

BRUNSWICK CASH FOR MUSIC MEMO

\$5,000 Will Be Awarded
Monthly to Winners.

NEW YORK, Jan. 29.—To foster a deeper understanding and appreciation of good music, the first national Radio Musical Memory contest will be broadcast from six of the principal stations of the country, starting the evening of Feb. 2, during the "Brunswick Hour of Music," at 10 p. m., eastern time, or 9 p. m., central time.

Everybody in America is eligible to enter. The broadcasting of operatic stars, famous symphonies and foremost orchestras will be done from the Brunswick laboratories in New York City every Tuesday evening and relayed through Stations WJZ, New York; WGY, Schenectady; WRC, Washington.

Arrangements are being perfected to include soon Station KOA, Denver, and KGO, Oakland, Cal., so as to reach every radio musical fan from coast to coast.

Twenty thousand people are expected to take part in this test of music memory, which aside from its educational value, will be stimulated by a competition for the winning of cash prizes, totaling \$5,000 monthly. First prize of \$1,000; second, \$500; third, \$300; fourth, \$200; ten of \$100 each, and forty of \$50 each. In case of tie duplicate prizes will be awarded all tying contestants.

Lists of musical selections from which the numbers of each Tuesday evening "Brunswick Hour of Music" will be selected will be given in advance. These lists may be obtained in any town or city within the radius of the stations broadcasting the program.

Competitors are not to send in their answers until after the final "Brunswick Hour of Music" program each month.

That people musically inclined who are not fortunate enough to possess radio outfits may have an opportunity to enter the contest on an equal footing with the owners of sets, arrangements having been made to permit the public to listen in at any Brunswick headquarters Tuesday evenings.

GOOD GROUNDS ADD VOLUME

Cold Water Pipe Makes Best
Connection.

A good ground connection is vital to the best operation of the radio receiver. On crystal sets, where the amount of energy employed is small, the additional volume resulting from the use of a good ground or several good grounds is readily noticeable. The increase in volume with tube sets is not so pronounced, but the range of the receiver improves as the efficiency of the ground connection is increased.

The best ground connection is made by connecting to the cold-water pipes or to a pipe or iron rod driven into the ground until it reaches moist soil. In either case the connection between the ground wire from the set and the metal of the pipe is of utmost importance. Simply wrapping the wire around the pipe is a makeshift.

It is difficult to solder a wire to a pipe, especially if the pipe contains water. Scrape or file the surface of the pipe until all paint and rust has been removed. Place a ground clamp around the prepared spot, tighten the clamp and then solder the ground wire to the clamp. In this way a good connection is assured.

Think of It

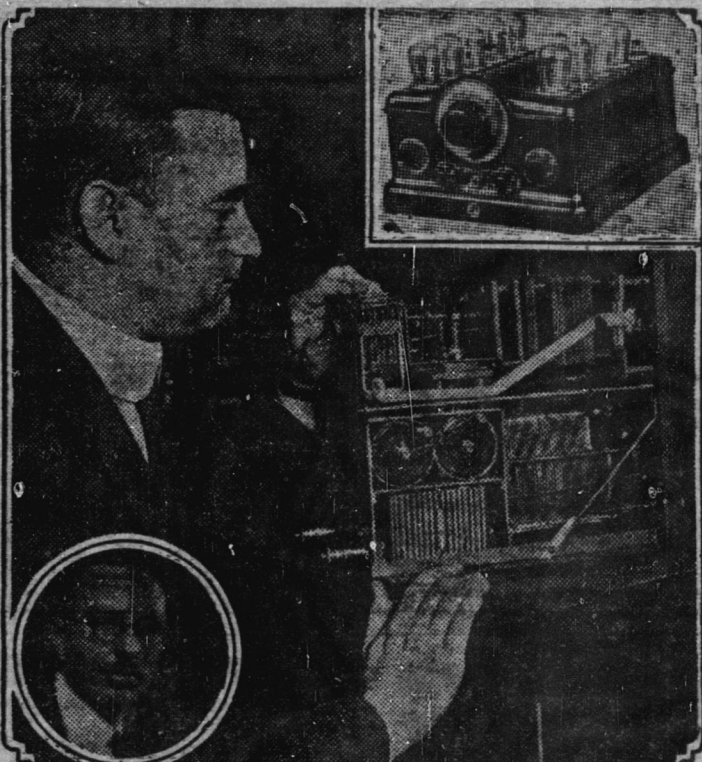
Robert Lawrence, community leader of Washington, D. C., sings this verse in the now famous "Hambone Song":

"All kinds of things are used today
To make the radio cheaper;
But Adam gave a rib away
To make the first loud speaker."

Importance of Location

The signal strength of a radio set will be affected if the cabinet is on a table located near a steam radiator or other metal, or if the aerial lead is parallel to absorbing material. The difference is remarkable sometimes when the set is moved to another part of the room or house.

EASY TO TUNE



THE SINGLE CONTROL RECEIVER IS A BOON TO THE NOVICE. BECAUSE OF ITS SIMPLICITY AND EASE IN TUNING, IT IS MAKING RAPID PROGRESS IN POPULARITY. DR. ALFRED N. GOLDSMITH, RADIO ENGINEER, IS SHOWN WITH A SET HE DESIGNED. INSET BELOW IS PHOTO OF JOHN V. L. HOGAN, ANOTHER ENGINEER WHO DESIGNED A SINGLE CONTROL UNIT IN 1912. AT TOP RIGHT IS A SET INCORPORATING HOGAN'S UNIT.

UNIVERSITY TAKEN TO RURAL SCHOOLS

Kansas to Give Instruction
by Radio.

By NEA Service

MANHATTAN, Kan., Jan. 29.—The 9,000 country schools of Kansas are going to be radioized.

A state-wide campaign is being planned for the equipment of these schools with receiving sets so that they may listen in on education and other programs from Station KSAC, conducted by the Kansas State Agricultural College here.

Even before these schools are to be equipped with receiving apparatus, a program has been planned for their benefit. Some, which have sets, will participate in the opening exercises to be broadcast, Feb. 1.

These opening exercises from KSAC will inaugurate not only a State-wide rural educational program by radio, but will also be the beginning of a radio Sunday service

for the hundreds of communities that have no pastors.

This ambitious plan has been mapped out by the extension and broadcasting managers of the Kansas State Agricultural College with the hope of starting a broadcasting stunt that will eventually be adopted throughout the country. Sam Pickard, program director of KSAC, says he expects his educational and religious broadcasts to be picked up by schools and churches in surrounding States, as well as throughout Kansas.

Bright Surfaces Best

The parts of a radio set work best when they are bright. A dull surface usually means that corrosion has taken place, which offers resistance to high-frequency radio currents. As radio frequency currents travel on the surface it may pay to brighten the parts of the set sometimes.

Reports Foreign Station

Joseph Ayers, 2127 N. Keystone Ave., reports that last Sunday evening he picked up a station who's call he understood to be either AXAY or HXAY with the announcement that this was a new station that had just come on the air and was located in either Sweden or Denmark, as he was unable to hear the name of the country plainly.

A
and
B

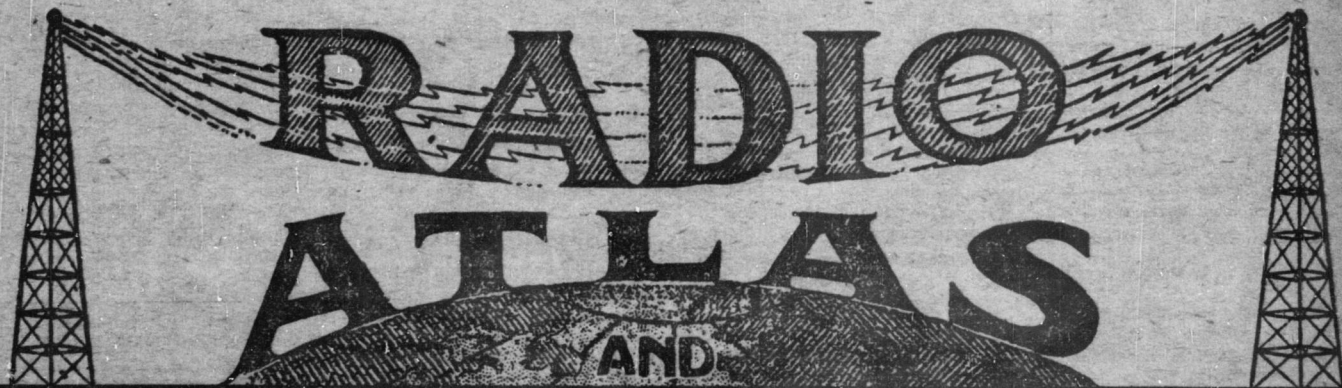
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