services which were conducted in Wolford Methodist Church yesterday make interesting a review of the history of this circuit, one of the oldest in Eastern Ontario.

In the year 1790 Rev. William Loussee came from the United States into Canada and started classes along Southern Ontario, and when he went back to the conference of 1791 he was stationed as a minister to the appointments formed by him the previous year. These appointments were situated along the banks of the St. Lawrence as far west as Kingston and Cataract.

In 1792 the circuit of Oswegatchie was formed and embraced practically the whole of Grenville county as well as portions of Leeds and Montague and adjoining counties. In 1796 Rev. Calvin Wooster preached in Montague township.

Later in 1799, Rev. W. A. Brown ("Father" Brown as he was called) located near Wolford and through his untiring zeal and labors Wolford church came into being in 1822 during the pastorate of Rev. Ezra Healy.

In 1805 the Wolford cemetery was opened and on 18th September in that year the first interment took place, the body being that of Samuel Dew, a blacksmith who lived not far from what is now called Easton's Corners. The tombstone with the name and date still stands in Wolford cemetery. In 1809 Oswegatchie circuit was divided into Cornwall and Augusta, and later, in 1820, Augusta was separated from Rideau Settlements, the latter circuit embracing the district from Kitley to Ottawa.

On Christmas Day, 1820, the contract for building Wolford Methodist church was signed and the building was to be completed by 1st October, 1822. Although the frame was up in 1821, for some reason unknown the church was not completed until 1822, when a deed was duly registered and signed.

Many changes took place afterwards. In 1846 Rideau circuit was divided and Smith's Falls joined, and in 1875 Wolford was separated from Smith's Falls and formed into the Wolford circuit with the following appointments: Wolford, Easton's Corners and Jasper. In 1884 these were again divided into two circuits, Wolford and Easton's Corners, but they were reunited at the conference of 1918, and this arrangement is in force at the present time.

During the period of its existence Wolford church has had 110 ministers and probationers, many of whom in the early days had to bear great

### To-day's Radio Programme.

- Thursday, October 26.
- 12.30 p.m., Noon stock market quotations.
- 12.45 p.m., Weather forecast on 485 meters wavelength.
- 6.00 p.m., Produce and stock market quotations; news bulletins.
- 7.45 p.m., Radio drama, with five orchestra numbers.

### hardships travelling through what was then a forest.

The present church was remodelled from the old in 1889 and the only portions of the old building remaining are to be found in the panels of the inside doors and ceilings. During the years 1812-15 the work, of course, was somewhat disorganized because of the war, but even in these years these hardy pioneers of the cross managed to hold services occasionally at the different appointments.

In 1895 the township of Wolford was surveyed. The first settlers were Samuel Easton and Joseph Haskins.

### Rex Popular at Hospital.

Out at the Mowat and Sydenham hospitals, Rex Snelgrove is extremely popular, and the crippled "boys" are still talking of the entertainments that Mr. Snelgrove and the Rotary Club put on for their amusement last spring. They are looking forward to a repetition of the event this winter.



THE DUKE OF DEVONSHIRE Canada's former Governor-General is expected to be appointed as President of the Council in Bonar Law's cabinet.

## SHINGLES

have stood the test of time in all parts of the country, and when properly made from good live timber, slowly dried and carefully put on will last a lifetime. We have them.

SERVICE AT THE RIGHT PRICE  
OUR MOTTO

Allan Lumber Co.  
TEL. 1092  
VICTORIA ST. KINGSTON, ONT.

## MILK DEALERS

WE SPECIALIZE IN—  
MILK BOTTLE STOPPERS, MILK TICKETS  
AND BUTTER WRAPPERS.

BRITISH WHIG PUBLISHING CO., Limited  
PHONE 243.

## GRAVES BROS.

PLUMBING, TINSMITHING, STEAM HEATING,  
HOT AIR AND HOT WATER HEATING

All work given our personal careful attention.

HOUSE FURNISHING HARDWARE

211 Princess Street

Phone 332

THE WONDERFUL NEW TONIC AND TISSUE BUILDER  
Combines the Minerals, Oil and Carbohydrates essential for restoring waste tissue. Especially recommended for Malnutrition, Anaemia, Bronchial Affections, Loss of Weight, and where there is a tendency to Tuberculosis. Actual Results Nothing Short of Wonderful. Put up in 8 oz. Jars. Ask your Druggist.

### THE CANADIAN INVESTORS' MANUAL for 1922-1923

has just been published. This book contains details of capitalization, earnings, etc., of the principal Canadian Industrial and Public Utility Corporations, together with the price range for the year. We shall be pleased to forward a copy on request.

## JOHNSTON AND WARD

Members: Montreal Stock Exchange, Toronto Stock Exchange.

Bibby Block, Kingston

Halifax, N. S. Sherbrooke London, Ont. Moncton, N.B. Toronto Direct Wire Connections. Sydney, N.S. St. John's, Nfld. Kingston

### SUSTAINED A BAD FALL

A Man Lost His Balance and Was Hurt.

Mountain Grove, Oct. 24.—Kitsen Thompson has returned home from the west. Rev. Mr. Coleman, Jr., Napanee, has taken charge of the Anglican Church services here. Rev. Mr. Easton has gone to the parish at Coe Hill. William Johnston sustained a bad fall while working on his farm the other day. He was standing in his wagon when it swayed on a short turn, causing him to lose his balance and fall heavily, his head striking a pile of stones, rendering him unconscious for some time. His son, who was with him, assisted him to the house and he is now much improved.

Mrs. A. Sailer is spending some time in the Limestone City. Mr. Denyes, Jr., Maberly, sustained a bad accident while drilling a well for D. McDonald. His hand came in contact with the cog of the machine lacerating his hand very badly. Dr. Suddaby, Sharbot Lake, was hastily summoned to attend the injured

member and he is doing as well as can be expected.

Mr. Sweetman, Mrs. E. Smith and daughter, Imogens, have returned to Trenton after a few days spent at Mrs. M. W. Price's. W. Hill has gone on a visit to his parents at Bobcaygeon.

Kenneth Thompson is home from Battersea. Miss Norah Cowdy has returned from Pleasant Valley. Mr. and Mrs. D. J. Cronk visited friends at Long Lake recently. A new cement step is in the course of erection at the front of the Methodist church. H. Card made a business trip to Kingston recently. Mr. and Mrs. C. Barker, Arden, are at William Barr's. Mr. and Mrs. J. Cards at J. Johnston's. O. Cronk, Long Lake, at J. Price's. R. Beverly's visited at Odessa on Monday. Mrs. J. H. Drake at W. Hill's.

Mrs. V. Grogan, who has been spending the summer among relatives has returned to her home in Millett. Alta. R. Godfrey has gone to Goderick to visit his sister, Mrs. McGowan.

# ASPIRIN

UNLESS you see the name "Bayer" on tablets, you are not getting Aspirin at all



Accept only an "unbroken package" of "Bayer Tablets of Aspirin," which contains directions and dose worked out by physicians during 22 years and proved safe by millions for

- Colds
- Headache
- Rheumatism
- Toothache
- Neuralgia
- Neuritis
- Earache
- Lumbago
- Pain, Pain

Handy "Bayer" boxes of 12 tablets—Also bottles of 24 and 100—Druggists. Aspirin is the trade mark (registered in Canada) of Bayer Manufacture of Monach. Aspirin is the trade mark (registered in Canada) of Bayer Manufacture of Monach. Aspirin is the trade mark (registered in Canada) of Bayer Manufacture of Monach. Aspirin is the trade mark (registered in Canada) of Bayer Manufacture of Monach.