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 Equal in quality to any socket using bottom contact.

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 CRYSTAL RECTIFIER

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Solution for Broadcasting Difficulties Offered

AN advanced step to eliminate interference between broadcasting stations was taken when the "power-staggered-wave-length-broadcasting plan" was presented by the National Radio Chamber of Commerce to the Hoover conference last week in Washington.

The National Radio Chamber of Commerce has been studying the broadcasting situation for over a year. At the public hearing the power plan was recommended almost in its original entirety, being one of the most constructive suggestions submitted, and meeting with general approval.

Briefly, the "power-staggered-wave-length-broadcasting plan" contemplates the use of three major bands of wave lengths. Broadcasting would be divided into three main divisions, according to the type of program furnished. Programs covering lectures, talks, reports, etc., would be broadcast on a particular wave length band. Classical musical programs would be broadcast on another wave length band, while popular musical programs would be confined to still another wave length.

In addition, the country would be divided into broadcasting districts. Broadcasting stations would operate simultaneously on the three major wave length bands. The plan has been so worked out that there is ample variation in wave lengths, and no two broadcasters will interfere with each other. In fact, three broadcasters may operate simultaneously in one district without interference, as well as several other broadcasters, in accordance with the time schedule arrangements. The idea back of the whole plan is to give the public what they want when they want it. The receiving sets are tuned to the program desired.

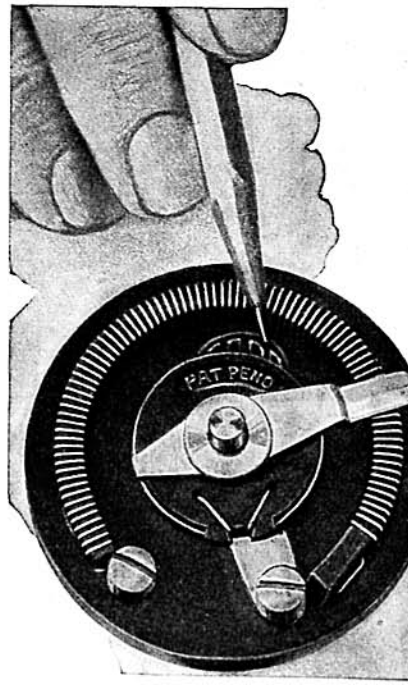
The power plan as recommended by the National Radio Chamber of Commerce was originated by Harold J. Power, of Medford Hillside, Mass. Mr. Power is vice-president of the American Radio and Research Corporation. He was a pioneer in the development of radio, and has devoted much of his time to study of the broadcasting situation, being an active member of the special Broadcasting Committee of the National Radio Chamber of Commerce.

WDAP Proves Its Power in Unusual Way

RADIO history was made recently through the efforts of Thorne Donnelley and Elliot Jenkins, in charge of broadcasting at Station WDAP, Drake Hotel, Chicago. While the letters WDAP are merely a designation by the government for this station alone, they have been most appropriately interpreted as meaning "We Do Atlantic-Pacific" in view of the extremely wide range of "pick up" from this powerful inland station, which has been designated as the official broadcasting station of the Chicago Board of Trade.

On the S. S. "Berengaria," clearing 600 miles a day, which sailed from New York January 30th, Miss Florence McDonald had installed a receiving set. From January 30th to February 4th, every day at appointed hours, messages were flashed vocally by Mr. Donnelley, heard and recognized aboard the "Berengaria."

Each time an erroneous statement regarding the length of the Berengaria would be made (newspaper men picked the number haphazard out of a hat a few minutes before the broadcasting) and each time came back the answer from the steamship giving the incorrect length as well as the correct length, now 250 miles out, then 725 miles out, again 1286 miles out, again 1824 miles and so on until the maximum distance was reached. This was the first successful attempt to reach a voyaging ship from an inland station, on a predetermined schedule. No special tubes were used by the Drake station nor in the receiving set.



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- 152-A Potentiometer (200 ohm) 1.00
- 153-A Rheostat (8 ohm)... 1.00
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- 155-A Vernier Rheostat (8 ohm) 1.50

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