

**New Postmaster General Is Radio Fan**

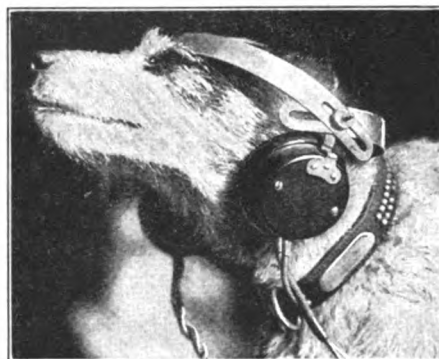
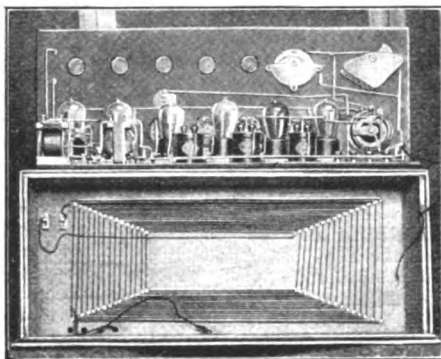
DAILY reports from branches of the postal service and from the mail plane service in all parts of the United States now are received by radio in the Post Office Department at Washington, D. C. The new

postmaster general, Harry S. New (at left) is shown listening in on the reports. Seated at the radio desk, tuning the receiving instrument, is the second assistant postmaster, Col. Paul Henderson.

**Portable Loop Aerial Set Covers Long Distances**

RECEPTION over distances of more than 1000 miles using a loop aerial is attained by Rutledge Mayo, of New York City, with the set pictured below.

The self-contained loop aerial is shown in the back of the cabinet. The set consists of three stages of radio frequency, detector, and two stages of audio frequency amplification.



**London Dog Listens to Broadcast Bat Calls**

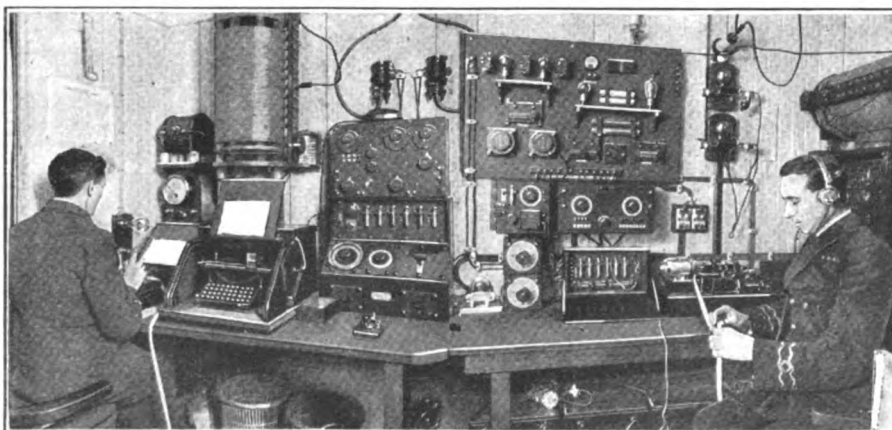
TO TEST out a theory that the calls made by bats are heard only by animals, bat calls were broadcast by radio recently in an interesting experiment at London, England. Receiving phones were placed on the ears of dogs. The attitude of the airdale in the photograph indicates that he has heard the bat calls as he is sniffing the air to find the bat's scent.

**Liner Majestic Has Automatic Radio Sets**

THE great White Star liner Majestic recently has been equipped with automatic transmitting and receiving sets which permit the sending of radio messages at the speed of 80 words per minute when the

vessel is 1000 miles at sea. The receiver prints the dots and dashes on a tape which later can be deciphered at leisure.

The apparatus receives the words faster than a man can decipher them.



The Majestic wireless room, showing automatic transmitting and receiving instruments

**Crew of Submarine Enjoys Radio Concerts**

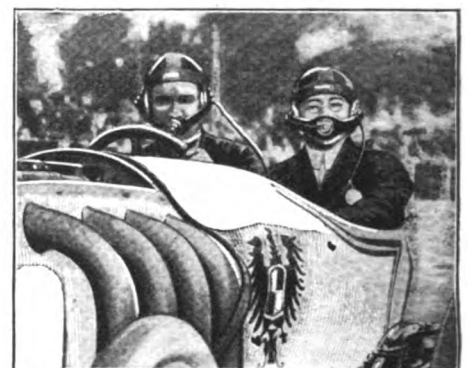


THE joys of radio now reach even the crews of Uncle Sam's submarines. While the S-50 lies at the New York Navy Yard, at Brooklyn, N. Y., the crew sets up its outfit on deck and gathers about the loud speaker to enjoy news and entertainment sent out by powerful broadcasting stations in the vicinity of New York City.

**Radio on Racing Autos to Prevent Accidents**

THE latest addition to the innumerable new uses for radio is its installation on racing automobiles and in race track pits.

Many accidents in racing have been due to the fact that drivers going at terrific



A radio equipped racing car. Note head phones and transmitters attached to head gears of driver and mechanic

speeds could not be notified that accidents to other cars were obstructing the course, thus making collisions with such cars inevitable.

By the use of a radio apparatus perfected by Bernays Johnson, it is possible for the racing drivers to keep in constant communication with the pits, and report not only information regarding their own progress but also to warn other drivers of dangers in the paths of the cars.

Although the apparatus has been made very compact, and the car installation weighs only 10 pounds, no trouble has been experienced by either drivers or pitmen in establishing and maintaining communication with each other.

This device will doubtlessly prevent many accidents on the race track.