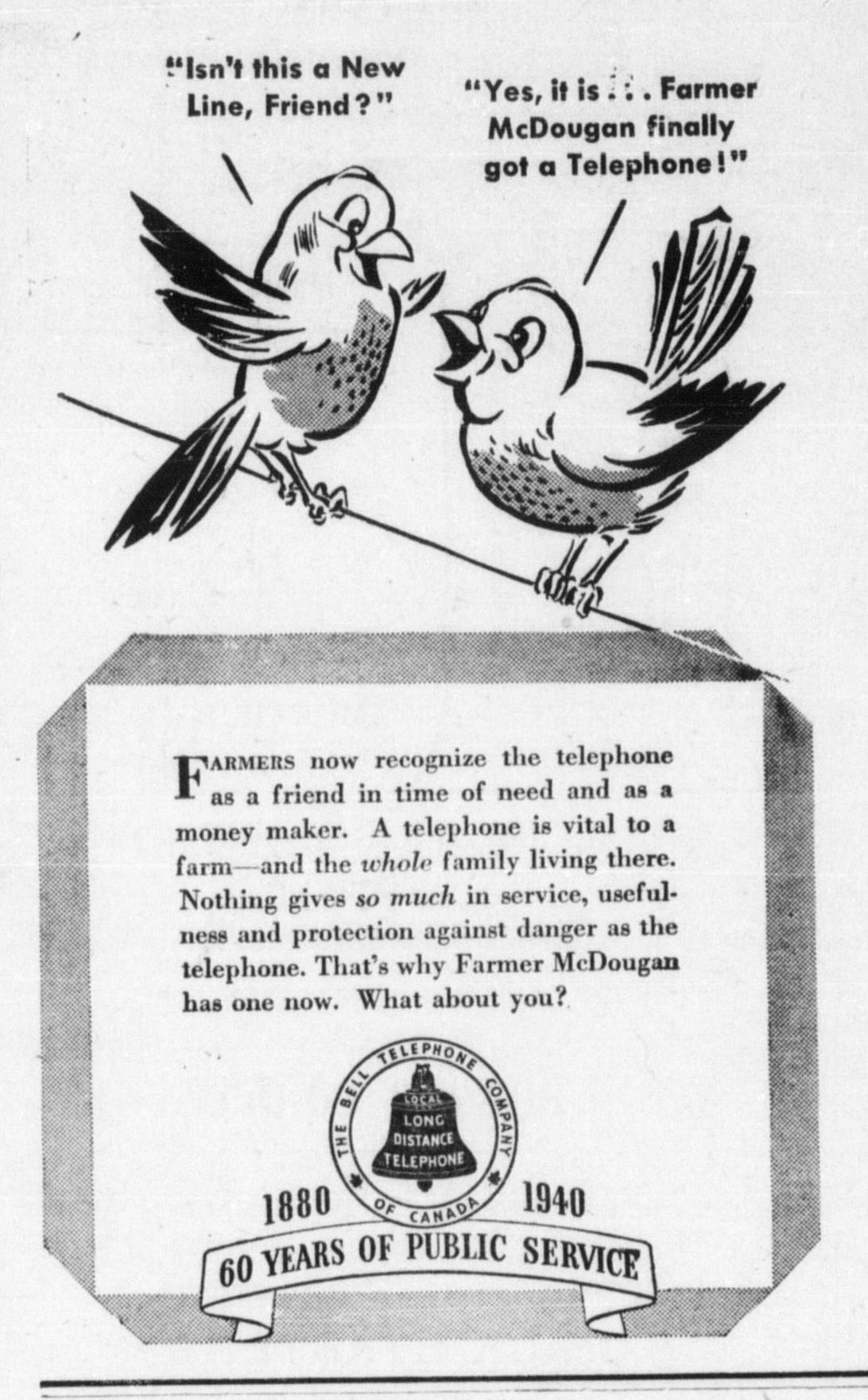
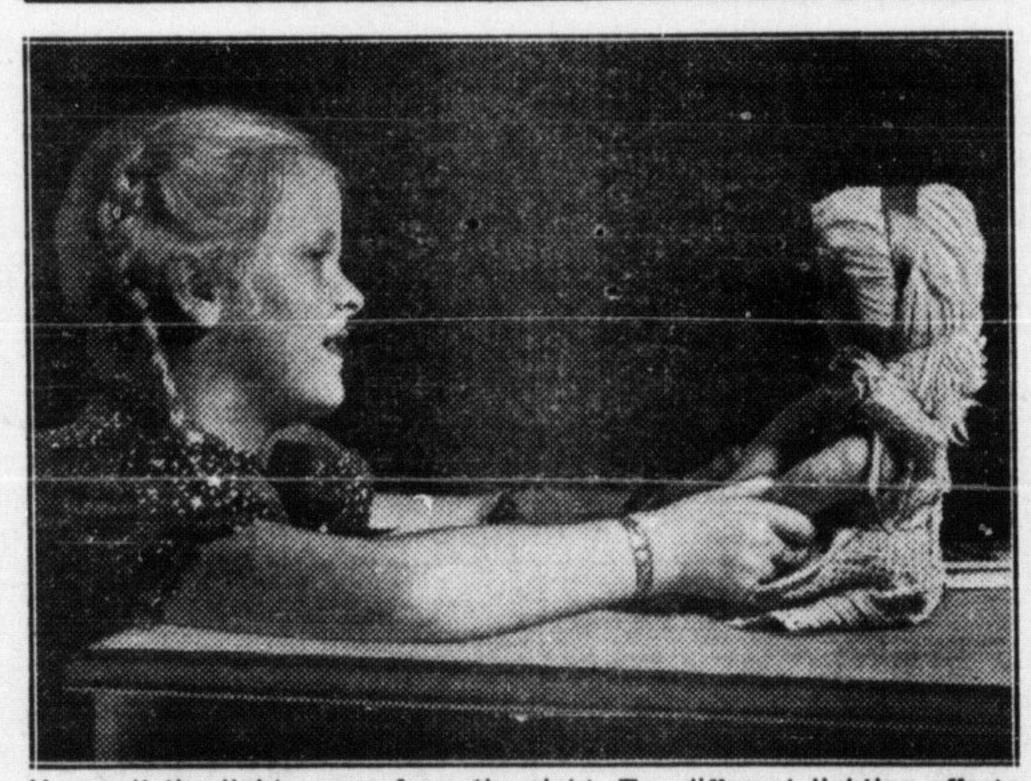


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# The SNAPSHOT GUILD FUN WITH LIGHT EFFECTS



Here, all the light comes from the right. Try different lighting effects with a subject such as this. Use the diagrams below as guides in placing your photo lights.

board reflectors, and a light-toned a background - these to your pictures.

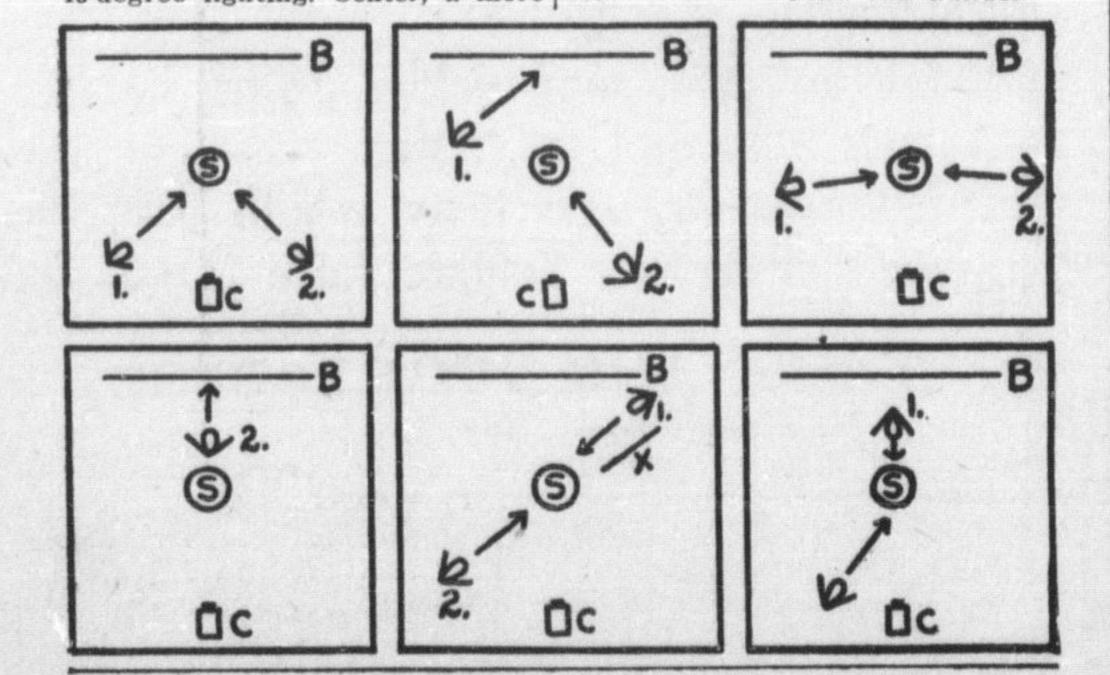
you change the position of your lights to obtain different effects. S stands for subject, C for camera, and B for background. The number 1 indicates a No. 1 photo bulb in cardboard reflector, and 2 indicates a No. 2 bulb. These two bulbs. when in reflectors, are sufficient for box-camera snapshots on high speed film.

At left, first row, is the regular 45-degree lighting. Center, a more 267

TTALF the fun of taking snap- | dramatic effect, with one light dishots at night is in working rected on the background. Right, out novel lighting effects. You lon to a still more striking effect, with a need a lot of lighting equipment, light on the subject from either either. Two photo bulbs in card- side. Second row, left, a silhouette effect, with one light behind the subject and turned toward the wall. enable you to evolve numerous in- Center, backlighting, with a light teresting lightings that add value to the right behind the subject. Note shield "X" which keeps light The diagrams below show how from shining into the camera lens. At right, "halo" lighting, with one light behind the subject, shining

> through the hair. In taking these shots, keep the lights the right distance from the subject, and don't let them shine into the camera lens. You should then get good pictures-and you'll find that careful arrangement of lights will make them more intense-

ly interesting. John van Guilder



### THROUGH A BOMBER'S SIGHTS

(By An Old Sweat)

To the Editor of the Champion: In boyhood days a sizeable creek was the common playground. Here we learned to build dams, sail boats, chase minnows and nab crawfish. Pinning down crawfish with thumb was no mean feat. For those crawfish, with their tails turned under and their shuffling backward motion, were most elusive. And so it was that from this back-paddling or rear shuffle of the crawfish that the English language was further enriched with the verb "to crawfish."

Two weeks ago I told the story of the dropping of the Conservative candidate in Halton county and the selection of a so-called "National government" candidate. For a week following the famous double-cross, the former candidate was very bitter, but last week the Mighty Manipulators, with much cajoling, succeeded in con vincing the ex-candidate that My Party, 'Tis of Thee, came first and there appeared a short statement under the ex-candidate's signature, in which he maintained that his with drawal had been entirely voluntary. To crawfish means to back-paddle. It was only natural for the Political Atoms to follw the double-cross with a little crawfishing. The two are eculiar to cheap political intrigue. The pity is that the ex-candidate be came a party to it and weakly met the wishes of the Manipulators. It fooled

When the conflagration broke out in 1914 few in Canada knew any of the answers. Canadians were ignorant of the potentialities for profiteering, of political patronage, and the many disgraceful ramifications of war on a huge scale. Few could forsee the completely selfish pre-occupation on the part of some in using the war to furth er their own ends, entirely oblivious to the sacrifices others were making with the entailed suffering and grief.

Last September when the war of 1914-1918 broke out afresh, after an armistice of twenty-five years, thousands of Canadians knew all the answ ers. The call to arms found a nation determined to finish the job but equally determined to see that the second stage of the world war would be fought and won on a vastly different basis. At least three hundred thousand war veterans are on guard, experienced, thoughtful and with vivid memories. Most of these veterans were not again eligible for military service but they were ready for a national service, the job of checking any repitition of the errors, greed and selfishness of 1914-1918. These men demanded equality of service. They watched for signs of profiteering and patronage.

This was the situation in September last. It forced the political leaders to move slowly. It was a brake on the industrial and financial interests who were ready to swoop. It made for an effective check rein and accounted to some extent for the apparent deliberation with which Canada's war machine

got into motion. Then there was another factor. Polit ical parties generally can move no faster than public opinion. Although the threat of war hung over the Em pire few Canadians were prepared to heed the warnings. Hence Canada's preparations for national defence were puny, half-hearted and totally inadequate. Not one political party in Canada had courage to face the facts and all must share the responsibility. Canada was pussy footing largely because re-armament entailed further burdens of taxation which found little enthusiasm in a nation bogged down in the burden of a ten year depression. Living for the moment, immersed in controversy on economics, fearful of the future, there was no heart for expenditures on military preparation for national security. And yet, when war did come, it found, paradoxically as it may sound, a nation going to war on a sounder basis than it did twentyfive years ago, if for no other reason than there was a grim determination that political favor, patronage and profiteering were out. To this extent, at least, there was to be equality of

Ask any old soldier and he will tell you there is only one fair way to fight any war-by conscription. Draft the needed man power, conscript wealth conscript industry. Let the resources of the nation be pooled for the common need. Let the burden fall equally on each home, let all share the cost in full equality. Then, and then only,

is the nation fully at war. But, and the old soldiers know it Canada will not do it that way. Conscription is out for-for the present The reasons are so apparent. Quebec Yes. But further the desire to avoid the fatal knock on the door and the cablegram from the war office which Many old soldiers believe this and reads "Sincerely regret to inform you therefore are more or less indifferent 191444 Gunner Thomas Atkinson, artillery, killed in action."

And now after five months the nation is plunged into a general election in which the chief issue is the degree of vigor behind Canada's effort. tween Liberals and Conservatives. tion of parliament. The Grits count er with the cry of cheap politics in the Conservative pretension of a Naobliterated and all are united for a pent at leisure" has never been tional government cannot come until all political parties are tuned to alty are born of the soul, not of the sloth political mind.

clarifying the confused thoughts of the no more \$3.00 wheat, no more \$10 a public. For this confusion of thought day for munition work, no more war is general. And why?

Simply because under the tumul and the shouting, beneath the polemics is that which all ex-soldiers and Time some others recognize and abhor. It to the question of vigor behind our wa

is this:-Mackenzie King and Dr. Manior have declared against Quebec. There may be much of polit- speak. ical expediency on the declarations of both leaders, but it is also evident they are too far committed on this issue ever to draw back. Manion's declaration is, unfortunately and strangely enough weakened by his call for a national government, for in the eyes of many, a great many, national government and conscription are associated, if for no other reason than the general be lief that conscription will never com from any one political party, but only from a national government. weakness is emphasized by the varied declarations of Conservative can- furiously to attract the hunters didates and is responsible for some the confusion now in evidence. Milton over a week ago Gordon Graydon, ex-M.P. for Peel, declared against conscription, except for home service. Hamilton very recently, John Marsh, ex-M.P. for Hamilton West, de clared "The policy I suggest is no conscription at the present time."



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coe, accepting the Conservative nomination in Middlesex West, stated he ion in his opposition to conscription. Naturally this adds to the confusion of the moment and leads to the thought the lands, these together with the harthat irrespective of the outcome of the present election, Canada, if the war continues for two years, will be thrown into the turmoil of another election in which real national government and | your dial-that brings you this proconscription will be the bitter issues. as to the outcome of the present appeal to the voters. They hold that five months of war preparation have not been enough to test the sincerity of to clarify the issues. Some hold that Here in Ontario the fight is mainly be- it will take another year to demonstrate the vigor and determination be The Tories accuse the Liberals of po- hind Canada's effort. Public opinion is litical trickery in the sudden dissolu- slow to crystallize. It would appear that Canadians, as yet, are not prepar ed to accept compulsory service, jus tional Government. Canadians, on the dle of the road course," of which the whole, would welcome a national gov- Liberal prime minister is the chief exernment in which party politics are ponent. Certainly "act in haste, recommon cause, but they realize na- Mackenzie King slogan and many are prepared to accept what appears to be la slow motion in the effort that it al True national government cannot be spells sound preparation in the end and is not the personal property of any Manion's job is to convince the public one political party. Patriotism and loy- that King's measured tread may be

In the meantime King has proven strong enough to break down all the rigidly held political party lines. Then, Political weather eyes are cocked on and then only, can a United Canada

AN OLD SWEAT.

### **Bounty for Cougar**

The stealthy cougar, or mountain lion, may be hunted in and out of season on Vancouver island, and the sport is profitable, for the provincial government pays a bounty of \$20 a pelt for these marauders. They are hunted mostly with packs of dogs After the animal is treed, a few well-placed shots bring him down The cougar, while rarely attacking a human being unless driven to desperation by hunger, plays hob with poultry, sheep and other do mestic animals, but the \$20 bounts may result in his ultimate annihilasame day Dr. L. W. M. Freele, of Glen- tion.

#### Robot Voice Machine Seen as Speech Aid

Sir Richard Paget, inventor of a r achine that talks, seems to have confused for a time his inventive genius and his ultimate goal; but out of his works may come in the end an improvement in methods of human speech. His machine feeds air through a tube to various mouthpieces, and by pressing the bellows with his foot and placing a thumb before the orifices he makes the apparatus utter a few simple words All right so far; but it is the hardest way to talk ever demonstrated with success.

On the other hand, Sir Richard philosophizes that, culturally, human speech is thousands of years behind the times. He notes that speech is the natural result of gestures of the mouth and jaws, capable of 144 variations; but that the upper arm, forearm, wrists and fingers together can make 700,000 gestures. To complicate speech by sign language would generally annoy all except tourists in a strange land, but the talking machine has a mission if finally perfected.

Radio, for example, would become more popular if all announcements were broadcast by a robot voice. All would sound alike; no peculiar hates would be attached to voices under general classifications of silly, raucous, nasal, flippant, guttural or stomachic. Elimination of vocal personality cannot be attained by transcription but a mechanical voice could do the trick.

#### Delayed Light Emission

Called Phosphorescence The light emitted by a phosphor during exposure to an exciting source of radiation is known as fluorescence. In many cases the fluorescent substance continues to emit light after the exciting radiation is extinguished. Such a delayed emission of light is known as phosphorescence. It is accepted that the two are intimately related as manifestations of the same fundamental phenomenon, namely, excitation of an activator atom which is present in the phosphor at a low concentra-

When the excited electron returns directly to its normal orbit, fluorescence is observed as the result of what has been termed an instantaneous process, writes Gorton R Fonda in the Journal of Applied Physics. When, however, the return of the electron is for any reason delayed, thus giving rise to phosphorescence, then, by way of distinction, the luminescence has been

called the result of a delay process. The appearance of the phosphorescence in a phosphor is proof that the delay process is contributing at least some of the luminescence, even during direct excitation. Wherever this is so evidence of it will be seen also when the exciting radiation is first applied, for there will be a lag in the development of full luminescence.

Cellophane Sausage Casings Not long before the war sausages in cellophane were declared a success in Berlin. It is claimed in Germany that the cellulose casings. in addition to being about 25 per cent cheaper than the natural casings, do not allow fats to escape and conserve the sausage filling so

Manufacture of the cellophane sheeting is similar to that of rayon, both having cellulose as a basis.

that the meat can be kept fresh



To the air lanes this week came a new cowboy group-Carson Robinson and his buckaroos-and we rise to say right here that this troupe of lads from could not entirely agree with Dr. Man- the prairies really have something! An authentic atmosphere of the range and those plaintive songs of the catmony and instrumental background, provide a program that makes the Robinson Buckaroos a stand-out show,

Once again it is CKOC-1120 or gram, so be tuned in any Tuesday or Thursday evening at seven and hear

If you have never made it a point to dial in Alex Templeton, the blind English pianist, for his program from WEAF Monday nights at 9.30 you have missed one of the best features on the radio. Alec. has on his program such notables as Pat O'Malley, monologist-William Miller's chorus-and the strings directed by Daniel Saiden berg-of course Alec at the keyboard s the one and only Templeton-so give your family a treat next Monday night by catching his show.

Myrt and Marge-heard from the Columbian chain any afternoon at 4.15 are still tops for the women listeners

The new show, Melodies From the Sky, heard from CKOC from Monday till Friday evening each week at 7.15, brings to radio listeners in Niagara peninsula the best in popular music And so the fight develops without to the war veteran that there will be from the top-ranking name bands of

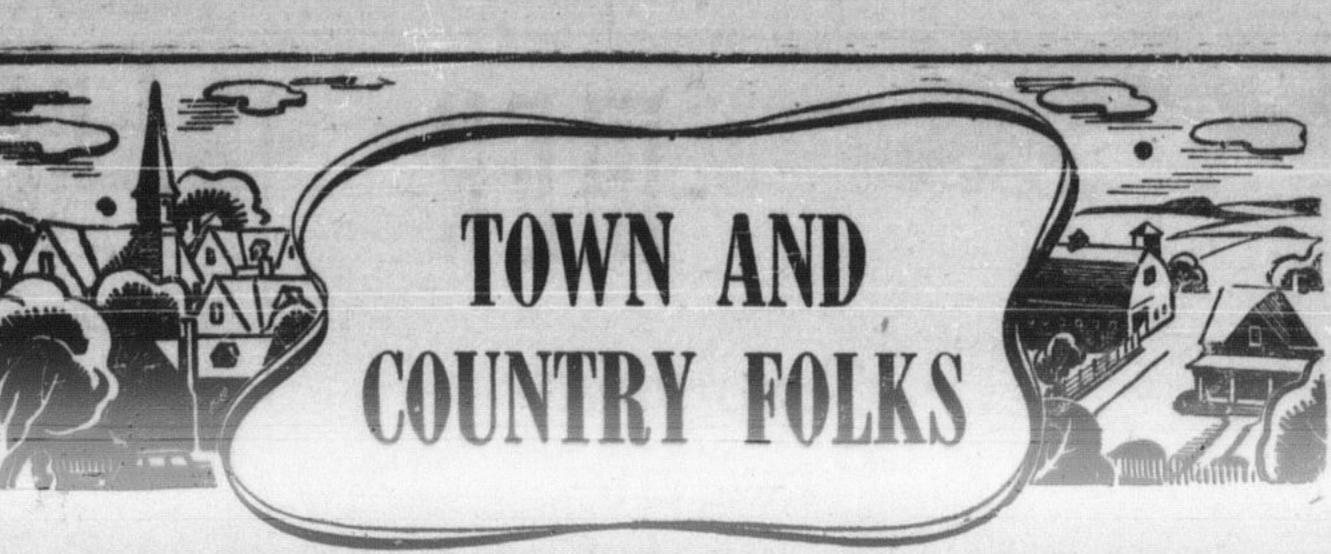
Heard on these programs are Gray Gordon and his Tic Toc Rhythm; Ozzie Nelson and his band with Harriett Hilliard: Al Donahue, a young leader, who will be heard from in the radio world; Russ Morgan's talented crew. and of course Guy Lombardo and his Royal Canadians.

These bands, known to everyone who likes dance programs, present a splendid variety of sweet music in Melodies From The Sky. Make it a point to be tuned in at 7.15 in the \* \* \* \*

And for Saturday night entertainment Guy Lombardo's band at the Cocoanut Grove in Los Angeles is top flight music. Guy and his Royal Canadians are on the blue network Saturday evenings at 7.30.

HOUSE FOR SALE OR RENT, 8 rooms, which pick up the scent and barl on Main St, Milton; also some household goods for sa'e. Apply Mrs. Landsborough, Milton.

Days of grace in purchasing 1941 motor vehicle and operator's permits will be wiped out when buying time comes around on New Year's Eve, Premier Hepburn announced last Thursday in his Budget address. From this time hence, the Premier warned, licenses will be limited strictly to the calendar year.



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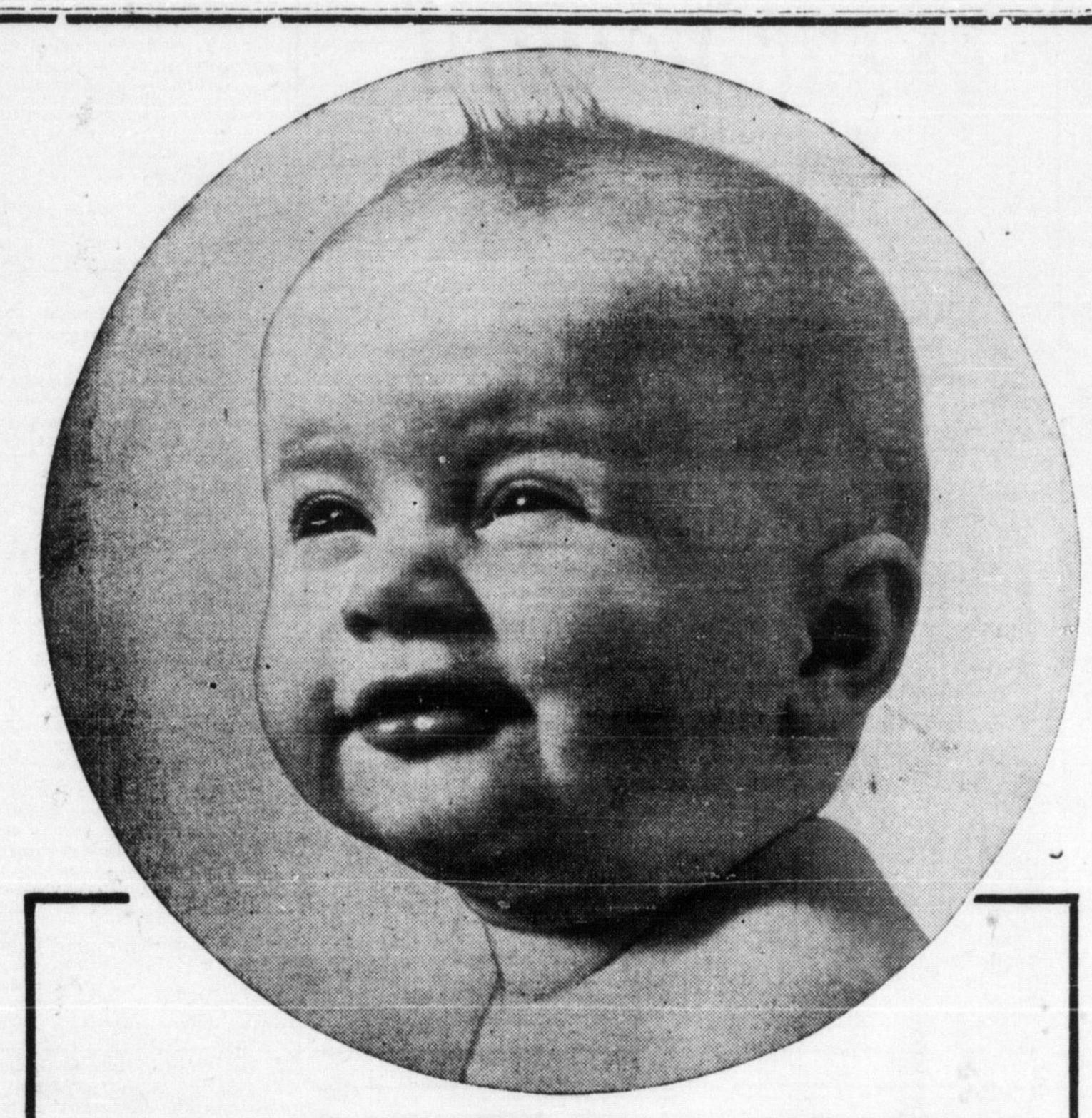
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"I'm all better now - going home to-morrow. I feel just fine, too, except when I think of the debts I'll be leaving behind. You see, Daddy isn't able to pay for the wonderful care and treatment I received. "The Government and the city I live in, together, paid \$2.35 each day I was here.

Unfortunately, that isn't enough because it costs the Hospital an average of \$3.45 every day to treat me and each other little patient.

"More than eight thousand little children were cared for here last year, just like me. We're the ones who cause the large deficit of The Hospital for Sick Children every yearbut everyone admits that we're worth it.

"It isn't our fault that we get sick or become crippled, but the least we can do is appeal to you for help-particularly when we know that this Hospital does not share in the Toronto Federation for Community Service funds because Public Ward patients are admitted from any part of the Province.

"Won't you send a donation to the Hospital to help meet this deficit? Even a small gift would be greatly appreciated.

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