

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

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

\$4,000—Brick, 8 rooms, 2 piece bath, hot air, electric light and gas, right of way. Central.

\$7,000—Brick, 6 rooms, all modern, h.w. floors.

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

\$6,000—Brick, 9 rooms; all improvements, garage, large garden, fruit and flowers, good location.

\$6,500—Brick, 9 rooms; all modern; central.

\$3,000—Frame, 6 rooms, Semi-Bungalow, improvements. FURNISHED HOUSES TO RENT.

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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.

SMITH BROS
JEWELERS
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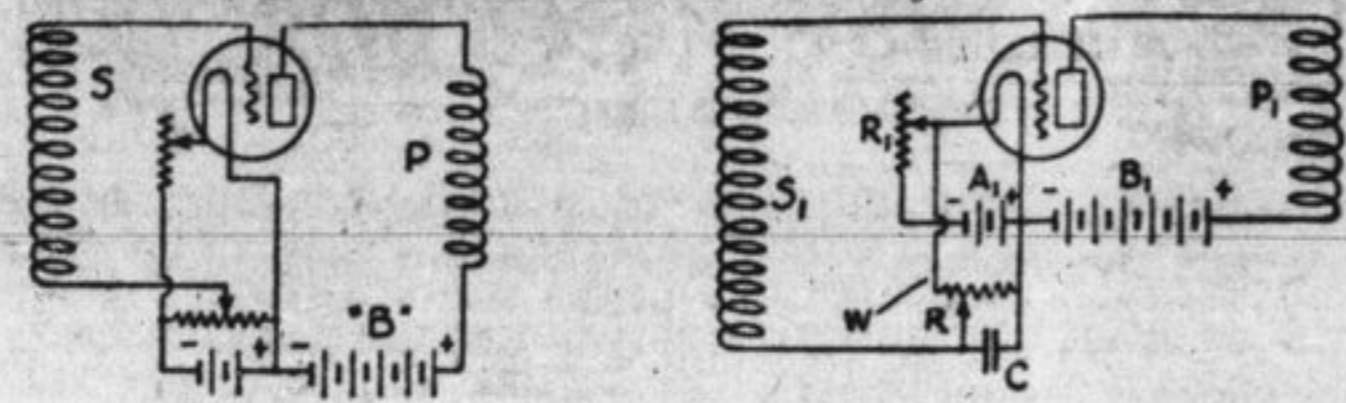


FIG. 1

FIG. 2

A Non-Drain Potentiometer Connection

Most readers are familiar with the use of a 200-ohm or 400-ohm potentiometer in multi-stage radio frequency amplifiers as a means of varying the grid potential and controlling oscillation tendencies in the amplifier tubes.

Another use is in the detector circuit, where it can be regulated to vary the grid potential until the best point for detection is reached. Incidentally, when a potentiometer is used in the detector circuit, the grid leak and grid condenser should be dispensed with. The method of obtaining detection by means of a grid leak and condenser differs quite radically from the principles involved when a potentiometer-controlled grid is used, so when one system is used, do not try to incorporate the other simultaneously.

Most readers have wished that potentiometers had "off" positions. The common way of connecting this instrument is shown in Fig. 1, and it can be seen that the resistance unit of the potentiometer is always connected across the "A" battery, no matter what the position of the arm is. This permanent connection constitutes a drain on the "A" battery which, although slight, is nevertheless undesirable in most cases, particularly where non-rechargeable dry cells are used. In Fig. 2 we have shown a

method of connection which overcomes this objection. In this hook-up, one side of the resistance of the potentiometer is connected to the "positive" of the filament battery, but the other, instead of going to the "negative" in the usual way, is connected to the filament side of the filament rheostat. If the arm of the rheostat is connected to the filament, and the resistance itself to the "negative" side of the battery, the potentiometer connection goes to the "arm" side of the rheostat.

By tracing out the connections you will see that this hook-up enables the potentiometer to be cut out of the "A" battery circuit by simply turning off the filament rheostat in the usual manner. Turning off the filament simultaneously breaks the potentiometer connection on one side, and prevents any flow of current through the resistance "W."

Another improvement, which does not have to do with battery drain, is the insertion of a .001-mfd. fixed condenser "C" from the arm to the "positive A" side of the potentiometer resistance. This enables the radio frequency energy to be by-passed around this resistance, instead of forcing itself through. Smoother operation usually results.

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RADIO BROADCASTING

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

WRAP (492) New York City.
4-5 p.m.—Anna Gretchen, soprano; Alex Bashko, tenor; children's stories.
6-11 p.m.—Dinner music from the rose room of the Hotel Waldorf Astoria.

WLW (423) Cincinnati, O.
4 p.m.—Piano solos by Miss Adelaide Apfel.
10.03 p.m.—Concert programme by the Milnor Electric Instrument Trio.
10.50 p.m.—The Fort Hamilton Masonic quartette.
11 p.m.—Special programme and entertainment by the Doherty Melody bells.

WJZ (455) New York City.
4 p.m.—Eleanor Gunn's fashion talk.
4.10 p.m.—Daily menu.
4.30 p.m.—Alfreda Bertin, violinist; Sarah Levasky, accompanist.
5 p.m.—Sara V. TuRits, soprano.
5.30 p.m.—State and Federal agricultural reports; farm and home reports; closing quotations of the New York stock exchange; foreign exchange quotations; Evening "Post" news.
7 p.m.—Gotham Concert Orchestra.
7.20 p.m.—Financial developments of the day.
7.30 p.m.—Gotham Hotel Concert Orchestra.
8 p.m.—Weekly French lesson.
8.30 p.m.—Wanamaker concert, Dr. Alexander Russell, organist.
9.45 p.m.—Navy band of the Virgin Islands.
10.30 p.m.—Waldorf Astoria dance orchestra.

WBZ (337) Springfield, Mass.
5 p.m.—Leo Reisman Hotel Lenox Ensemble.
5.30 p.m.—Songs by Bill Coty and Jack Armstrong, Boston studio.
5.40 p.m.—Leo Reisman and his Hotel Brunswick Orchestra.
6 p.m.—Results of games played by the Eastern, American and National leagues.
6.30 p.m.—Bedtime story for the kiddies.
8 p.m.—Recital by Robert Ridge, pianist, Boston studio.
8.30 p.m.—Colonel John A. Patten, play of old-fashioned dances and songs on an old fiddle with piano accompaniment; Colonel Patten will call out the dances as he plays.

KDKA (330) Pittsburgh, Pa.
11.15 a.m.—Concert by Scialo's orchestra from Kaufmann's dining room.
2.15 p.m.—Baseball scores, tuning 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.—The children's period Little Miss Merry Heart Comes with some songs.
6.45 p.m.—News bulletins.
7 p.m.—Baseball scores.
7.15 p.m.—Farm programme ar-

anged by the National Stockman and Farmer.

7.40 p.m.—Stockman market report on primary livestock markets, grain, feed, cotton, wool, sugar and produce.

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

Complete radio programmes sold at Canada Radio Stores.

Contributions

By Harold C. Robinson. The dictionary defines the word "contribution" as, a gift; that which is contributed; subscription. Amongst other things, the word embodies a law upon which all animal life functions. It simply demands that in order to get we've got to give.

Many men wonder why they have made no progress through the years. Why they still go down to the same old bench or office day after day, doing the same thing at the same salary. Some make a little effort to better themselves, but failing, attribute that failure to hard luck and quietly resign themselves to an unaltered fate. But it was not hard luck. They merely lacked the necessary contribution effort. Others cannot understand the reason their more fortunate fellow citizens has wealth and they nothing. They see this man in a more or less prejudiced light, and only when he is at leisure they do not see him in the back room of his office long after hours, struggling hard to devise more ways of making money, and naturally do not realize he gives the necessary contribution.

A good illustration of the point is the life of many writers. A writer's chief contribution to the world is his vivid imagination, we say. But very few there are who know that a vivid imagination can torture a man's mind and soul into almost a frenzy. Few people see a writer secluded by himself, thinking deeply and working into the early morning hours. He has given his contribution.

The world loves a scrapper, but demands a price for everything. It loves the fellow who takes off his coat, rolls up his sleeves and says "You want to fight do you? Well, I'll give it to you." Once conquered, the world is a good loser, and very generous in its gifts.

A "Bobbed Hair" War. Mexico City, July 30.—The war on bobbed heads here is spreading to other parts of the Republic. According to El Grafico, bobbed-haired girls were attacked in Tampico. Two girls were on the bathing beach when they were rushed by a crowd of young men. One girl swam away, while the other was saved by the presence of an army officer. The situation here is calm. The medical school sessions still are suspended, but it is believed that the crisis of the situation is over. The parade of bobbers scheduled was not held.

A Manitoba resident, who motored all the way to Kingston, was a caller at the Y.M.C.A. on Monday. A car with a Florida marker was in the city on Monday.

New York state leads all the others in the amount of water-power developments.

PROBS:—Thursday, northerly winds, partly cloudy and much cooler.

THURSDAY

A Sensational Close Out Sale of Summer Ready-to-Wear

To-morrow is going to be the greatest bargain day of the summer season. All stocks are to be closed out at drastic reductions to make room for the new Fall displays. Our loss is your gain and we invite you to take full advantage of it.

Summer Dresses Thursday \$2.98 ea.

50 Voile, Crepe, Ratine and Gingham Dresses in a good variety of colorings and styles—all marked in plain figures from \$5.50 to \$15.00—at one price for an immediate clearance.

Silk Dresses Thursday \$4.98

15 only, Summer Silk Dresses in plain and combination Sport colorings. All of this season's styles. These Dresses retail regularly from \$15.00 up to \$35.00 each.

Millinery Thursday \$2.98 ea.

50 Novelty Sport Hats made of Straw, Silk Crepes and Mohair. A wonderful assortment of new shapes and colorings to make a choice from. Regular \$5.00 up to \$15.00, at this extraordinary close-out price.

Children's Gingham Dresses Thursday 89c ea.

60 Gingham Dresses in a good range of colors and styles. The sizes range from 6 to 12 years, and the prices from \$1.50 to \$1.75.

Children's Voile Dresses Thursday \$1.98

24 only, Dainty White Voile Dresses—trimmed with lace and silk ribbon. Sizes 6 to 14 years. Regular \$2.75 to \$4.50 each.

ALL SALES FINAL—CASH AND CARRY.
SEE WINDOW DISPLAY!

STEACY'S - Limited

READ THE ADVERTISEMENTS They Lighten Work

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, 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.

Special Young Men's Suits \$16.45

In Greys, Checks, Tweeds and Worsteds. Regular values up to \$27.50.

Louis Abramson's
336 Princess Street - Phone 1098.