

# World's First Radio Broadcasting Car is Operated In Winnipeg With Complete Success by L. V. Salton

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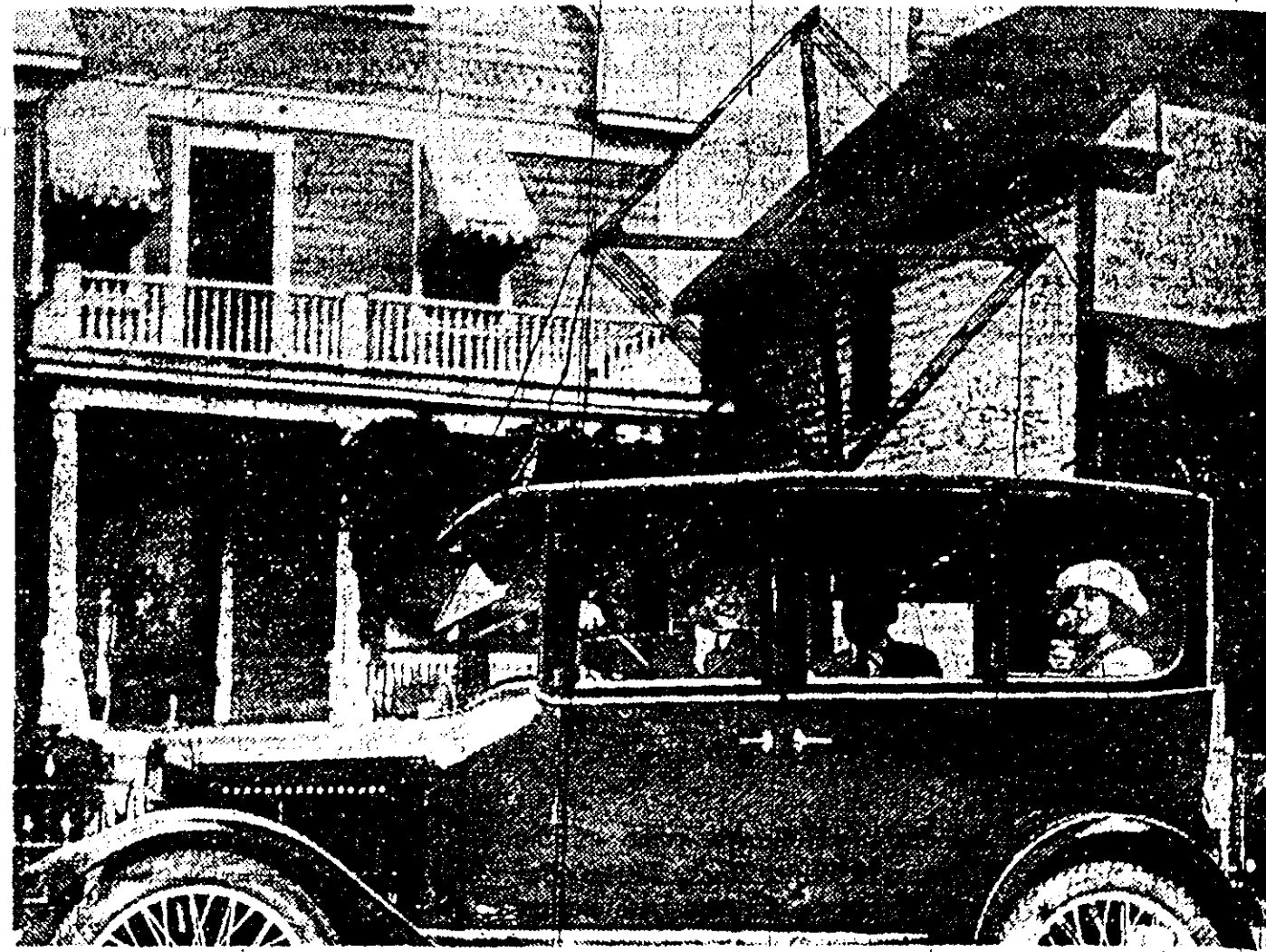
The first radiophone broadcasting automobile in the world was operated on the streets of Winnipeg Wednesday afternoon in a test trip which proved an unqualified success.

The remarkable feat of broadcasting the human voice through the ether from a rapidly moving car, using a specially designed transmitter, was accomplished after exhaustive experimental work by L. V. Salton, radio engineer.

As the radio car wound in and out of traffic, at high and low speeds, stopping for the signals of traffic officers, the voice of Miss Louise Lovely was flashed through the ether to receiving stations in the city and countryside as she chatted with the invisible listeners-in. Stations picking up the broadcasting of the radio car reported signals were heard clearly, and with excellent strength and modulation.

Inquiry among important radio centres of the continent have failed to bring to light any previous instances of transmitting from a car. Mr. Salton stating his conviction that Wednesday's experiment was the first of its kind successfully concluded in the history of radio.

Technical interest in radiophone operating in a moving car, both in transmitting and receiving, centres about the ground connection which is absolutely necessary to the operation of either set. Insulated as the car is by four rubber tires, all ground connection proper becomes impossible. Although Mr. Salton did not go into details of the principle on which he operates his transmitting set without a real ground connection, he explained that it is a further de-



velopment of the counterpoise system used for reception on his car, as reported in a recent issue of the Free Press.

The set used in transmitting is one designed by Mr. Salton. Set in the front of the car, under easy control of the driver, it occupies only the room generally taken by one per-

son seated in the vehicle. Power for operation is obtained by the use of a high voltage generator attached to the fan belt of the motor, an auxiliary set of "B" batteries and an eight-volt storage battery for filament lighting. A loop aerial set in perpendicular position on the roof of the small sedan car completed the

remarkably compact set.

While it is admittedly an experiment in the apparently limitless fields of radio, broadcasting from a moving vehicle serves to demonstrate the tremendous strides which have been made in the development of the newest and most popular scientific marvel of the time.

BRITISH COMMUNISTS

trade with Russia, the withdrawal of Japanese troops from the Far East

conformity with that of the United States.