

SCHOOL STUDY SPORTS

THE JUNIOR BRITISH WHIG BIGGEST LITTLE PAPER IN THE WORLD

HUMOR PLAY WORK

THE SHORT STORY, JR.

Dumm Kopf



LD SCHNEIDER lived all by himself in his little house up on the hill...

He would lie out in the middle of the road, and the passing cars had to swerve around to keep from hitting him.

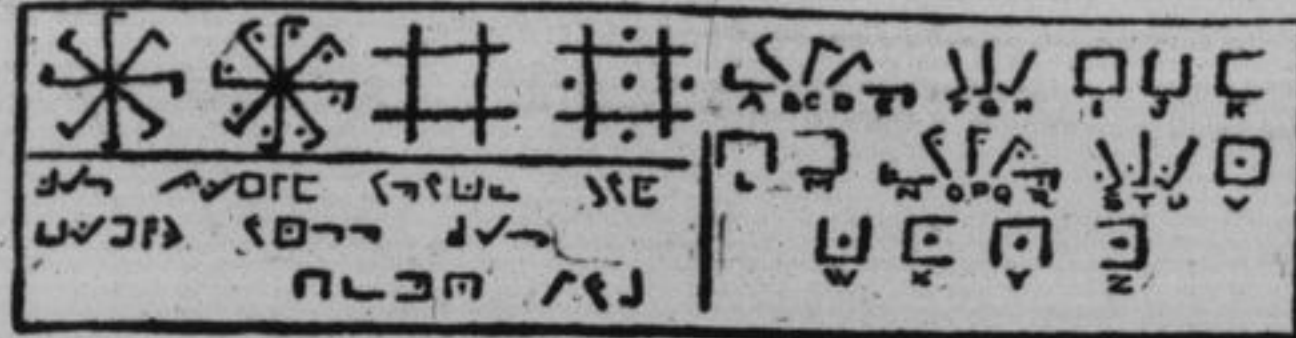
The boys and girls of the town liked the dog, even as they liked Schneider, for in spite of his grumpy manner, the waver made funny little cookies that tasted so good, and he always had one for the younger folks who stopped at his house.

In the spring, old Schneider didn't have so much work to do. Housewives were busy cleaning and could not see red to the river.

One rainy night Schneider was sitting in his snug house. He decided to go down to the village for tobacco and called his dog to follow.

Suddenly Schneider missed his dog. He called and whistled, but the dog did not come.

But anyway, Schneider always says now, "You can call that dog dumm Kopf any more."



The amateur Sherlock Holmes knows that all good "detectives" can read the most puzzling codes and know all about how they are made.

Every code has some key sentence, numbers, or figure, depending on the sort of code it is.

The plaintext figure was formed by first making a cross and then running two lines through the angles.

From this first figure the first eight letters of the alphabet are made. Then, to get the next eight letters, another figure is made.

"I," the first letter in this series, is formed by using the basic square. The other four letters are three-sided figures, each made in a different direction.

We now have thirteen letters, or half the alphabet. To get the other half from the first half is very easy. In making many codes such a system is used.

are made in a certain fashion and by making some simple variation from them.

In this case the dot system is used. A dot is placed in each of the angles. The very same angles are used, then, for the other letters.

This is one of the more difficult codes of course, and Sherlock Holmes would scratch his head in bewilderment when he first tried it.

In trying to read a code that you do not know the key to, you should try to work out the system on which the figures are made.

A message written in one of these angle codes is very mysterious in appearance. Can you figure out the sentence which is given in the illustration for this article?

The ancient Egyptians carved messages in strange characters on blocks of stone. You should know the "Secret Code" articles.



The solution for this puzzle appears to-morrow.

MAIN STREET The Story of Carol Kennicott By SINCLAIR LEWIS

He mumbled, ten minutes after she had entered the house, "Say, I've kept your room for you like it was."

She had left a city which sat up nights to talk of universal transition; of European revolution, guild socialism, free verse.

In Gopher Prairie the only ardent new topics were prohibition, the place in Minneapolis where you could get whiskey at thirteen dollars a quart.

Their problems were exactly what they had been twenty years ago, and what they would be for twenty years to come.

She was unable to rhapsodize much over the seven new bungalows and the garages which Kennicott had made to seem so important.

She wore her eye-glasses on the street now. She was beginning to ask Kennicott and Juanita if she didn't look young, much younger than thirty-three.

Dr. Westlake, Sam Clark, Nat Hicks, and Del Snafflin were talking in Del's barber shop.

"Well, I see Kennicott's wife is taking a whirl at the rest-room, now," said Dr. Westlake.

Del interrupted the shaving of Sam and, with his brush dripping lather, he observed jocularly:

"What'll she be up to next? They say she used to claim this burg wasn't swell enough for a city girl like her, and would we please tax ourselves about thirty-seven point nine and fix it all up pretty, with tides on the hydrants and statos on the lawn."

Sam irritably blew the lather from his lips, with milky small bubbles, and snorted, "Be a good thing for most of us roughnecks if we did have a smart woman to tell us how to fix up the town."

Dr. Westlake hastened to play safe. "So was I! So was I! She's got a nice way about her, and she knows a good deal about books—or fiction anyway."

"Of course she's like all the rest of these women—not solidly founded—not scholarly—doesn't know anything about political economy—falls for every new idea that some windjamming crank put out."

"Sure, she'll take a tumble to herself," said Nat Hicks, sucking in his lips judiciously.

"Guess she'll miss that Swede Valborg that used to work for me! They was a pair! Talking poetry and moonshine! If they could get away with it, they'd be so darn lovely-dovey."

Sam Clark interrupted, "Rats, they never even thought about making love. Just talking books and all that junk. I tell you, Carrie Kennicott's a smart woman, and these smart educated women all got funny ideas, but they get over 'em after they've had three or four kids."

Three swarms of bees attacked and soon killed a pony, at the farm home of Albert Brandon, near Manville, Ill.

Four violent earthquakes occurred Saturday morning fifty miles north of Rome, Population terrified.

and politics. Sure!" After only fifteen minutes of conference on her stockings, her son, her separate bedroom, her music, her ancient interest in Guy Pollock, her probable salary in Washington, and every remark which she was known to have made since her return, the supreme council decided that they would permit Carol Kennicott to live, and they passed on to a consideration of Nat Hick's New Ones about the traveling salesman and the old maid.

They rustled and stared. Carol looked at them. Their curiosity seemed natural and unimportant.

"Oh yes, yes indeed, have to do that some day," she yawned.

She no longer took Aunt Bessie Small seriously enough to struggle for independence. She saw that Aunt Bessie did not mean to intrude; that she wanted to do things for all the Kennicotts.

Montreal, May 29.—The proposed substitution by the Grand Trunk Railway company of straight time for overtime for railroad employees outside the running trades and shop mechanics will be strongly opposed at

Do not suffer another day with itching, bleeding, or protruding Piles or Hemorrhoids. No surgical operation required. Dr. Chase's Ointment will relieve you at once and afford lasting benefit. 50c a box; all dealers or Edmanon, Bates & Co., Limited, Toronto. Sample box free.

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Now comes the jolly summer—picnics, "verandah" dances and the long planned vacation. With it comes light, bright Columbia music—dance and song—that is "the life of the party."

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- Tessie—Fox-Trot Paul Biese's Orchestra A-2586 85c
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Rosy Posy from "The Blushing Bride" Fox-Trot The Columbians A-2594 85c
Sing Song Man—Fox-Trot The Happy Six

- Swanee River Moon Intro. "Indiana Lullaby" Medley Waltz Prince's Dance Orchestra A-2513 \$1.50
South Sea Sweethearts Intro. "Baby Dreams" Medley Waltz Prince's Dance Orchestra
(a) Opera Real, (b) Darling Nellie Gray, (c) Ivy Leaf—Fiddle Solo Don Richardson A-2581 85c
(a) Rickett's Hornpipe, (b) Maryland, My Maryland, (c) Pig Town Fling—Fiddle Solo Don Richardson

- Ile of Paradise (Waltz) Hawaiian Guitars and Xylophones, Fezera, Franchini and Gross A-2560 85c
Suave Hawaii—Hawaiian Guitar Duet Fezera and Franchini
The Moon Shines on Moonshine—Comedian Bert Williams A-2569 85c
Somebody—Comedian Bert Williams
Don't Leave Me Mamma—Tenor and Baritone Duet, Charles Hart and Elliott Shaw A-2564 85c
Indiana Lullaby—Tenor and Baritone Duet Billy Jones and Ernest Hare
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its love and prosy eagerness, so important a few years ago, so gladly offered now, are rejected with laughter. She divined that when Aunt Bessie came in with a jar of wild-grape jelly she was waiting in hope of being asked for the recipe.

GET IT REPAIRED

Sewing Machines, Phonographs, Guns, Rifles repaired and refitted. Parts supplied. Saws filed, knives, scissors and edge tools ground. Locks repaired. Keys fitted to all kinds of locks. All makes of Lawn Mowers sharpened and repaired. We can repair anything that is repairable.

J. M. PATRICK 140 Sydney Street, Kingston Phone 2063.

Oiling to Overtime On Canadian Lines

Montreal, May 29.—The proposed substitution by the Grand Trunk Railway company of straight time for overtime for railroad employees outside the running trades and shop mechanics will be strongly opposed at

the official round table negotiations on working conditions, which begin Tuesday morning, according to statements made by union executives Saturday.



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CONSTIPATION, BAD HEADACHES, Faint, Dizzy Spells

Constipation is one of the commonest ills of mankind, and one too often allowed to go unlooked after, until some serious complication sets in.

A free motion of the bowels daily should be the rule of everyone that there will be no constipation, sick or bilious spells, dizziness, heartburn, coated tongue, foul breath, sour stomach, floating specks before the eyes, jaundice, water brash, etc.

MILBURN'S LAXA-LIVER PILLS and you will enjoy the best of health.

Mrs. Frank Willsey, R. R. 3, Belmont, Ont., writes: "I have been troubled with constipation for nearly two years. I had bad headaches, faint and dizzy spells, and would bloat terribly. I was nearly discouraged for I had tried so many things that gave me no relief. My mother got me a vial of Milburn's Laxa-Liver Pills and told me to give them a fair trial. After I had taken one vial I felt much better and continued their use. Now I have no faint and dizzy spells and am gaining nicely. I would not be without Milburn's Laxa-Liver Pills for the world."

Price, 25c. a vial at all dealers, or mailed direct on receipt of price by The T. Milburn Co., Limited, Toronto, Ont.

EAST AND WEST AGREE

Lydia E. Pinkham's Vegetable Compound is Helping Sick Women to Health

The two letters which follow clearly show the broad field covered by this well-known medicine. Women from every section—you know some in your own neighborhood—praise Lydia E. Pinkham's Vegetable Compound as a wonderful medicine for troubles women often have.

From Prince Edward's Island—East

Miscouche, P. E. I.—"I had female troubles for two years. I always had a headache and a pain in my side and sometimes I felt so weak that I could not do my work. A friend advised me to take Lydia E. Pinkham's Vegetable Compound and I have taken six bottles of it. It has done me a lot of good and I am still taking it. I will tell my friends of your medicine and hope they will try it."—Mrs. CAMILLE DES ROCHES, Miscouche, P. E. I.

From Saskatchewan—West

Wadena, Saskatchewan.—"A friend in Rose Valley recommended Lydia E. Pinkham's Vegetable Compound to me and it has been a great help to me. I recommend it and you can use this letter as a testimonial if you wish."—Mrs. PETER NORDR, Wadena, Saskatchewan.

Advertisement for Dr. J. D. Kellogg's Asthma Remedy, featuring a picture of the product box and text describing its benefits for asthma and coughs.

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

ELECTRONS.

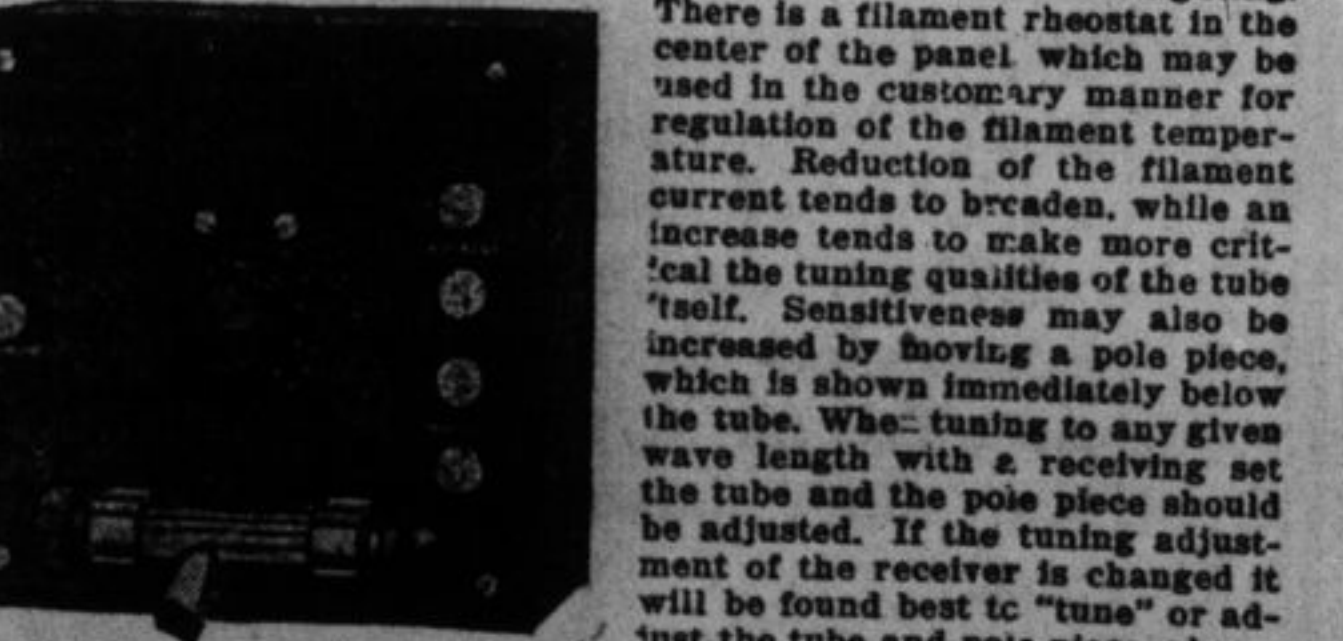
The vacuum tubes so familiar to the radio public are sometimes called "electron tubes," "radiotrons," "audiotrons," and "pilotrons." The two electrode tubes used solely as rectifiers are called quite often "diotrons."

In the preceding article it was attempted to convey some idea of molecules and atoms. The molecule is the smallest possible particle of a substance which can be divided into some other substances, while the atom is the smallest particle of an elemental substance which cannot be so divided.

Now it has actually been found by noted scientists that even this "infinitely small particle, the atom, of any elemental form of matter contains electricity. There really must be some reason why an atom of one substance differs from that of another. Why is the element iron different from the element copper? Much brilliant work on the part of these scientists who have investigated the "why" seems to confirm the theory that an atom is composed of a central nucleus which carries a positive charge of electricity and is surrounded by extremely minute particles of negative electricity. In fact, an atom

APPARATUS AND DEVICES By RALPH BROWN, RADIO ENGINEER A NEW VACUUM TUBE DETECTOR.

A vacuum tube has come upon the market which requires no "B" batteries or grid leaks. It is not suited for use in a regenerative circuit, but is a quite sensitive radio detector. In addition to sensitivity the tube has the quality of selectivity, which can be se-



curved within itself by suitable adjustment. The illustration shows the top of the detector unit upon which the tube is mounted. Directly beneath the tube, inside the cabinet, is a horseshoe magnet which is used to guide the electrons and concentrate them between the internal elements of the tube. The tube itself can be turned in its holder so that the electrons will be concentrated in the proper

locality within the tube. By rotating the tube it can be adjusted to a maximum degree of sensitivity, although it has inherent sensitiveness without this adjustment. The filament of the tube takes one-half of an ampere to function properly, and four ordinary dry cells may be used for filament lighting. There is a filament rheostat in the center of the panel, which may be used in the customary manner for regulation of the filament temperature. Reduction of the filament current tends to broaden, while an increase tends to make more critical the tuning qualities of the tube. Sensitiveness may also be increased by having a pole piece, which is shown immediately below the tube. When tuning to any given wave length with a receiving set the tube and the pole piece should be adjusted. If the tuning adjustment of the receiver is changed it will be found best to "tune" or adjust the tube and pole piece, also. The panel is of dull finished, insulating material and measures six inches square. The box or cabinet is finished in mahogany. All exposed metal parts have a high, nickel plated finish, and the appearance of the unit is very pleasing. One of the advantages claimed is the reception of signals without any annoying "squeal." The detector works well on either a direct or inductively coupled receiver circuit.

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

Three swarms of bees attacked and soon killed a pony, at the farm home of Albert Brandon, near Manville, Ill. Premier Poincaré will go to London June 27th and 12th. Four violent earthquakes occurred Saturday morning fifty miles north of Rome, Population terrified.

Canadian Pacific railway earnings for the week ending May 21st, 1922, \$2,997,000; decrease \$72,000. Four violent earthquakes occurred Saturday morning fifty miles north of Rome, Population terrified.