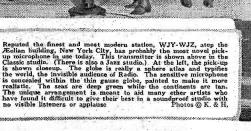
GLOBE PICK-UP PICTURES AUDIENCE

Here is the control operator at WJY-WJZ with the new double pick-up microphone half open. All of the harsh, mechanical parts are enveloped and hidden by the unique globe arrangement. The globe is about eighteen inches in diameter and stands on a mahogany pedestand



The heart of WJY-WJZ, an oscillograph that shows the Radie waves as they leave the antenna. This allows corrections to regulate the modulation, etc. There is an actual "motion" picture of the wave on the revolving square mirror. Operator W. E. Tesch is observing



CFCN PLANT HELPS TO CALIBRATE SETS

CANADIAN STATION SENDS ON VARIED WAVES

Announcer Begins at 10:30 O'clock and Works on Rising Scale from 200 Meters

By Jeffrey J. Dingman CALGARY, ALTA.—With the object of aiding Radiophans to tune in more easily and expeditiously on broadcasting stations on their scheduled times and wavelengths, CFCN, the broadcasting station of The W. W. Grant Radio, Ltd., at Calgary, is now conducting a service which will enable listerment to calibrate their Selving sets.

gary, is now conducting a service which will chaite listeners. to calibrate their selving sets. One night a week the announcer at CFCN broadcasts on many different wave lengths, varying from 200 metres to 750 metres. The announcer commences at 10:30 o'clock, Monntain Standard time, and announces that CFCN is working on 200 metres, asking Radiophans who are on their air to not carefully use what position on their dials the politers are in while signals are being received on this wave length at the forest and the set of the

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FLEWELLING ANSWERS

By E. T. Flewelling .

(Editor's Note .- This department is written (Entor's Note.—Ins apparament is written by Mr. Plevoilling, the inventor of the famou super circuit. From the questions sent him cach week care of Radio Digest, he picks the one considered most informative for all and answers it in this column.)

They Didn't Like the Paint and He Didn't Like Radio

and He Dian't Like Kadio CHICAGO—John P. McNamara painted the front steps of a house he owned at 1935 Taylor street recently. This did not please the tenants, Mr. and Mrs. Frank O'Connor, and to show their displeasure they walked down the newly painted steps and went out. When they returned they found the aerial of their Radio set torn down. Yesterday O'Connor obtained a warrant for McNamara charging disorderly conduct.

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WJAX INSTALLS NEW LIGHT-SIGNAL SYSTEM

Announcer Can Communicate with Operator Without Speaking

CLEVELAND, 0.—In order to insure the highest class of service from WJAX, the Union Trust Co. is planning to install a soundproof telephone booth inside its studio. While the program is going on the absouncer will remain within the booth and so can communicate with the operator at all times over a private telephone, even though the operator is only in the next

though the operator is only in the next room.

A system of signal lights will be installed for immediate communication between the announcer and the operator. These lights will be amber, green, red and white. When the announcer is ready to proceed with any number on the program, he will flash the amber light to the operator. That will mean, "I am ready." The operator will then dash a green light, which will mean, "The set is in operation." He will follow this with a red flash white will mean, "The microphone is ready—go ahead." The flash of a white light to either the announcer or the operator will mean, "Answer the telephone."

In this way, even while the programs are going on, the announcer can talk to the operator, arrange for the next number on the program, and so forth, without in the Teast interfering with the actual broadcasting.

MAGNAVOX TYPE R3. Latest nationally advertised models in original sealed factory car-tons. List \$35. Special introductory offer \$25. Radio Central, Dept. D, Abilene, Kanssa.

This Convict Eases His 'Time'' with Receivers

Ohio Penitentiary Inmate Asks to Install His Set

COLUMBUS, OHIO.—The most rabid Radiophan in this section has been found. He is Erwin F. Kumler, an inmate of the Ohio penitentiary serving from three to five years for automobile stealing. He was returned recently to Cleveland to testify at the trial of his alleged partner and was given permission to return to his cell with his Radio outfit.

Kumler brought the set back from his trip and has installed it in the prison. The concert hours have been set from 6 to 7 P. M. and a loud speaker will be used. After these hours, Kumler will be allowed to continue his listening in with an individual headset.

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