## Video Signals

sages and other communications as well as television programs. The relative merits of each order to determine which in the broadcast is, roughly, the reverse studios. cheaper for television. It is probable that ultimately, when transcontinental networks have devel oped, they will consist of a com-bination of coaxial cable and radio relay.

Channels Are Limited
---Within the 50-to-88, and 174-to 216 megacycle bands, a total of 13 channels has been made available by the F. C. C. exclusively for television use. A channel is the band that one station in one community will employ. Since some of these channels are adja-cent, and interfere with each other, it is impossible for all of them to be employed for the use of television stations serving any one community. Therefore, limited number of channels available in any one city for television. New York, Chicago and Los Angeles, with seven television channels each, have the largest number. Other cities possess numbers of video channels com mensurate with the relative size of their markets and their geo graphical location—San Francisco six, Cleveland and Denver five each, Philadelphia four.

## Toys 'Too Dangerous'

CADIZ, Ohio—(UP)—The children of their little mining town can't ride their tricycles, wagons and scooters on the village sidewalks or street anymore. village council decreed the toys

DURING TELEVISION

BROADCAST SCHEDULES

VIEW THEM AT

Melang Bros.

8:30 A. M. to 9 P. M.

Are Carried

By Short Waves

The signal which is used in process by focusing on the image to be reproduced, is similar photographic camera. But the television camera has no film. Instead, it has a special tube waves. Channels assigned to the object is focused through the lens of a through the lens of a manage or thicon). The light from humications Commission are in the object is focused through the lens of the light from humications Commissions are in the object is focused through the lens of the light from humications Commissions are in the object is focused through the lens of the lens of the light from humications Commission are in the object is focused through the lens of the l

Picture in 525 Lines

IT'S NEW!

**PHILCO** 

Television

WITH PHILCO'S EXCLUSIVE

AUTOMATIC TUNING

\$359<sup>50</sup>

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52-square-inches of bright, sharp, clear television picture on the big 10-inch picture tube. Handsome con-

olette cabinet in rich mahog solette capinet in rich manug-any fits anywhere. Automatic Tuning brings in picture and sound...quick as the "click" of the channel selector. Philco 1040.

Plus \$1.80 Fed. Tax
Installation & Service
Warranty Extra

striking a surface one foot from a candle.) The image orthicon requires only 50 foot-candles.

The relative merits of each—screen consists of these millions of dots arranged in 525 horizontal lines. This is what is quality of their signals—now are being investigated by the networks and common carriers in networks are common carriers in networks.

\*365.00

Plus \$1.59 Fed. Tax. Installation Extra

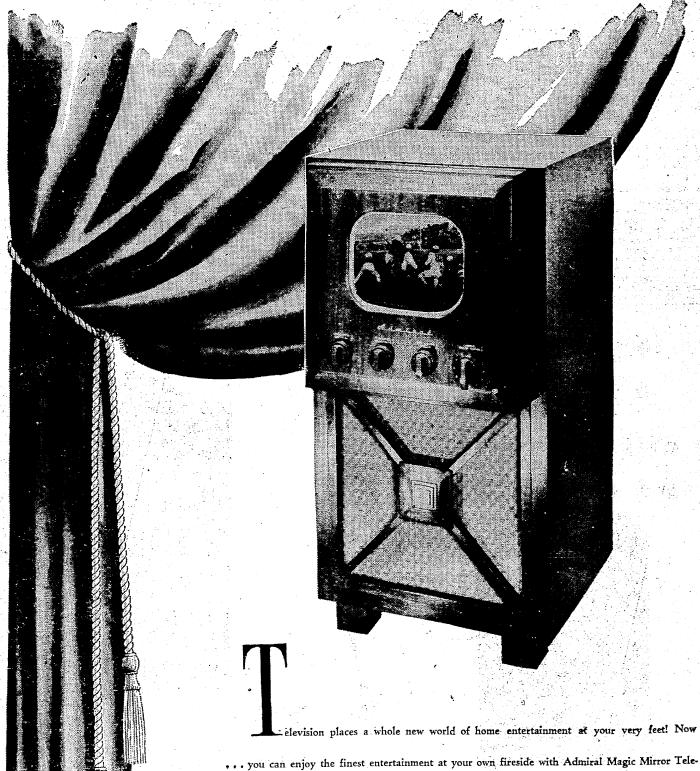
SEE US FOR A DEMONSTRATION

## Boyle Says Real Vanishing American Is Indian on Nickel

Circus Manager

SAN DIEGO, Calif., Nov. 24.—(49—Arthur M. Concello of Sarasota, Fla., manager of Ringling No longer will a kind note Brothers-Barnum & Bailey Clr-from the boss and a nickel get you a ride in the subway. It in Municipal Court on charges of violating the state safety code.

The signal works is used leaved as taleschools camera, which start the souther is content by the Tried of the Cont by ADMIRAL



elevision places a whole new world of home entertainment at your very feet! Now

vision Console with automatic image lock-in to give the clearest picture of them all! With 10-inch

direct view tube in smart, walnut matching console . . . a walnut-finish console that takes less

space . . . and costs you less . . . than many table models!

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  - 6510 Roosevelt Way
- 8421 Greenwood

· Kirkland, Wn.

• 12526 Bothell Way • 703 3rd Ave., Renton

