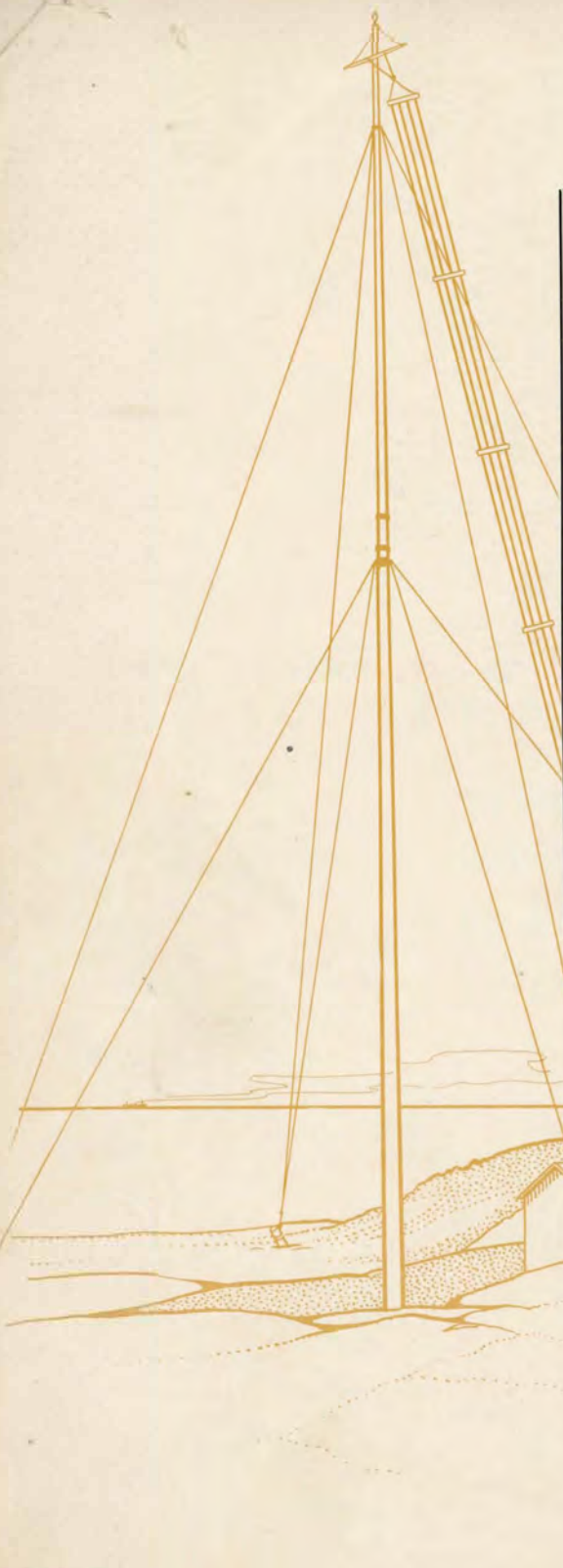




MCCARTY WIRELESS TELEPHONE

“Things *move along so rapidly now-a-days that people who say ‘It can’t be done,’ are interrupted by somebody doing it.*”

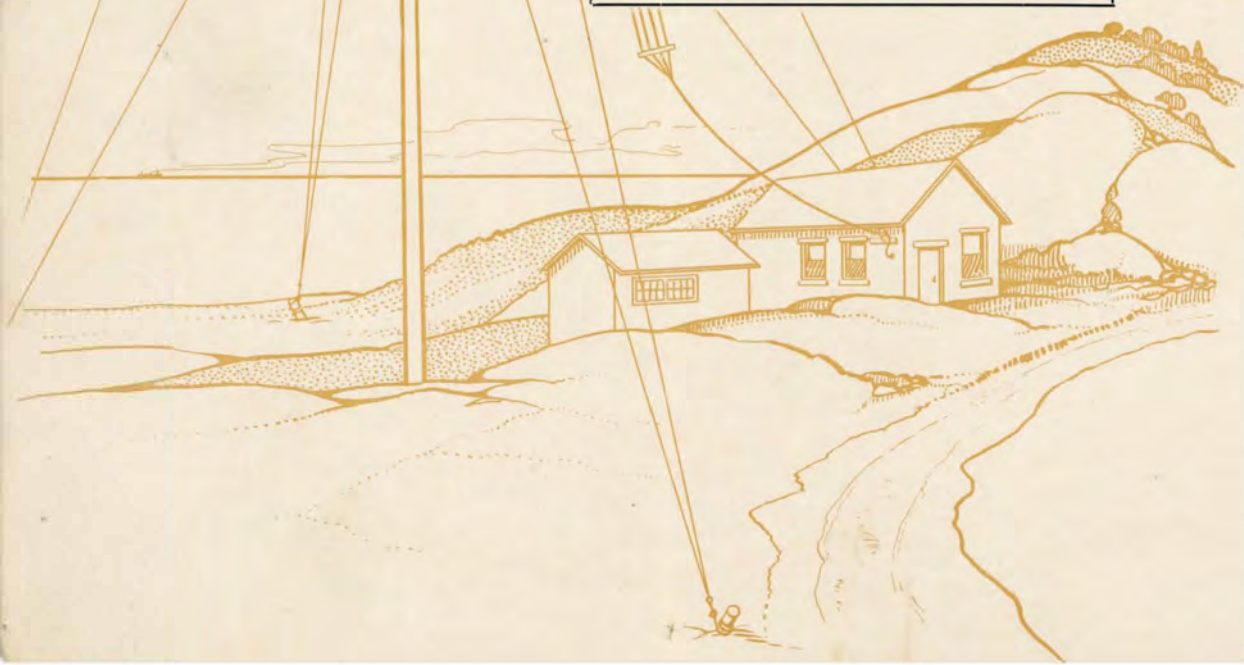


THE purpose of this booklet is to supply a growing demand for exact information as to the utility and practicability of the McCarty wireless telephone.

Up to the present time the field of the wire telephone is restricted to inter-communication in cities and to interurban work. For this reason the busy man's familiarity with the field of telephone service is limited to the possibilities of the wire system, and he is prevented from realizing the existence of almost limitless new fields for telephone operation which can be opened up at a profit by a wireless telephone.

A great deal more than fifty per cent. of the earth's surface is forever closed to the wire telephone. This tremendous handicap is due to two insurmountable obstacles, namely, the necessity of wire connections and the great cost of erecting and maintaining them.

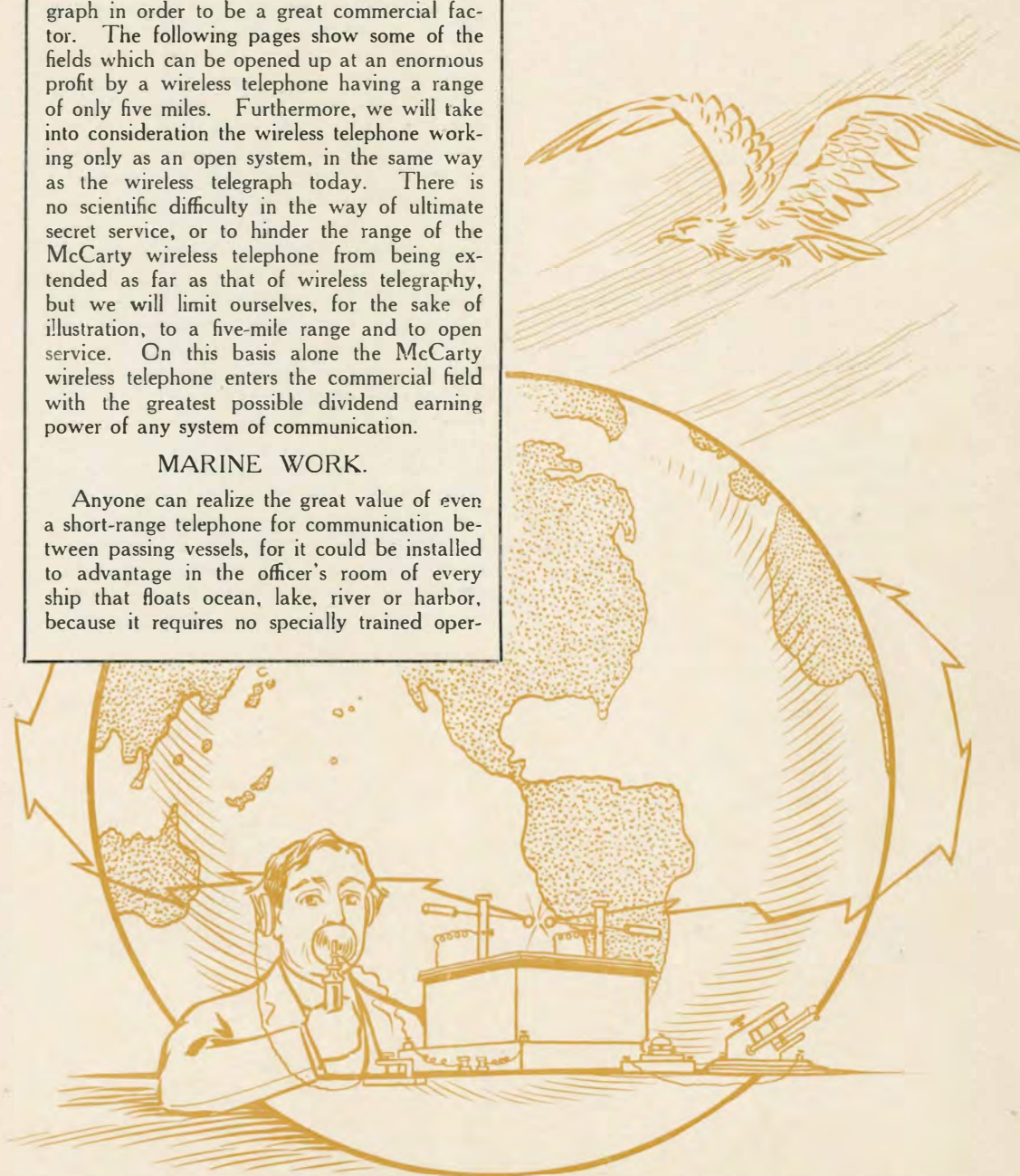
But the McCarty wireless telephone sweeps away these obstacles and puts into rapid communication with the outer world the most inaccessible districts. Nor would it be necessary for such a wireless telephone to have an extensive operating range like the wireless tele-




graph in order to be a great commercial factor. The following pages show some of the fields which can be opened up at an enormous profit by a wireless telephone having a range of only five miles. Furthermore, we will take into consideration the wireless telephone working only as an open system, in the same way as the wireless telegraph today. There is no scientific difficulty in the way of ultimate secret service, or to hinder the range of the McCarty wireless telephone from being extended as far as that of wireless telegraphy, but we will limit ourselves, for the sake of illustration, to a five-mile range and to open service. On this basis alone the McCarty wireless telephone enters the commercial field with the greatest possible dividend earning power of any system of communication.

MARINE WORK.


Anyone can realize the great value of even a short-range telephone for communication between passing vessels, for it could be installed to advantage in the officer's room of every ship that floats ocean, lake, river or harbor, because it requires no specially trained oper-





ator. Such a service, by substituting a means for direct telephone communication, would do away with the present crude methods of signalling with flags, lights, etc., by which passing vessels interchange important information for their mutual safety. It would also enable all river, lake and harbor craft to be in constant communication with the shore and one another, and thus facilitate the despatch of traffic.

In addition to the great benefit this service would prove to shipping interests in general, this field of operation alone will be immensely lucrative to the company owning this telephone. A few figures will emphasize this fact. A conservative estimate of the number of ships in actual service puts it at about forty thousand. To be more conservative, we will take as a basis only a quarter of this number as using this telephone, which would bring the number down to ten thousand. The cost of installation for each ship would be well under \$50.00 a set. On this basis, ten thousand ships could be outfitted at an expenditure of \$500,000. These instruments would command at least \$20 per month rental. This

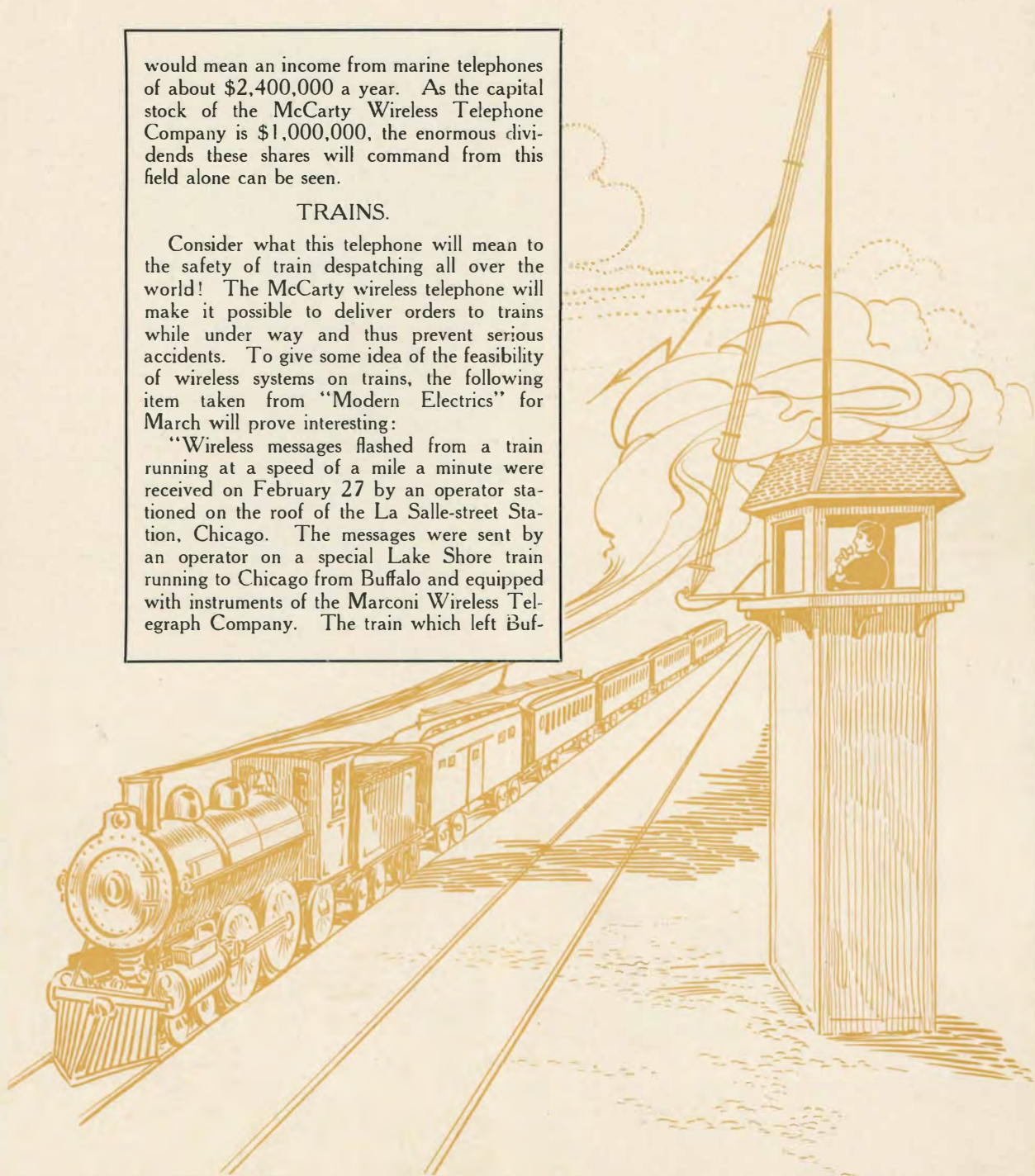


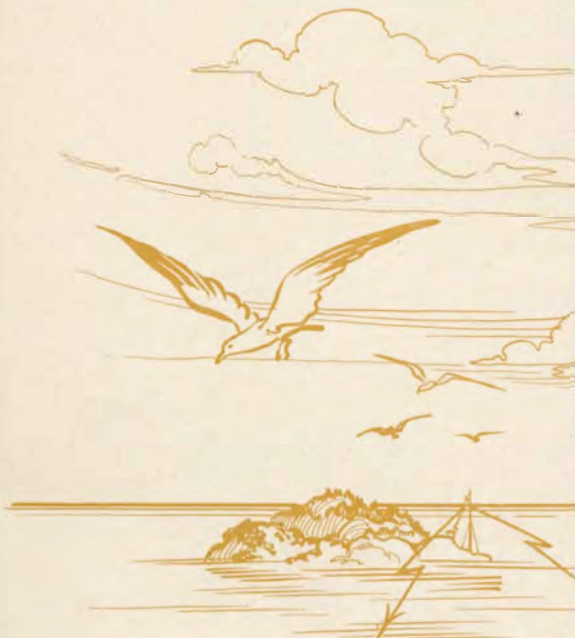
would mean an income from marine telephones of about \$2,400,000 a year. As the capital stock of the McCarty Wireless Telephone Company is \$1,000,000, the enormous dividends these shares will command from this field alone can be seen.

TRAINS.

Consider what this telephone will mean to the safety of train despatching all over the world! The McCarty wireless telephone will make it possible to deliver orders to trains while under way and thus prevent serious accidents. To give some idea of the feasibility of wireless systems on trains, the following item taken from "Modern Electrics" for March will prove interesting:

"Wireless messages flashed from a train running at a speed of a mile a minute were received on February 27 by an operator stationed on the roof of the La Salle-street Station, Chicago. The messages were sent by an operator on a special Lake Shore train running to Chicago from Buffalo and equipped with instruments of the Marconi Wireless Telegraph Company. The train which left Buf-






falo at 10:30 o'clock in the morning was composed of ten cars. One wireless telegraph station was located at Cleveland, another at Toledo and a third at Elkhart. The first message received was when the train was eighty miles east of Cleveland and running at a high rate of speed. The first message received from the train in Chicago was sent from a point near La Porte. On the train messages were received before the train reached Cleveland, and from that time until the train reached Chicago."

The McCarty wireless telephone requires no specially trained operator, and its importance as a life-saver along the thousands of miles of railroad tracks which girdle the globe can be readily appreciated.

MINES.

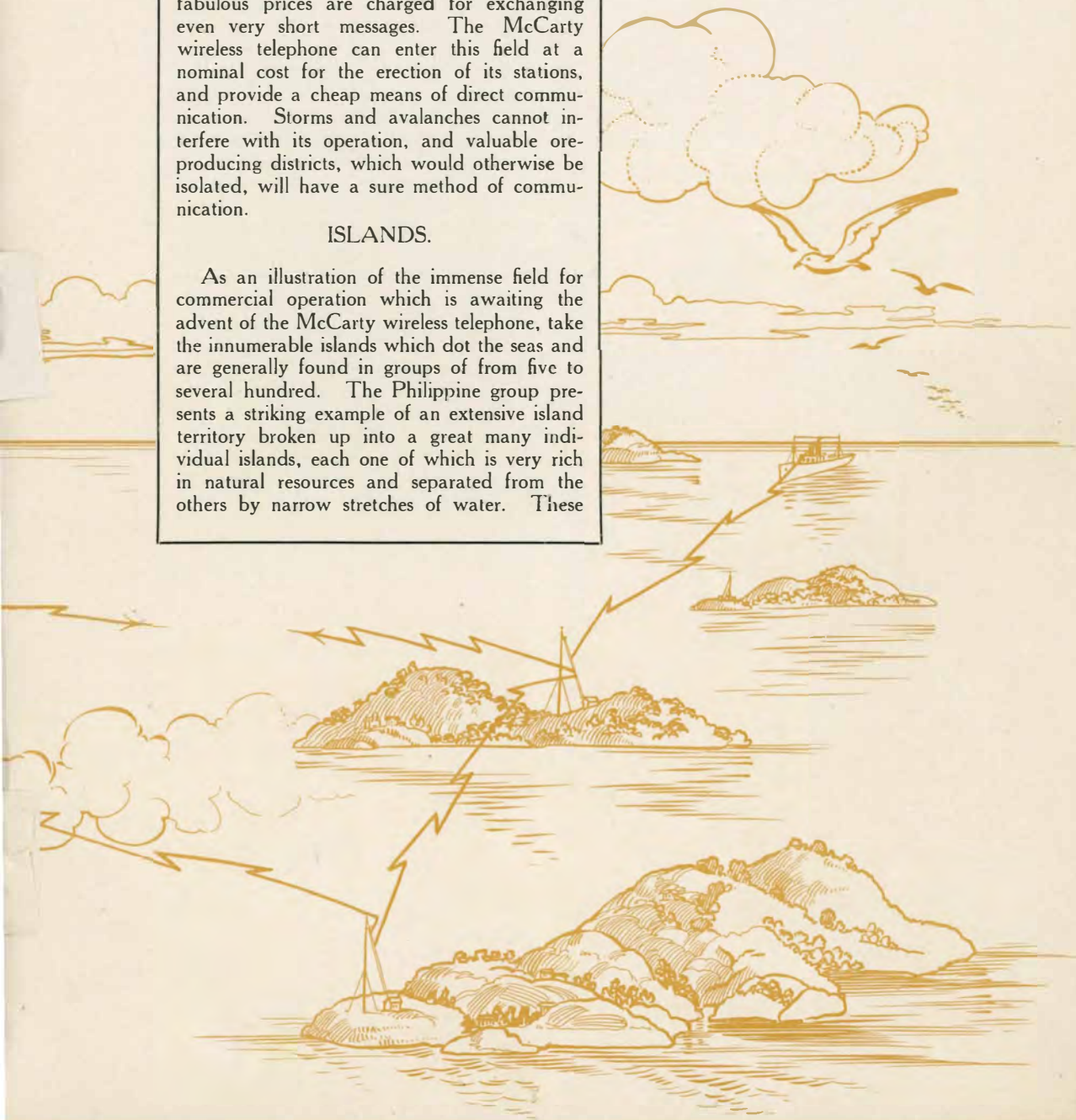


Ninety per cent. of the gold, silver, copper and coal mines, and, in fact, mines of every description, are located in almost inaccessible mountain ranges, which are subject at all times to terrific storms, thus making the maintenance of any method of communication with the outside world by wires extremely difficult, if

not impossible, and very costly. So much is this so that mines reached by wire telephone service today are the exception, and almost fabulous prices are charged for exchanging even very short messages. The McCarty wireless telephone can enter this field at a nominal cost for the erection of its stations, and provide a cheap means of direct communication. Storms and avalanches cannot interfere with its operation, and valuable ore-producing districts, which would otherwise be isolated, will have a sure method of communication.

ISLANDS.

As an illustration of the immense field for commercial operation which is awaiting the advent of the McCarty wireless telephone, take the innumerable islands which dot the seas and are generally found in groups of from five to several hundred. The Philippine group presents a striking example of an extensive island territory broken up into a great many individual islands, each one of which is very rich in natural resources and separated from the others by narrow stretches of water. These

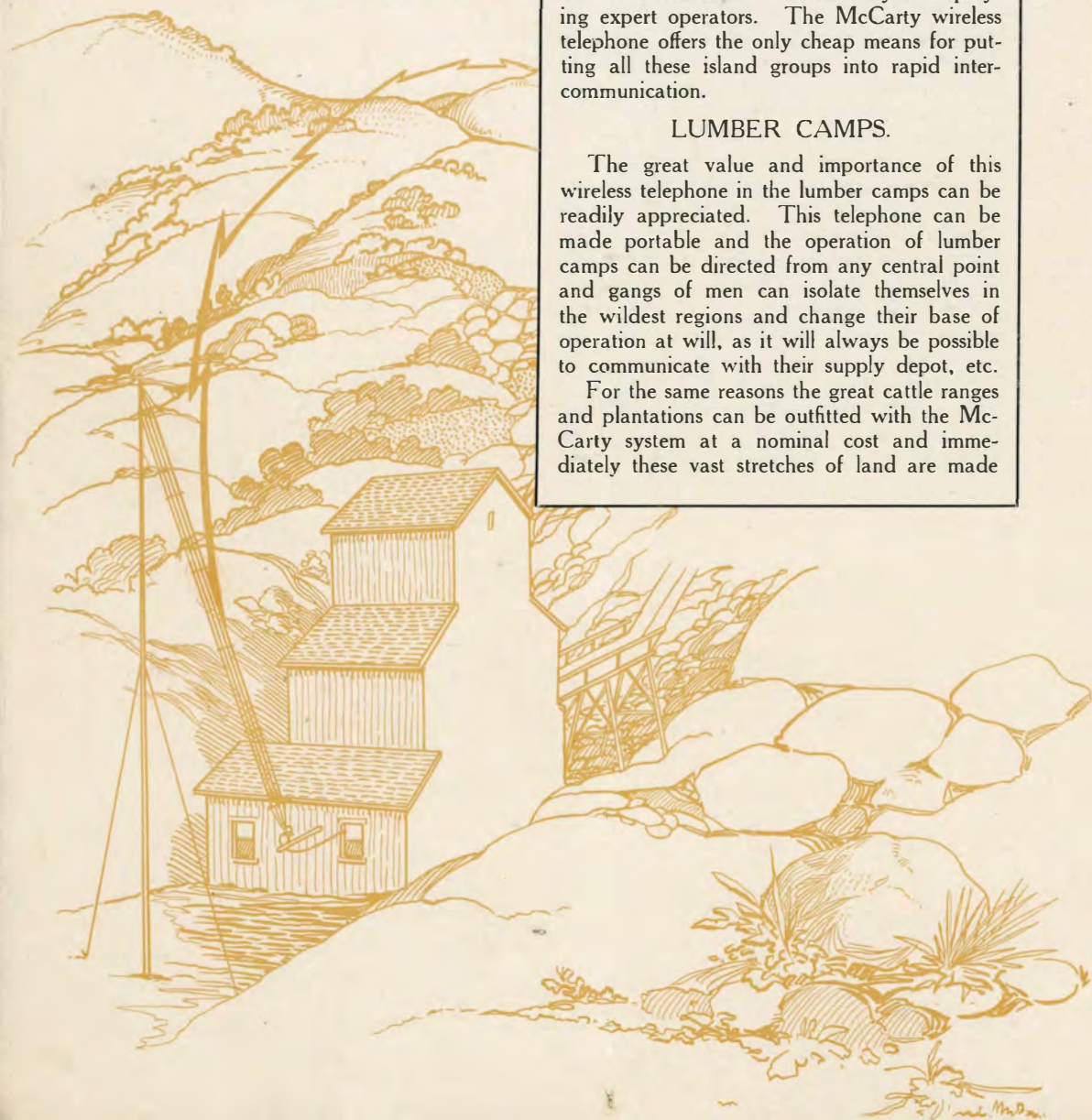


narrow stretches of water, however, are sufficient to prevent any means of rapid communication, except by the use of submarine cables which are so costly to install and maintain as to be entirely out of the question, or by wireless telegraphy, which is too expensive for this use on account of the necessity of employing expert operators. The McCarty wireless telephone offers the only cheap means for putting all these island groups into rapid intercommunication.

LUMBER CAMPS.

The great value and importance of this wireless telephone in the lumber camps can be readily appreciated. This telephone can be made portable and the operation of lumber camps can be directed from any central point and gangs of men can isolate themselves in the wildest regions and change their base of operation at will, as it will always be possible to communicate with their supply depot, etc.

For the same reasons the great cattle ranges and plantations can be outfitted with the McCarty system at a nominal cost and immediately these vast stretches of land are made



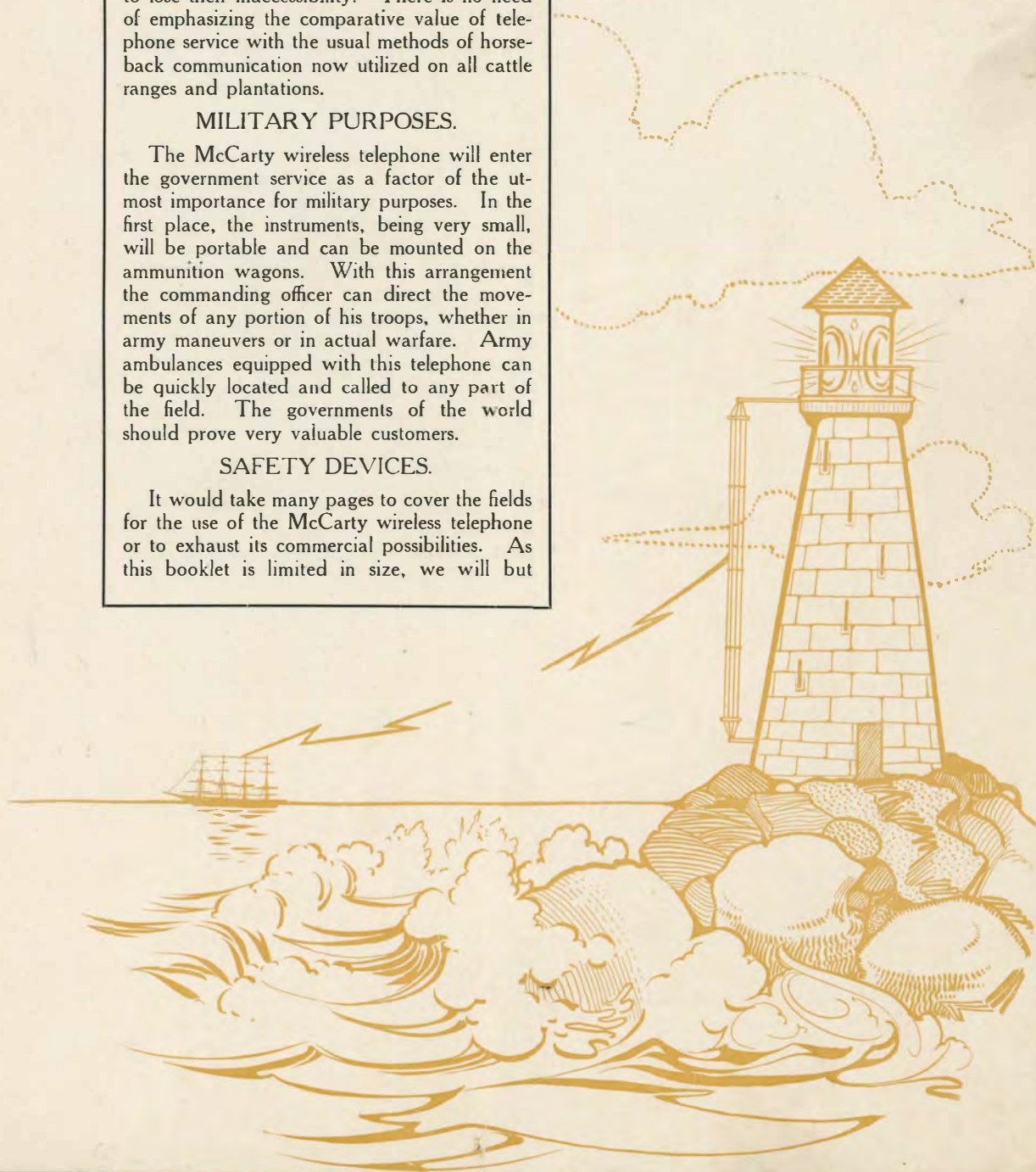
to lose their inaccessibility. There is no need of emphasizing the comparative value of telephone service with the usual methods of horse-back communication now utilized on all cattle ranges and plantations.

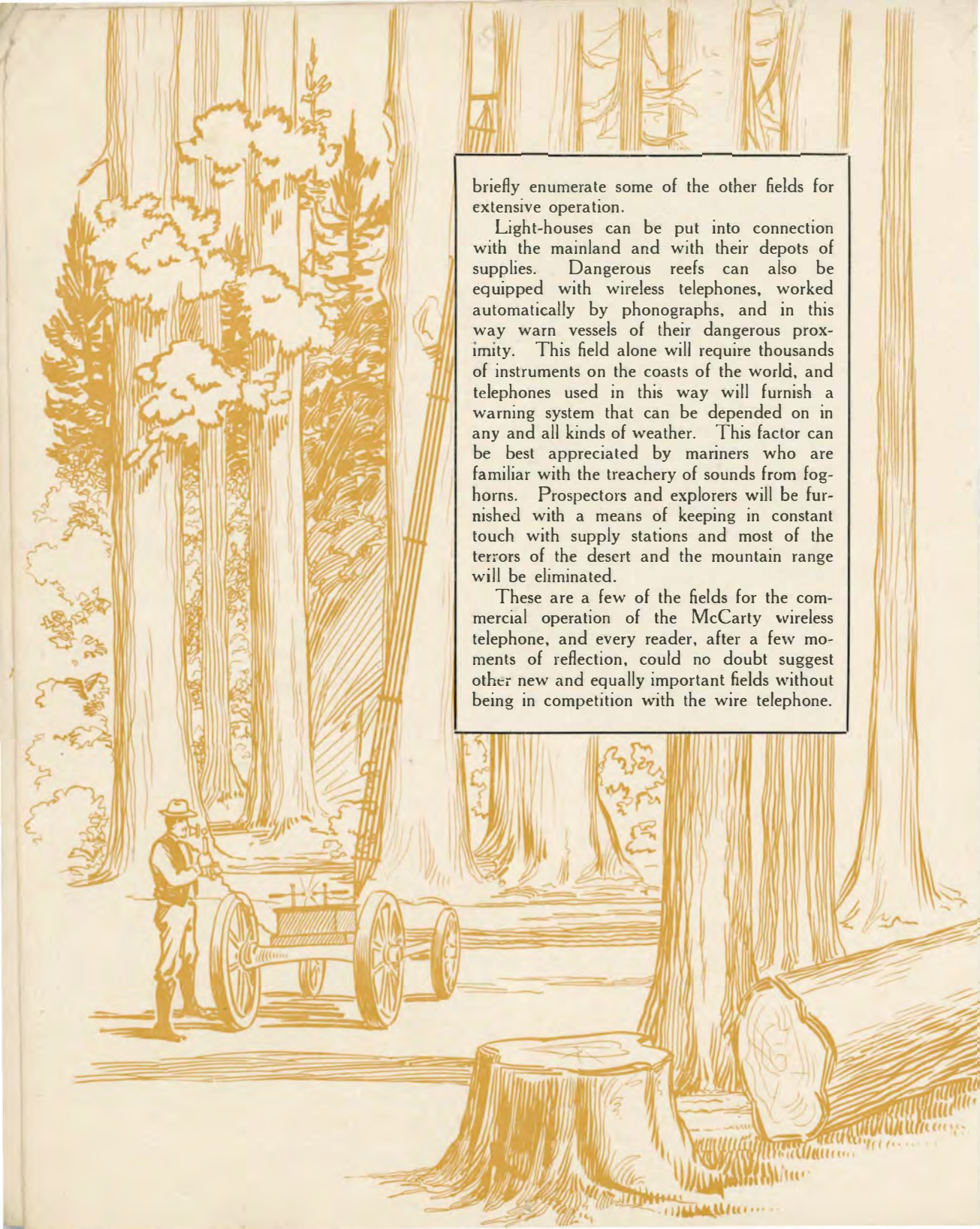
MILITARY PURPOSES.

The McCarty wireless telephone will enter the government service as a factor of the utmost importance for military purposes. In the first place, the instruments, being very small, will be portable and can be mounted on the ammunition wagons. With this arrangement the commanding officer can direct the movements of any portion of his troops, whether in army maneuvers or in actual warfare. Army ambulances equipped with this telephone can be quickly located and called to any part of the field. The governments of the world should prove very valuable customers.

SAFETY DEVICES.

It would take many pages to cover the fields for the use of the McCarty wireless telephone or to exhaust its commercial possibilities. As this booklet is limited in size, we will but





briefly enumerate some of the other fields for extensive operation.

Light-houses can be put into connection with the mainland and with their depots of supplies. Dangerous reefs can also be equipped with wireless telephones, worked automatically by phonographs, and in this way warn vessels of their dangerous proximity. This field alone will require thousands of instruments on the coasts of the world, and telephones used in this way will furnish a warning system that can be depended on in any and all kinds of weather. This factor can be best appreciated by mariners who are familiar with the treachery of sounds from fog-horns. Prospectors and explorers will be furnished with a means of keeping in constant touch with supply stations and most of the terrors of the desert and the mountain range will be eliminated.

These are a few of the fields for the commercial operation of the McCarty wireless telephone, and every reader, after a few moments of reflection, could no doubt suggest other new and equally important fields without being in competition with the wire telephone.

The McCarty Wireless Telephone

Does not require an expert operator.

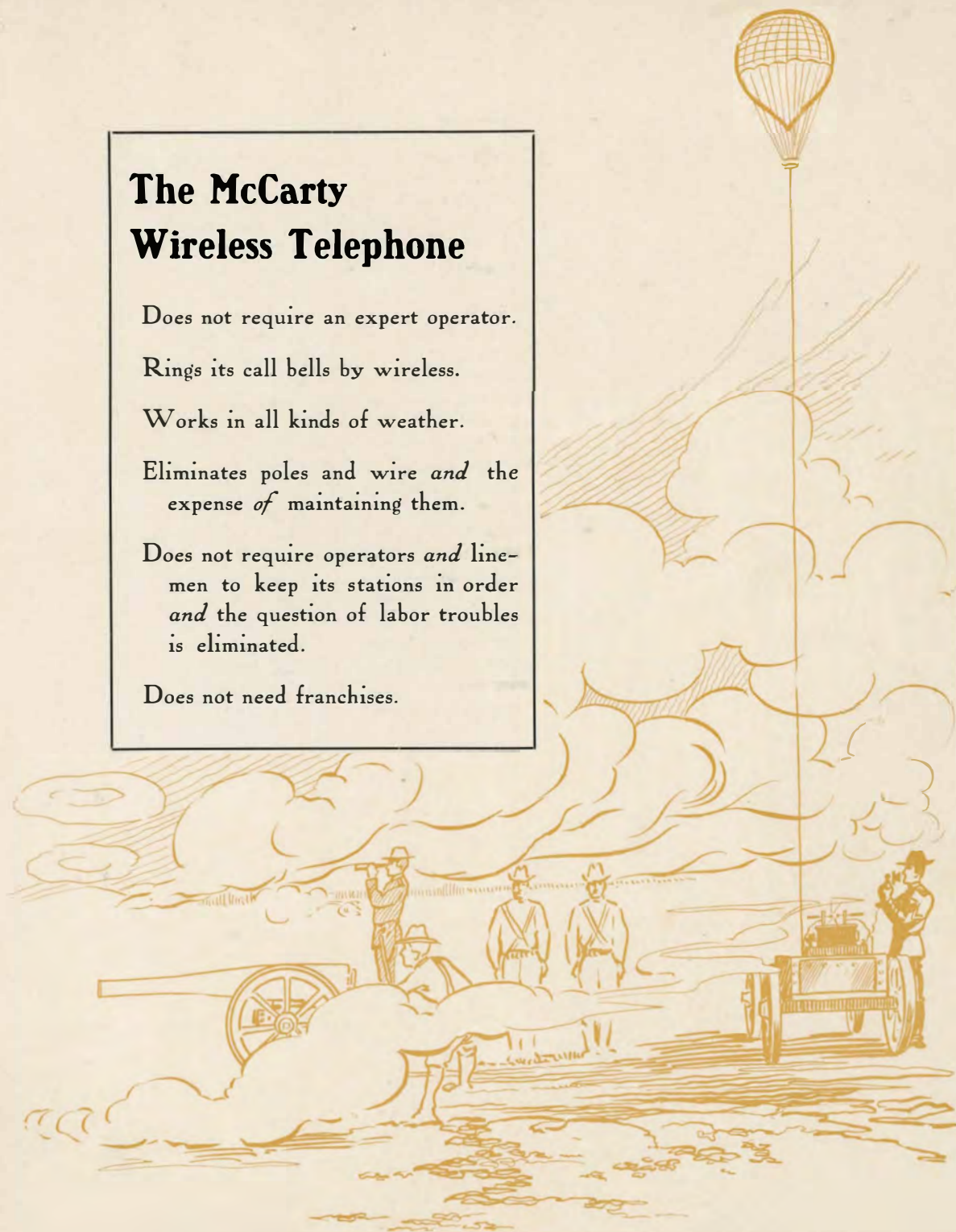
Rings its call bells by wireless.

Works in all kinds of weather.

Eliminates poles and wire *and* the
expense *of* maintaining them.

Does not require operators *and* line-
men to keep its stations in order
and the question of labor troubles
is eliminated.

Does not need franchises.



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