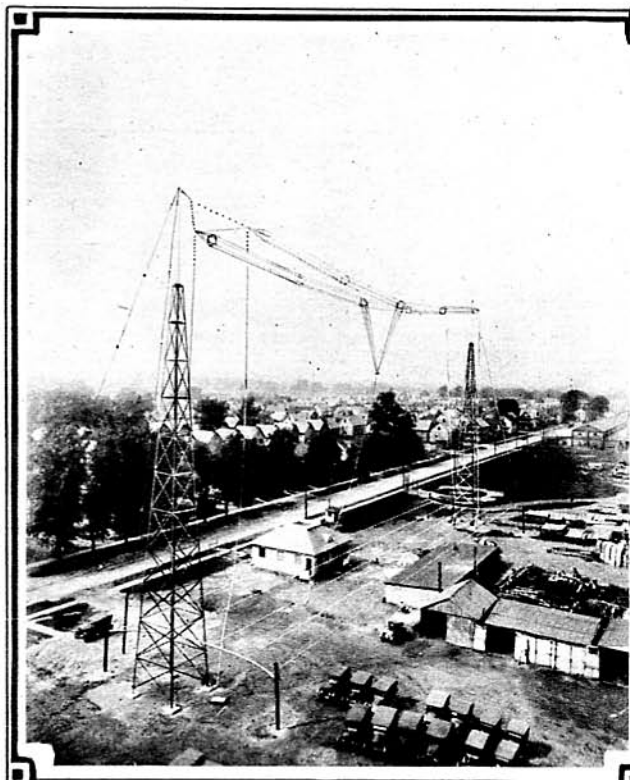
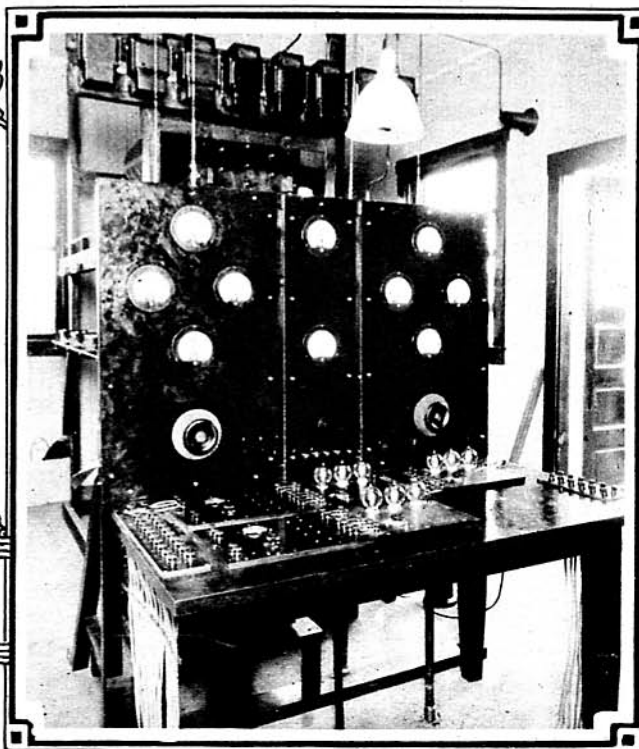


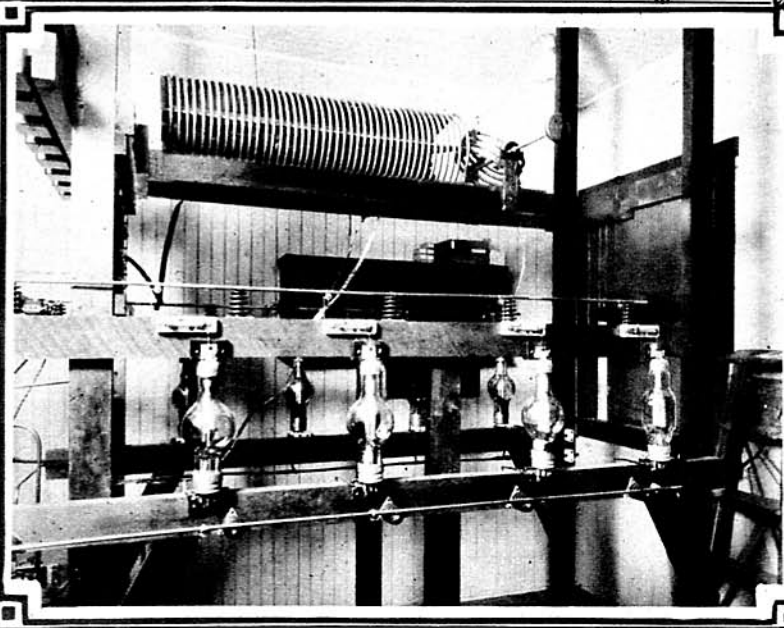
WTAM, A Battery-Operated Broadcasting Station



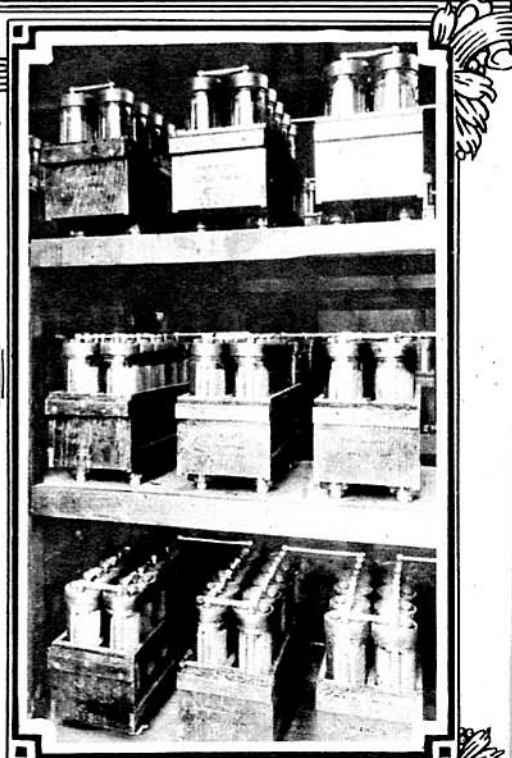
A Very Good View of the Massive Lattice-Work Steel Towers Supporting the Antenna of Station WTAM, Owned and Operated by the Willard Storage Battery Co., Cleveland, Ohio. In Order to Obtain Maximum Radiation of Energy, a Large Counterpoise is Used Instead of a Ground Connection. This is Suspended Directly Underneath the Antenna and About 15 Feet from the Earth.



The Entire Operation of This Station is Controlled from the Switchboard Shown in the Above Photograph. This Includes the Power Amplifiers and the Various Meters That Tell at a Glance the Performance of the Transmitter. This Station is of Unusual Interest, as the Power for Operating is Obtained from Storage Batteries Instead of a Motor-Generator.



A Rear View of the Transmitting Panel Showing the Large 250-Watt Oscillator Tubes and the Smaller Modulator Tubes. The Antenna Inductance is Seen Directly Above Them. This is Composed of Heavy Copper Tubing. Note the Ticker Coil Coupled To It.



A Section of the Bank of Storage Cells Used at WTAM for Operating the Transmitter. The Advantages of Using a Pure Direct Current Are Shown in the Perfect Modulation of All Material Transmitted from This Station.