

SCHOOL STUDY SPORTS

THE JUNIOR BRITISH WHIG

BIGGEST LITTLE PAPER IN THE WORLD

HUMOR PLAY WORK

THE SHORT STORY, JR.

STORIES ABOUT DOGS YOU KNOW



Silver Creek
H. M. oh my," complained Silver Creek all day long.

THE TERRIER
No breed of dog attaches itself so strongly to man as the terrier.



dog saw this and while his master and mistress paid no less attention to him than before, the dog felt he was being slighted.

strong as its affection. The following true instance illustrates this fact.

The highwayman was about to strike another blow but before he could do so, the terrier leaped up at the man's throat and sunk his teeth.

There are numerous varieties of terriers—the Airedale, the Irish, the fox, the terrier, etc., but the fox terrier probably is the variety most popular and best known among boys and girls of to-day.

There are two types of fox terriers, the smooth and wire-haired. They are identically the same, except in their coats.

ANSWER TO YESTERDAY'S PUZZLE IS: PENN WALTON RUTLEDGE. FIND TEN OBJECTS IN THIS PICTURE BEGINNING WITH THE SAME LETTER.

RADIO EXPLAINED

By E. H. LEWIS INSTRUCTOR NEW YORK Y.M.C.A. RADIO SCHOOL

MULTI-STAGE AUDIO FREQUENCY AMPLIFICATION.

If the signal strength after rectification of the oscillations cannot be brought up to sufficient value in one amplifier tube it is necessary to use more in what is known as cascade connection.

amplifier tube might have to be somewhat higher than one volt, however, for best results with the vacuum tube.

Because a certain audio frequency transformer has an extremely high transformation ratio it does not necessarily follow that it is the best to use with a given tube.

APPARATUS AND DEVICES

By RALPH BROWN, RADIO ENGINEER

A SUPER AUDIO FREQUENCY AMPLIFYING TRANSFORMER

There are not a few audio-frequency amplifying transformers upon the market which are not especially designed for radio telephone reception, although quite

the highest amplification for the wide range of frequencies.

The transformer illustrated is designed with the above points in mind and possesses an agreeable freedom from distortion of the higher and lower audible frequency notes.

No shielding is necessary with this transformer because of its design. The core is closed, of course, and the coils are wound upon a middle leg.

It has been found that this transformer gives an audibility amplification of 38.6 times, or an energy amplification of 1,490 at 1,000 cycles frequency when used with the usual amplifier tube.



satisfactory for telegraph signals. In radiotelephone reception the transformer is required to operate well on a very wide range of audible frequencies.

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

DATES OF FALL FAIRS.

- Almonte Sept. 18-21
Arden Oct. 3.
Arnprior Sept. 26-27
Bancroft Sept. 26-27
Belleville Sept. 4-6
Bommanville Sept. 19-20
Brockville Aug. 22-24
Centerville Sept. 7-8
Cornwall Sept. 13-14
Delta Sept. 6-9
Demorestville Sept. 11-13
Frankford Sept. 30.
Frankville Sept. 21-22
Inverary Sept. 7-8
Kemptville Sept. 12
KINGSTON SEPT. 19-23
Lanark Sept. 7-8
Lansdowne Sept. 14-15
Lombardy Sept. 10
London (Western Fair) Sept. 9-16
Maberly Sept. 26-27
Madoc Oct. 2-4
Marmora Sept. 25-26
Maynooth Sept. 20
McDonald's Corners Sept. 29
Merrickville Sept. 5-6
Morrisburg Aug. 1-3
Napanee Sept. 12-14
Odessa Oct. 5-6
Oshawa Sept. 11-13
Ottawa (Central Canada) Sept. 8-13
Farham Sept. 13-14
Perth Sept. 2-4
Pictou Sept. 19-22
Renfrew Sept. 19-22
Shannonville Sept. 19-22
Stella Sept. 16
Stirling Sept. 14-15

Toronto Aug. 26-Sept. 9.
(Canadian National)
Tweed Oct. 5-6
Wolfe Island Sept. 26-27

Convincing Proofs.
Proofs that are convincing are to be found in our Real Estate columns.

ESOP'S FILM Fables THE MAID AND THE MILLIONAIRE

Miss Ada Dog, a dark brunette Changed to a blonde, and hoped to get A husband thus. She assumed a peach And vamped a Gay Dog on the beach.

HEMORRHOIDS

Do not suffer another day with itching, bleeding, or protruding Piles or Hemorrhoids. No surgical operation required.



Lord and Lady Byng on their Way Across Canada
Upon their arrival in Winnipeg, during their Western tour, Lord Byng and his party posed for a battery of camera-men in front of the Governor's private car at the C. P. R. Station.

THE PLAY MAN'S GAMES



BASKET THREE DEEP
Dear Sneezy: It won't be long now till vacation comes. Gee, won't it be glad! I'll say, boy. I asked Miss Major if I would pass and she says maybe I will, but if I didn't stop drooping she didn't know what I know when I grow up.

VULCANITE SLATE SURFACED ROOFING
Four-in-One Slab Shingle \$7.50 per sq.
Hexagonal Slab Shingle \$8.00 per sq.
Rolls, 32" wide \$3.90 per sq.
The highest type of "Beaver Quality Roofing and surfaced with natural colored Crushed Slate, Red or Green.

NEW SKIFFS and FISHING BOATS FOR SALE
H. KNAPP, BARRIEFIELD

Sowards Keep Coal and Coal Keeps Sowards
all kinds of Cut Wood
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RADIO SUPPLIES for the BOYS' SUMMER HOLIDAYS HOME WIRING
H. W. NEWMAN ELECTRIC CO.
Phone 441. 167 Princess Street

Locking the Barn Door After the Horse is Gone.
is like trying to save a building which has gone to rack and ruin for the need of paint.
CROWN DIAMOND LIQUID PAINTS
LEMMON & SONS KINGSTON