

PROBS:—Thursday, moderate winds, fair and somewhat warmer.

**FREE**  
The makers of PHOSPHO-COD, the wonderful, new tonic and builder will give to anyone using PHOSPHO-COD, who writes the best letter telling of the benefits derived, a

**OVERLAND CAR**  
See description in our window. 2nd, \$50.00; 3rd, \$25.00; 4th, \$10.00; 5th, \$5.00; next six, \$2.50 each; next 10, \$2.00 each; next 20 prices \$1.00 each.

Try this splendid tonic to-day on our recommendation, and see for yourself why so many voluntary letters of endorsement are received by the maker.

Ask us about Phospho-Cod to-day.  
Price \$1.25 big bottle

**L. T. Best**  
Druggist  
Open Sundays

**FOR SALE**

4 BRICK VENEER HOUSES — 6 rooms each, 3 piece bath, electricity and gas, good yards, central location. Will yield over 10% as investment.

\$4,600—Brick, 8 rooms, 2 piece bath, hot air, electric light and gas, right of way. Central.

\$7,000—Brick, 9 rooms, all modern, h.w. floors.

\$5,000—Brick, 6 rooms, modern improvements, garage.

\$8,000—Brick, 9 rooms; all improvements, garage, large garden, fruit and flowers, good location.

\$8,500—Brick, 9 rooms; all modern; central.

\$3,000 — Frame, 6 rooms, Semi-Bungalow; improvements.

FURNISHED HOUSES TO RENT.

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

**JUNE**  
WITH ITS  
**WEDDINGS**

WILL SOON BE AT  
HAND AND

**Wedding Gifts**

EITHER LARGE OR  
SMALL WILL BE IN  
ORDER.

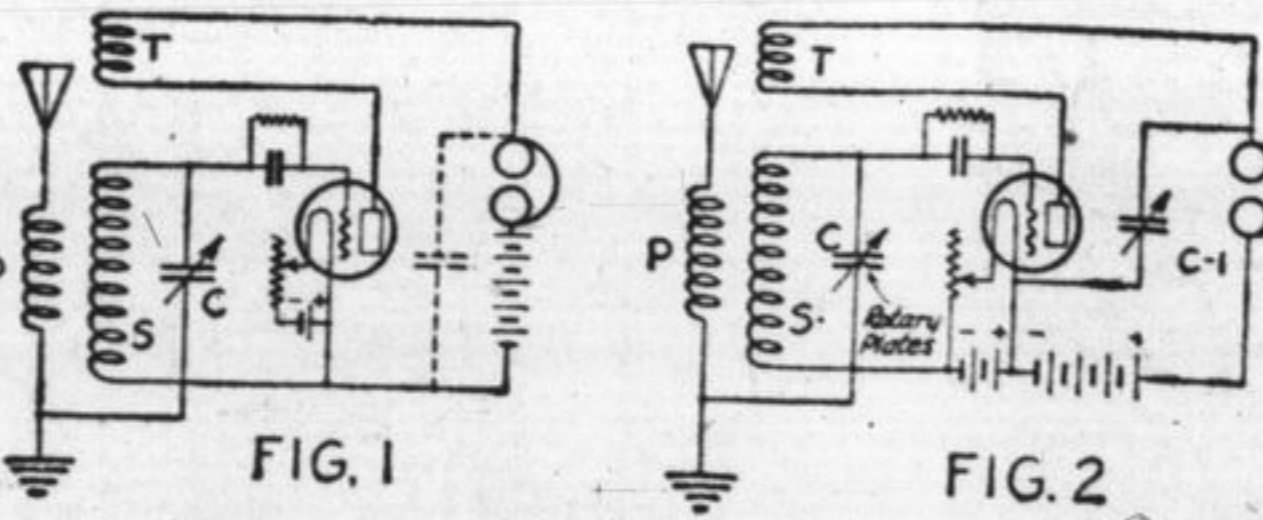
IN OUR STOCK THERE  
ARE MANY ATTRAC-  
TIVE PIECES TO  
CHOOSE FROM IN

Sterling Silver  
Cut Glass  
Silver Plate  
Clocks  
OR  
Table Cutlery

**SMITH BROS**  
JEWELERS  
LIMITED  
ESTD 1854  
King St. Kingston



**Variometer Set Easily Changed to Reflex**



Variometer Set Easily Changed to Reflex.

Owners of single-tube regenerative sets using a variometer for obtaining oscillation and regeneration, may easily convert their sets into the reflex set described on Monday with considerable improvement in results. The only necessary additional apparatus is a .002 fixed condenser, a crystal detector and an audio frequency transformer.

In Fig. 1 we have shown the regenerative set as usually constructed. This uses an untuned primary, condenser-tuned secondary, and a variometer for tuning the plate circuit.

The primary "P" may be from four to twelve turns wound on right over the secondary winding "S." If you have a long antenna, or if you are troubled with interference, it would be well to use but four turns for the primary, this arrangement giving quite sharp tuning. On the other hand, if the interference is not serious, twelve turns may be used for the primary, and will give the advantage of considerably greater signal strength over the four-turn coil. Of course, various amounts between these limits may be used, and before leaving the number at any definite point it would be well to do a little experimenting until the number is found which best suits your conditions.

The secondary coil is 45 turns of No. 22 double cotton-covered wire wound on a four-inch paraffined cardboard tube. This coil is tuned with a .0005 mfd. (23-plate) variable condenser. The rotor of the condenser should be connected to the grounded side of the coil.

The rest of the circuit explains itself. The plate variometer is of any standard type, or may be a 40 turn coil of No. 24 d.c.c. wire on a four-inch tube, shunted by another .0005 mfd. variable condenser.

Now to change this circuit to a reflex, lead a wire from the plate side of the variometer (or coil and condenser) if used instead of the variometer) to one connection of the crystal detector. The other side of the detector goes to the audio-frequency primary connection marked "P." The other primary connection goes to the other side of the variometer. The position of the phones is not changed.

The grid circuit of the tube is broken at the filament, and the .002 mfd. fixed condenser inserted as shown. From the two sides of this condenser leads are run to the secondary of the audio transformer.

This is all that is necessary to make the change. No fixed condenser is shown across the primary of the audio transformer, as it is not usually necessary. Should you have any difficulty in operation, however, which can not be remedied elsewhere, it would be a good idea to try putting a .001 mfd. fixed phone condenser across the audio primary.

Another adjustment that might prove necessary is to experiment with the capacity of the condenser "C-2." As we have mentioned before, there may be a howl in the headphones when the set is tried out. Very often this can be cured by reversing the primary or secondary leads of the audio transformer, but if this does not remedy the trouble, experiment with the condenser "C-2." Try a .003 or .005 mfd. in place of the .002 mfd. capacity.

**STEACY'S MEN'S FURNISHINGS DEPT.**

Offers  
EXCEPTIONAL VALUES FOR SUMMER WEAR



**SHIRTS**  
Summer Shirts for Dress and Sports Wear

English Prints and Cambrics, Soisettes, Balloon Cloth, Oxford and genuine Broadcloths—some with separate collars, in plain colors and stripes. Made by the foremost manufacturers of Shirts in Canada. Sizes 14 to 18.

**\$2.00 up to \$5.00**

- Men's Leather Belts.
- Sweater Coats.
- Golf Hose.
- Oxford Crepe Ties.
- Paris and Hickory Garters.
- Suspenders.
- Broadcloth Pyjamas.
- Dimity Pyjamas.
- Interwoven Silk and Lisle Sox.

We Are Special Selling Agents for  
**"FORSYTHE"**  
Men's Shirts, Pyjamas, Underwear  
A complete stock to choose from at popular prices.

**Men's Summer Underwear**

Featuring the Foremost makes.  
Men's Forsythe Nainsook Combinations  
Athletic style, button front and no button—Sale Price ..... \$1.35  
Hatchway Athletic Combinations  
Sizes 34 to 46. Sale Price .... \$1.50



- BALBRIGGAN SHIRTS AND DRAWERS**  
Penman's and our own Special brand—all sizes 34 to 52. Prices—69c., 95c. and \$1.35
- MEN'S BAL. COMBINATIONS**  
All styles and the best makes only—sizes 34 to 46. Prices—\$1.29 up to \$1.69
- MEN'S MERINO SHIRTS, DRAWERS AND COMBINATIONS**  
Penman's best quality Merino. Sizes 34 to 46. \$1.00 and \$2.25

**STEACY'S - Limited**

**HARDWARE**

**For the Holiday**

Fly Screens ..... 50c. to 85c. each  
Screen Doors, complete with hinges, pulls and hook eye, \$2.50 to \$2.75 each.  
Screen Wire Cloth 18c. to 48c. per yd.  
B-H Paint colors ..... \$1.50 qt.  
B-H White color ..... \$1.65 qt.  
2 and 3 Burner Gas Hot Plates \$5.27 and \$7.00.  
3 Burner Gas Stoves \$22.00.  
Refrigerators, all sizes.  
Lawn Mowers.

**McKelvey & Birch, Limited**  
General Contractors, Heating Specialists, Steam Fitters and Plumbers, Jobbers of Plumbers' and Gas-Fitters' Supplies, Stoves, Shelv, 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.

**Wall Papers FIRE SALE**

Wednesday, June 4th, Bargains in WALL PAPERS  
Store will be closed Monday and Tuesday to prepare for our Paper Sale. This is your second chance to save money on papers.  
Come early as quantity is limited. Bring room sizes with you. Terms cash. No returns.

FOR THE SUMMER CAMP we have a few DRESSERS without backs good for storing things in. \$2.00 to \$5.00. Smoked. SEWING MACHINE FOR SUMMER CAMPS—1/4 price \$10.00 to \$15.00

Hours of Sale: 10 to 12 a.m and 2 to 5 p.m.  
**T.F. Harrison Co. Ltd.**  
PHONE 90.

**RADIO BROADCASTING**

The following is a list of radio stations and their broadcasting programmes which may be heard locally to-night (Wednesday) and Thursday:

**WEDNESDAY NIGHT.**

- KDKA (326) Pittsburgh, Pa.**  
6 p.m.—Baseball scores; concert continued.  
6.30 p.m.—The children's period, arranged through the courtesy of the Drama League of Pittsburgh: "Happy Lil Sal Comes Singing."  
6.45 p.m.—News bulletins.  
7 p.m.—Baseball scores. Programme arranged by the United Synagogue of America.  
7.40 p.m.—"National Stockman and Farmer" market reports.  
8 p.m.—Concert by the Black Cat Orchestra and assisted by Marshall Ray, tenor, and Ralph Kennedy, monologist.  
9.55 p.m.—Arlington time signals. Weather forecast. Ball scores.
- WGY (360) Schenectady, N.Y.**  
5 p.m.—Produce and stock market quotations; news bulletins; baseball results.  
5.30 p.m.—"Adventure story."
- WEAF (402) New York City.**  
6-7 p.m.—Dinner music from the Rose room of the Hotel Waldorf-Astoria.
- WLW (309) Cincinnati, O.**  
5.15 p.m.—Baseball results.  
8 p.m.—Recital of sacred song by the Lillian Aldrich Thayer settlement school of music, assisted by the Wurlitzer Cathedral choir.

**THURSDAY.**

- KDKA (326) Pittsburgh, Pa.**  
9.45 a.m.—Union live stock market reports from the National Stockman studio.  
11.15 a.m.—Organ recital by Howard R. Webb, organist of the Ritz Motion Picture Theatre, Pittsburgh, Pa.  
2.15 p.m.—Baseball scores, inning by inning, of the games being played to-day.  
5 p.m.—Baseball scores.  
5.30 p.m.—Dinner concert by the KDKA Little Symphony Orchestra, Victor Savdek, conductor.  
6 p.m.—Baseball scores; concert continued.  
6.30 p.m.—The children's period, "Hiawatha Will Bring from His Tribe the Tale of the Coyote-Spirit," (courtesy Drama League of Pittsburgh).  
6.45 p.m.—News bulletins.  
11 p.m.—Concert by the Edgar Thompson Male Quartette; dance music by the Queen City Orchestra.
- WLW (309) Cincinnati, O.**  
3 p.m.—Market reports.  
4 p.m.—Piano solos by Miss Adelaide Apfel.  
5.15 p.m.—Baseball results.  
10.45 p.m.—Songs by Mrs. Julia Hammerler Wendell, accompanied by Mrs. Nettie W. Shaffer. Popular dance programme by the Doherty Melody Boys: F. A. Pendergrast; piano and director; Ridge Bludau, trumpet; Leo Bludau, saxophone; Bake Holthaus, drums; J. L. Doherty, banjo and manager.
- WJAX (390) Cleveland, Ohio.**  
8 p.m.—Cleveland, Ohio.  
Complete radio programmes sold at Canada Radio Stores.

Late D. McLean, Belleville, Belleville, June 4.—Donald McLean, aged seventy-seven years, died on Sunday. Deceased was for many years a well-known commercial traveller for a Montreal firm. He was born in Scotland but had resided in this city for the most of his life. Mr. McLean was prominent in Masonic circles and a life-long Conser-

vative. He was a member of the Presbyterian church. Two daughters survive.  
Mr. and Mrs. R. R. Blacker, Pasadena, California, have just donated \$18,000 to the Blacker Library of Zoology in McGill University, as a supplement to a previous gift of \$45,000.



**"BUFFALO BILL'S" COUSIN!**  
Age has not stumped old "Uncle Jack" Cody, cousin of the late "Buffalo Bill." At eighty he is nearing the end of a trans-continental journey in an old covered wagon. If he reaches Boston this week, without having changed teams, he will collect a \$10,000 wager. He left San Luis Obispo, Cal., Nov. 1st.