

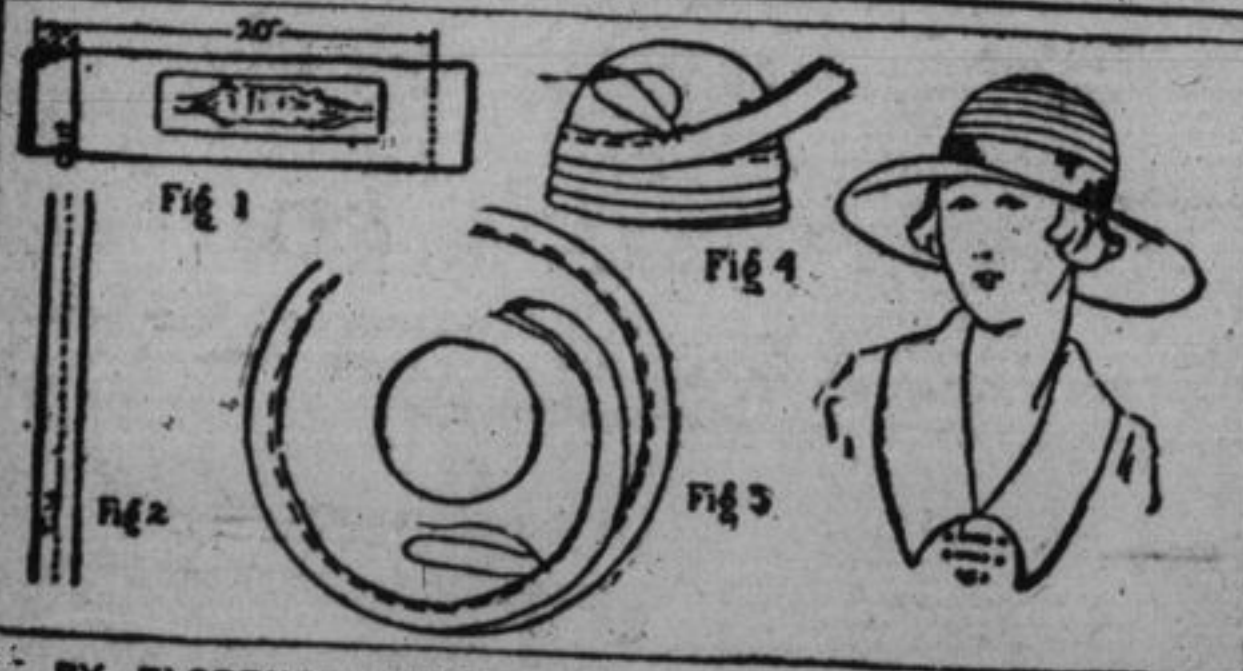
SCHOOL STUDY SPORTS

THE JUNIOR BRITISH WHIG

BIGGEST LITTLE PAPER IN THE WORLD

HUMOR PLAY WORK

CREPE PAPER MILLINERY



BY FLORENCE WINE

Mrs. Wine makes each hat herself before she describes it. All the eight hats in this series are original models.

She has been so successful with her paper hats that recently a Chicago theatrical company had her make all the hats for the women in its cast.

Don't you get tired of wearing the same hat all the time? Don't you wish you could have a hat to match each dress, a hat just for sport wear, and a light-weight hat that would keep those troublesome freckles from making little settlements all over your face?

You don't have to use silk and straw and flowers. You can make them out of paper—pretty hats that look just as nice as if they were silk, will wear as well, and are so easy to make that any girl can fix one in an afternoon.

In many of the large cities the paper hat has started, so if you want to be in style, hurry down to the store and buy a fold of crepe paper in the color you want, and a buckram hat frame in a becoming style.

To make the little hat illustrated, get a smaller shape with a broad brim. Take your fold of paper and cut strips 2 inches wide acrosswise of the fold, as shown in figure 1. To cut a strip of the crepe paper evenly, slip it from the pocket the required width and cut through the entire fold with sharp scissors, using the edge of the folder as a guide.

Now fold these strips through the center lengthwise, as in figure 2, making the strips 1 inch wide and the length of the fold. Then, starting at the edge of the brim, lay the folded

strip of crepe with the folded edge at the outside and baste it firmly to the shape, keeping your stitches about one quarter of an inch from the outside edge, so that they will not show when the second row is put on (see figure 3).

Be very careful when beginning the second row around to circle it curve, so that there will be no sudden crease. To apply on another strip of with the edges turned in.

To face the crown, cut a strip of crepe twice the width of the brim acrosswise of the material and fold edge of crepe to the center edge of the brim and fit to shape. The inner edge is sewed.

For the crown, follow the same directions as for the brim, starting at the bottom (see figure 4).

Finish your hat by putting a ribbon band 1/2 inch wide of a suitable color.

You ought to be able to find some scraps of silk or ribbons in the family ragbag that would be just the thing.

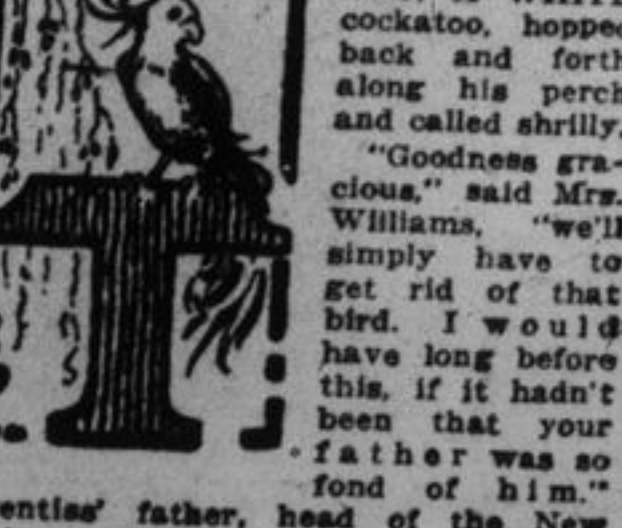
One girl who tried the hat shown in the picture made it of French blue crepe with a band of black grosgrain ribbon. She says the hat would be ram hat frame in a becoming style.

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THE SHORT STORY, JR.

The Cockatoo



OTO, A WHITE cockatoo, hopped back and forth along his perch and called shrilly.

"Goodness gracious," said Mrs. Williams, "we'll simply have to get rid of that bird. It would have long before this, if it hadn't been that your father was so fond of him."

Prentiss' father, head of the New Guinea office of his firm, had been killed scarcely six months before when Mrs. Williams and Prentiss were away, by some one who left no clue.

Mrs. Williams and Prentiss were staying on to wind up his affairs before going back to their home in Canada.

"Wish we could take Toto with us," said Prentiss, after a time.

"I'm afraid it can't be done," she smiled. "Now run along with those things for Mrs. Abernathy."

When Prentiss came back to the house, he was startled to hear Toto shrieking as he had never heard him shriek before. With a strange fear, he stole through the half open door of the living room.

Over in one corner of the room a white-coated native was stooping. Prentiss recognized him as a man who had tended their garden a while.

He tiptoed in, picked up a chair, and the next minute the man was crumpled up on the floor. He had been bending over a sliding panel in the wall, from which he had been taking a pile of silver coins and little gleaming stones.

Prentiss looked in astonishment. Then he remembered a legend a native cook had told him about treasure being hidden somewhere about the place. Evidently, this man had discovered the source of it and had watched his chance.

Then Prentiss was suddenly attracted by the voice of the cockatoo. It was shrieking, "What are you doing there? What are you doing there? A blood curdling scream and, "The knife! the knife!" And Prentiss knew the cockatoo had recognized the murderer.

business men and high-school boys, who straggled along without uniforms or ranks or leader, trying to pry Chopin's Funeral March—a shabby group of neighbors with grave eyes, stumbling through the slush under a solemnity of faltering music.

Champ was broken. His rheumatism was worse. The rooms over the store were silent. He could not do his work as buyer at the elevator. Farmers coming in with sled-loads of wheat complained that Champ could not read the scale, that he seemed always to be watching some one back in the darkness of the bins. He was seen slipping through alleys, talking to himself, trying to avoid observation, creeping at last to the cemetery. Once Carol followed him and found the corpse, tobacco-stained, unimaginative old man lying on the snow of the grave, his thick arms spread out across the raw mound as if to protect her from the cold, her whom he had carefully covered up every night for sixty years, who was alone there now, uncared for.

The elevator company, Ezra Stowbody, president, let him go. The company, Ezra explained to Carol, had no funds for giving pensions.

She tried to have him appointed to the postmaster'ship, which, since all the work was done by assistants, was the one source in town, the one reward for political purity. But it proved that Mr. Bert Tybee, the former bartender, desired the postmaster'ship.

At her solicitation Lyman Cass gave Champ a warm berth as night watchman. Small boys played a good many tricks on Champ when he fell asleep at the mill.

She had vicarious happiness in the return of Major Raymond Wutherspoon. He was well, but still weak from having been gassed; he had been discharged and he came home as the first of the war veterans. It was rumored that he surprised Vida by coming unannounced, that Vida fainted when she saw him, and for a night and day would not share him with the town. When Carol saw them Vida was hazy about everything except Raymie, and never went so far from him that she could not slip her hand under his. Without understanding why, Carol was troubled by this intensity. And Raymie—surely this was not Raymie, but a sterner brother of his, this man with the tight blouse, the shoulder emblems, the trim legs in boots. His face seemed different, his lips more tight. He was not Raymie; he was Major Wutherspoon and Kennicott and Carol were grateful when he divulged that Paris wasn't half as pretty as Minneapolis, that all of the American soldiers had been distinguished by their morality when they leave. Kennicott was respectful as he inquired whether the German had good aeroplanes, and what a salient was, and a cockpit, and Goltz West.

In a week Major Wutherspoon was made full major of the Bon Ton.

RADIO EXPLAINED

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

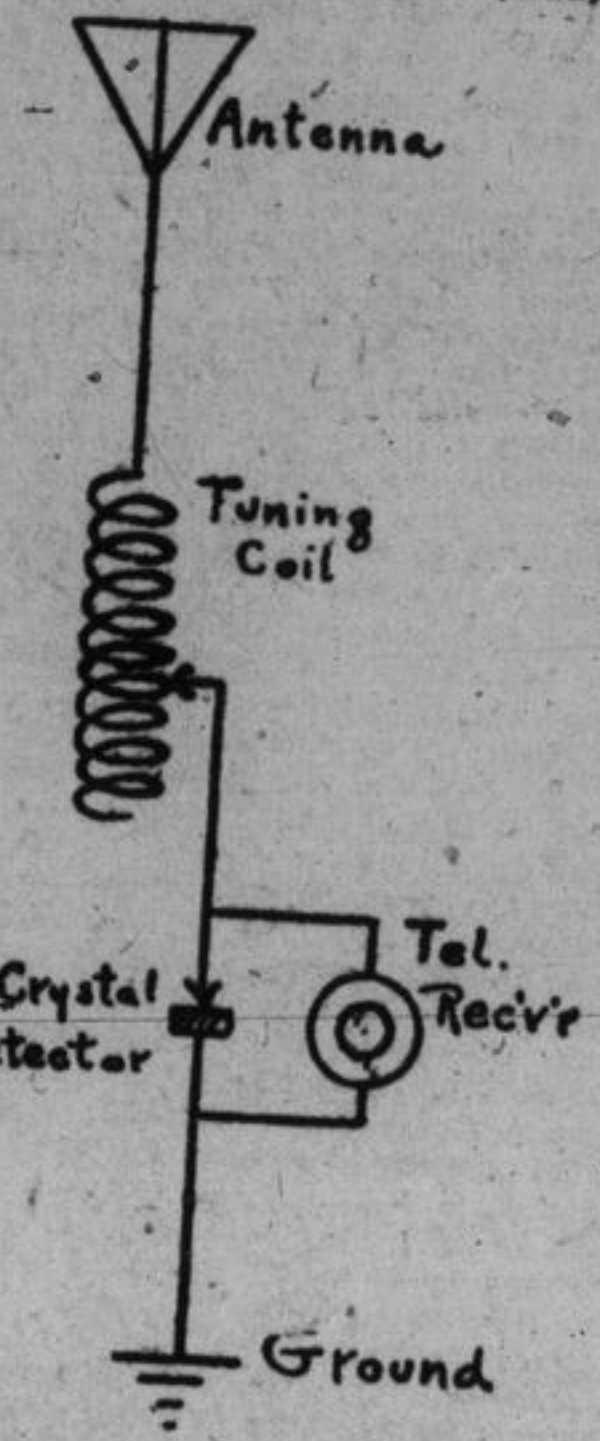
SIMPLEST PRACTICAL RECEIVING CIRCUIT.

If the natural frequency (or natural wave length) of a receiving antenna were that which would produce resonance with a certain receiving station which was to be received from no series inductance coil or condenser would be necessary. The receiver would respond best to that particular wave length but could not be tuned to other wave lengths considerably longer or shorter. In a practical circuit it is thus necessary to have at least a variable inductance coil which may be, and frequently is, a simple single slide tuning coil.

In order to make signals audible it is essential to provide a rectifying device and a telephone receiver. The rectifying device may be a galena crystal detector and the telephone receiver should have a resistance of around 2,000 to 4,000 ohms. One single ear piece is all that is absolutely necessary, but it is quite convenient to have two, particularly if weak signals are to be received. This is because both ears may then be used to hear the sounds produced. The two ear pieces are connected in series with each other, so that if each has a resistance of 2,000 ohms the total resistance is 4,000 ohms.

The circuit is shown in the illustration. It makes no difference how the detector and receiver are connected so long as the detector and the combination in series with the coil and the antenna-ground system.

Since the crystal detector has high resistance the antenna circuit has high resistance and will tune broadly. That is, signals will be heard from stations that



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INSIST ON EVEREADY

APPARATUS AND DEVICES

By RALPH BROWN, RADIO ENGINEER

A NEW TELEPHONE HEAD-SET.

The head telephone receiver set illustrated is being brought out by a large manufacturer of wire telephone equipment and is especially designed for radio-

slotted. The magnets are wound with copper wire having enamel insulation. The thin diaphragm is claimed to be corrosion-proof so that it cannot be rusted by the moisture which collects after the head set is worn for some time. The receiver casing or shell is of an insulating compound so that no part of the case is magnetic. The case is not affected by temperature or changes in humidity.

The total direct current resistance of both receivers (ear pieces) in series is 2,000 ohms, each magnet coil of each receiver being wound to 500 ohms direct current resistance.

The headband is of spring wire covered with a heavy brown webbing. The construction makes for comfort. The stirrups are quite springy so that one of the ear pieces may be quickly removed when required. The receiver set may be adjusted to the head and the knurled thumb screws set so that the adjustment cannot accidentally be altered. All exposed metal parts of the head band and the stirrups are nickel plated and the appearance of the whole set is quite pleasing.

phone use. As is customary the head set is equipped with a five foot telephone cord. The cord is of brown silk and is moisture proofed.

The receivers themselves (or ear pieces) have a one-piece bipolar permanent magnet made of high grade magnet steel. The spool heads are of phenol fiber and the cast iron coils are slotted.

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

Harry Haydock was going to devote himself to the half-dozen branch stores which he established at cross-town hamlets. Harry would be the town's rich man in the coming generation, and Major Wutherspoon would rise with him, and Vida was jubilant, though she was regretful at having to give up most of her Red Cross work. Ray still needed nursing, she explained.

When Carol saw him with his uniform off, in a pepper-and-salt suit and a new gray felt hat, she was disappointed. He was not Major Wutherspoon; he was Raymie.

For a month small boys followed him down the street, and everybody called him Major, but that was presently shortened to Maje, and the small boys did not look up from their marbles as he went by.

The town was booming, as a result of the war price of wheat. The wheat money did not remain in the pockets of the farmers; the towns existed to take care of all that. Town farmers were selling their land

at four hundred dollars an acre and coming into Minnesota. But who-ever bought or sold or mortgaged; the townsmen invited themselves to the feast—millers, real-estate men, lawyers, merchants, and Dr. Will Kennicott. They bought land at a hundred and fifty, sold it next day at a hundred and seventy, and bought again. In three months Kennicott made seven thousand dollars, which was rather more than four times as much as society paid him for healing the sick.

(To be Continued.)

Many Autos Stolen. Judging by the number of communications received by the local police, a large number of automobiles have been reported stolen in various parts of Ontario. Nearly every day brings a request to the local police to watch for a stolen car. Constable Leslie Armstrong is being warmly complimented on all sides for his clever capture of a car stolen from Toronto on Friday night last.

A Whole Year's Shines. NUGGET Shoe Polish

Get a "NUGGET" Outfit—Brush, tin of polish and polishing pad—card-board boxes, 75c; metal boxes, \$1.00—and with three extra tins, 45c, you can have shine every day for a year.



MAIN STREET The Story of Carol Kennicott

By SINOLAIN LEWIS

The Sam Clarks called that evening and encouraged her to describe the mission. A dozen times they told her how glad they were to have her back.

"It is good to be wanted," she thought. "It will drug me. But—Oh, in all life, always, an unresolved But!"

CHAPTER XXXV I She tried to be content, which was a contradiction in terms. She frantically cleaned house all April. She knitted a sweater for Hugh. She was diligent at Red Cross work. She was silent when Vida raved that though America hated war as much

as ever, we must invade Germany and wipe out every man, because it was proven there was no soldier in the German army who was not crucifying prisoners and cutting off babies' hands.

Carol was volunteer nurse when Mrs. Champ Perry suddenly died of pneumonia.

In her funeral procession were the eleven people left out of the news, old men and women, very old and weak, who a few decades ago had been boys and girls of the frontier, riding broncos through the rank windy grass of this prairie. They hobbled behind a band made up of

Well-known Glove Manufacturer Tells of His Remarkable Experience With Dr. Chase's Nerve Food

MR. HERBERT STREET COWAN, President and General Manager of the Craig-Cowan Co., Ltd., Glove Manufacturers, 154 Pearl St., Toronto, writes:

"About ten years ago, at the age of 37, I had a stroke, as a result of which I have been partially paralyzed ever since.

"For two years I lay in the house in a helpless condition in spite of all that six doctors could do to restore me. I also resorted to massage and electrical treatments, but without very much apparent benefit.

"About seven years ago I began to use Dr. Chase's Nerve Food, and have used it at intervals ever since. It

is only by using this restorative treatment that I have been able to attend to my large and growing business, and for this reason I feel that the least I can do is to recommend the use of Dr. Chase's Nerve Food to others who suffer from nervous derangements.

"In fact, it has afforded me a great deal of pleasure to recommend the use of Dr. Chase's Nerve Food to my friends, and to observe the way in which they have been benefited by its use. As a result of the large number of cases I have observed, as well as my own remarkable experience, I feel that I can speak with some authority."

65 cents a box; all dealers, or Edmondson, Bates & Co., Ltd., Toronto.

