BIGGEST LITTLE PAPER IN THE WORLD

HUMOR. PLAY WORK

#### SECRET CODES - HOW TO MAKE THEM

PICTURE-WRITING

Picture-writing was one of the few forms of communication used by Indians-and other early races as well. With the coming of more modern forms of writing by the use of a set



forms of secret communication.

There is no set code of pictures to be used in writing picture messages. You simply use pictures to express friend and see if he can understand

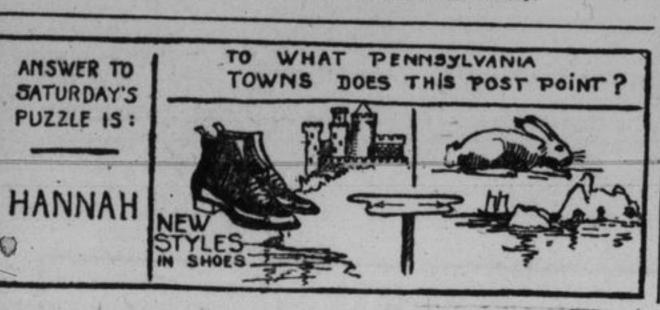
The message printed in the picture above is interpreted in this manner: The first sketch represents the rising sun, and is taken to mean "tomorrow morning." The house is that of simple symbols, picture-writing be- of the writer of the letter, and the gan to disappear. Because it was figure walking up to the house repreach an early form of expression it sents (as it is labelled) the figure of the one to whom the letter is addressed. The message thus far says:

To-morrow morning come over to my ouse." You will note that two figures are shown walking away from the house and toward a hill which has some objects on top of it that resemble trees. This addition to the message says: "-and you and I will walk to give her money for candy. How-

there is one that resembles a camp- promptly spent it for candy. fire, and following this is a sketch of She was going down the street a sandwich and a can of something. Add this to the message, then: "There we will make a fire, and eat our sandwiches and beans."

The sketch of the cance, which follows that of the food, means that has a romantic appeal for us to-day, after eating, the two hikers will go and this, coupled with the fascination for a trip on the lake, and then, as inof any secret code, makes picture- dicated by the pictures that follow, when dusk comes, they will head for

Try writing a picture letter to a what you mean to say.



THE SHORT STORY, JR.

The Sweet Thing

Clark had a craving for candy. Any one could tell by looking at her flabby face that

One day Genevieve went to town for some groceries. She asked for some money, but her mother refused ever, the groceries did not come to as much as she had expected, and After the sketch of Wooded Hill, there was some change. Genevieve



chanced to look up and saw a couple of girls coming down the street. One of them was Cordella, a friend of hers, and the other girl was a welldressed stranger.

Then she remembered the candy. she peeked in the bag. There were pieces left. No use in saving them for Cordelia and her friend. She stuffed them quickly in her mouth, The two girls were up to her. "Hello," said Cordelia, "Genevieve, I want you to meet my cousin, Wini-

"Glub-glub," said Genevieve, her face the color of her red-and-white checked gingham. She had forgottes that the two piaces were caramels.

# ARTHUR B REEVE

COM NEA Service, Inc.

Continued From Our Last Issue | voices. It was Vira speaking. To He looked up at Garrick, smiled,

and took the headgear off, handing it to him, "Get that?" moment in some perplexity, then ex-

claimed, "Why, I can hear the whirr of a vacuum cleaner in the room!" They listened in for several min- laugh. utes but there was nothing more yet. Whoever was cleaning the room finished and left.

The buzzer on Garrick's door sounded. He opened it on a crack. It was McKay.

a man, at the Park Garage on Sixtieth Street, where I put the car

"What sort of looking man?" "I didn't know him, sir, Sort of shaggy hair-"

come over.

McKay had gone, properly rewarded, and Garrick was pondering over in there—and finds it. A pretty little what he had just learned.

"Were they the three at the Part estate last night-Rae, Brock and clamation. "I can imagine my Ma- sharpened the thoughts to the exact length.

"Or Georges?" parried Dick. "Perhaps . . . What of . Ruth? . . Say, Dick, I'm going to leave you here with that wireless dictagraph. You can work it best anyhow. I must get a line on that garage and do it right away." Down the street in a lunchroom

Garrick caught sight of McKay again and beckoned him quietly out. "I was thinking about calling you up, sir, soon," informed McKay. "I was just talking to one of the polishers in there. He tells me that Jack Curtis gave orders to some driver about the place, a stranger, to go after something at eleven o'clock. He didn't know what if was or where

it was but he give him a key, sir." McKay pointed the fellow, a stranger, out, and Garrick reached into his pocket for his every-ready It was nearly midnight when Gar-

rick in what seemed like a reliable taxicab, concluded the trailing of the man who had received instructions from Curtis.

Garrick dismissed his taxi at the clean out! That'd be the last straw corner and began to reconnoitre. To on the dromedary. She'd be looking his amazement he saw that he was for some new shelk for me in the on the block where was the town shape of a grand old octogenarian house of Vira Gerard's family. It was an added shock when he to perdition when I went into pic-

was fumbling with a key at the door. Vira!" Garrick quickened his steps. It was now or never to get let in on paused, nothing flippant in word or this mystery.

As he turned in at the gate the man at the door heard him, looking It was all surprising news, this clue quickly as if expecting him, then to where Ruth had been the night catching a better look uttered an before. Also, it was some mitigated oath and swung on him.

The man went sprawling backward gone with Vira to Vira's empty town on the bit of turf of the little front yard.

the clatter of feet from acress the street and around the motor. But before he could turn, the other man was on him, bearing him down with the momentum of the rush. He was ing to stay at the Usonia. A nice a husky but Garrick felt he could outwrestle him.

Two were more than Garrick could handle as legs and arms and heads cut the turt, getting ever mearer the sharp pickets of the fence.

CHAPTER VII INTERFERENCE

WR an hour or more Dick waited know whose arder I do not want

graph in Garrick's room. Through the high resistance headpieces he heard voices, almost as if
from one of the old phonographs. He
strained his ears to recognize the

a lark. You look as if you had been

"Well, here we are again. For a Lordy!" second last night I thought we were Garrick adjusted it, listened for a Circle again. You're some driver, had evidently been another of the Anybody else at the wheel and-well, new arrivals.

dead girls tell no tales!"

Then he heard another voice over the wireless. He recognized it as he's in time." Brock's voice and Brock did not seem in the best of tempers with the

"I just saw that Rae Larue, with has gone as far as that thing did sheets for a week-maybe-" last night. You'll get somebody caught one of these days and-"

'Brock!" exclaimed Dick, who had when you all picked us up after the something pretty good. smash-up and took us to Vira'swhy did you leave the bulky stuff at

front-page scandal!"



DICK CAST THE RECEIVER

husband. I was straight on the road saw that the car had stopped just in tures. I shock the folks a dozen front of the Gerard house and that times a day. But a rum-running the driver had entered the gate and scandall Go, get thee to a nunnery, feet.

"Speaking of mothers . . ." Ruth

Dick at the other end was aghast. relief. She had got back to town Garrick parried and countered, shaken up by the accident and had house. More than that, there was omething he did not get; but some-At that moment Garrick heard how her smash-up had been concerned with trying to frustrate some-

thing, not perpetrate it. "I won't go back there tonight. Vira." she said at length. "I'm golittle lecture is coming to me for being out two nights and smashing my car. Think of it-her gettitng out there and getting it towed in herself-to the same garage we tele shoned to for a wrecking car-only first! That's some of Garrick's work, I'll bet . . . Well . . . no rum-

running arrest yet . . . It might dampen the arder of someone I patiently at his wireless dicts dampened . . . Brock, you said this

on one that took a nose dive . . . If there is any lark, let me in on it." It was Rae who was at least one of then new arrivals.

"Lark!" This from Ruth, contemptuously. "Yes. One thing leads to another, all right. First we start this place. Then we get in over our heads. Then we begin getting our own stuff to save money. Then we begin getting more than we can use here-to make some money-to pay the other expenses. Then-oh.

Ruth subsided as another voice never going to get to the old Inner became audible also to Dick. Glenn

"I hear Jack and Georges down-As Dick's keen ears focused at- stairs," Rae changed the subject tention he could recognize Ruth's diplomatically. "Oh, here's Jack. now. Well, Jack, what's the dirt?" "I've sent another fellow out. Hope

"Where?" This was from Vira.
"Your place." Jack seemed to pound a table. "They'll give him the "You oughtn't to butt in and try beating of his life, confound him!to stop anything, Ruth-not when it mash his face in-put him in the

Dick tinkered and tickled and ad-There was a thinly veiled threat justed. All he got was some fool in the gruff breaking off of Brock's amateur on the same wave length. He swore. He tried to swear over "Just because it was the Parrs, the ether, but with ill success. The interference was there to stay, as it "I know," interrupted Ruth. "But always is when one is listening in on

Dick cast the headgear in useless vexation on the table. His mind was in a whirl, as if a dozen people were sending in his mental ether at once. Then, sudden-Vira made a little suppressed ex- ly, as if unconsciously, he had at ter if I was caught in a bootlegging wave length, one idea seemed to

swamp all others. Dick felt that he must get to this place where Ruth had spent the aight and where Garrick was running into danger, if he had not already fallen into it. And he must get there first.

He tore out of the apartment, grabbed the first taxi, rode only a few blocks, dismissed him at the down the street. As he sped down the block, he

could see a car in front of Gerard's. Then a man ran across under the are light. Dick quickened. He saw in the shadow two men struggling and a third creeping toward them. Dick could make out Garrick. He was just in time. He hurled himself at the other attacker. They were two against two, now, But at the mement when it seemed that each was getting the upper

hand of his man, a couple of others ran on. Evidently they had been trailing him from Garrick's, where they must have been watching. The fight of the four now swung entirely against Garrick and Dick. From the Avenue whence had

come the new assailants, now came a quick scurry of feet. A whistle, Someone rapped as with a bickery stick on the curb, making hollow The four fied.

The newcomers hauled Garrick and Dick unceremoniously to their

"You're under arrest!" One of them flashed a badge, "Saw you come out of the cellar of the Inner Circle lest night. Also you were on that roof tonight!" Garrick looked at the badge. They

were revenue enforcement men. He pulled his own card, meued by the Comptroller of the State. There was a moment of perplexity, then ex-planations and apologies. "Thought you were in the Volvet

"The Velvet Gang?" "Yeh-that's what we nicknamed that bunch of aristocratic rum-run-

One of them had picked up the key. "Ah-ha! We're in luck!" So, without the formality of a search warrant, they entered the

If anything had ever been therethe stuff was gone "Then-why the fight-with us?" puzzled Dick as they parted from

the chagrined raiders. "Just to get us out of the way." grunted Garrick, "Goah! I ache! · · · Humph! . . . The Velvet would be a lark. It's a lark, all Gang!! . . . I don't know whether it's a detective that's needed so much

-or a psychoanalyst-or an alienist -or a spiritual adviser!" (Continued in Our Next Issue)

## INSTRUCTOR NEW YORK Y. M.C.A. RADIO SCHOOL

THE GRID BIASING BATTERY. If the common connection of the grid and filament circuits is made at the negative terminal of the filament there will be a normal negative grid potential of about 21/2 volts. The grid will, therefore, be at the same potential as the lowest potential on the filament, and the potential of the grid. with respect to the filament, is zero. It must be borne in mind that it is the lowest potential point on the filament to which the grid potential must be referred when determining whether or not a grid current will flow. In this case of zero difference of potential any positive applied potential will cause a grid current to flow and will reduce the grid to filament resistance within the tube. When this occurs power is taken by the circuit, and the positive half cycle of input voltage is reduced. This has been explained

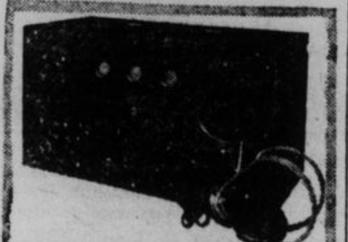
previously. In order to raise the normally

applied negative grid potential to a value which will be at all times great enough to prevent grid current a grid biasing battery may be used. The voltage of the battery will depend upc- the amplitude of the input voltage, but, in any case, its negative terminal should be connected to the grid. In order to secure a close variation of this potenial, which is frequently desirable, the resistance unit of a potentiometer (about 400 ohms total resistance) may be connected directly across the battery. The sliding contact may then be connected to the grid, so that the grid potential is always negative, but variable. The battery need not be of large size, since no current is taken from it. It may be made up or ordinary flashlight cells. This Sattery is sometimes referred to as a "C" battery to distinguish it from the filament lighting, or "A" battery, and the plate, or "B" bat-

## By RALPH BROWN, RADIO ENGINEER

A RECEIVING SET WITH BUILT-IN LOUD SPEAKER.

The cabinet receiving set is of the non-regenerative type and has a loud speak of well known make incorporated in the cabinet. The opening is seen at the left of



the illustration. The wave length range is from 150 to 1,700 meters and is sufficient for all purposes of broadcast reception. Tuning is accomplished with the two knobs | bakelite.

The receiver includes a detector and two stage amplifiers built into the cabinet. Each tube has a separate filament rheostat, se that there will at no time be any difficulty in operating each tube with its proper filament current. An "on and off" :am switch is provided for lighting or extinguishing the filaments of all three tubes simultaneously. / telephone jack is also provided to accommodate a pair of head telephone receivers. When the receiver plug is removed from the jack the loud speaker is thrown into circuit. If the head receivers are used by plugging them into the jack, the loud speaker is automatically disconnected. The receiving set is very attrac-

at the extreme left of the panel.

tive in appearance, as the cabinet is of mahogany, with a dark, polished finish, and the panel is of A Herald-Sun Feature

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

BELL-CROZIER WEDDING.

came the bride of Rev. Cecil G. Bell, which Mrs. Archie Peever played second son of Mrs. D. J. Bell, of very softly. The wedding march was Odessa. The drawing room was ef- played by Miss Ina Olmsted, of Cobfectively decorated with pink roses den. During the signing of the regisand ferns. The bride, who was given ter Mrs. Archie Peever sang very in marriage by her father, was a pic- sweetly "Because." The groom's ture of girlish loveliness, in her wed- gift to the bridesmaid was a gold ding gown of white canton crepe crescent set with pearls, to the trimmed with seed pearls, veil and groomsman a set of cuff links and to wreath of orange blossoms. She car- the pianist a birthday ring. The ried a bouquet of Sunset roses and bride's mother wore a handsome lily-of-the-valley and wore the gift gown of steel grey satin. Miss Alice



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for valuable book, "Correct Care of the Feet."

#### A. McKINNON & CO STOCKS - BONDS MINING STOCKS

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We are having installed very soon a TELETYPE TICKER, the Brst of its kind in Kingston. The stock quotations and news will come in ordinary letters and figures so anyone can read them.

We are having a good trading market. At the Mexican financial conference in New York arrangements were made regarding Mexico's external indebtedness. We believe Mexican Government 5% Bonds around present price (60) are a good purchase.

in the Mining Stocks WASAPI-KA advanced from 74c. to 194c. in a few days. Buy it; will probably sell at 20c.

Phone 821.

bridesmaid was Miss Hazel Crozier, sister of the bride, who wore pink At the Home of the Bride at Haley's satin and georgette and carried sweetheart roses. The groom was The home of Mr. and Mrs. James attended by his brother, Victor Bel. Crozier, Haley's Station, was the The ceremony was performed by Rev. scene of a pretty wedding on Wed- Geo. C. Wood, of Arnprior, uncle of nesday afternoon, June 21st, when the groom, assisted by Rev. H. W. their eldest daughter, Sarah E., be- Guscott, of Haley's Station, during

of the groom, a rope of pearls with Sewell wore pale blue satin trimmed diamond and platinum clasp. The with pale pink beads. After the ceremony a dinner was served. Rev. Mr. and Mrs. Bell left Thursday morning on a trip to Brockville. Kingston and thence to the groom's home in Odessa. On their return they will reside in Waltham, Quebec. The bride wore a charming travelling costume of navy tricotine

with hat of white Georgette and trimmings of jet with brown fox fur. Among the out-of-town guests were Miss Alice Sewell, of North Bay; Rev. Geo. and Mrs. C. Wood, Mrs. George E. Wood and Miss Lorena Bradwin, of Arnprior, Miss Nettle Rodger and Miss Ida Crozier, of Ottawa, Mrs. Tom Crozier, of Smith's Falls and Victor Bell, of Odessa.

AN ORANGE GATHERING.

At Colebrook, Saturday Evening. Addressed by Dr. Edwards. Colebrook, June 26 .\_\_ A successful meeting and social was held by Loyal Orange Lodge No. 532, of Colebrook, on Saturday evening. Dr. J. W. Edwards, deputy grand master of the Crange Grand Lodge of British America, presided and delivered the main address of the evening, dealing at some length and in a concise manner with several measures now consideration by the provincial parliament, in regard to the separate schools. A large crowd gathered for the occasion. Edward Purcell, grand master of the lodge, spoke a few words, expressing the thanks of the gathering to Dr. Edwards for his address. Reg. Betts, of Kingston, and Treneer's orchestra, also from Kingston, provided entertainment.

McKenty-Shea Wedding. A pretty wedding took place at St. Peter's cathedral, Peterboro, at 8 a.m., on June 21st, when Irene A. daughter of Wm. Shea and the late Mrs. Shea, was united in marriage to Arthur J. McKenty, Norwood. Rev. P. Costello officiating, The bride, who entered the church on the arm of her father, was beautifully gowned in embroidered cream canton crepe, with large white georgette hat and |carried an ivory prayer book with floral streamers. Her sister, Mrs. James H. Moore, matron of honor, was wearing copen blue, leghorn hat and shower bouquet of orchids and roses. D. J. McCarthy, B.S.A., Kingston, an uncle of the bride, was groomsman. Miss Katle Masterson sang during the ceremony. A wedding breakfast was served at the home of the bride, and the young

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The prevailing tendency toward lower interest rates renders it doubtful whether to-day's attractive interest returns will be available when such bonds mature. We will therefore be pleased to facilitate

profitable re-investment by exchanging long term securities for older bonds that are nearing maturity.

Also we shall at all times be glad to discuss

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### A Big Store in a Small Town

There are such stores, that hold the trade for miles around, some of them built up without largely increasing capital.

The merchant buys small standardized stocks of the very best sellers, the same styles that are being shown in the big cities. He is particular to get the styles that are advertised, that his customers will look for. If it is wearing apparel, he probably does not carry the very small or very large sizes, preferring those for which there will be most demand.

When well displayed, an advertisement in the local paper starts them selling. The merchant looks upon the manufacturer or jobber as his warehouse. Once a week, or oftener, he checks up what new stock or odd sizes he needs, and orders them by Long Distance.

Shipment is often made the same day by express, parcel post, or freight. Quick delivery becomes possible. Customers are enthusiastic to find they can buy what they want in their home town. Reputation grows rapidly, and the yearly turnover increases notably.

(Insert Manager's name in Cap:-here)

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Fined For Stealing 1\$25 each. A third, pleaded guilty to Before Judge Scott at Perth, two a charge of rece.ving the stolen couple left by motor for Kingston young men pleaded guilty to a charge poultry, was remanded for sentence of chicken stealing and were fined on June 26th.