The Latest in Television

Television is becoming a practical reality in Germany where a method of transmission has been developed which utilizes both radio and motion-picture film. The mobile unit which broadcasts the pictures is a truck equipped to make sound movies.

After the sound pictures of an event have been taken, the film is developed aboard the truck, a process requiring only a few minutes. The film is then submitted to a scanner and the beams of light are changed into radio waves with the aid of a photo-electric cell. These waves are then broadcast, the method making it possible to take sound movies of an event like a baseball or football game and transmit the pictures.
Due to the fact that the cathode-ray tube which shows the image also acts as a rectifier, the loss of energy is not as high as usual with this form of apparatus and pictures are much clearer as a result.

The television trucks broadcast on a seven-meter wave and have a working radius of forty miles although broadcasts often are received within a radius of 120 miles. It is believed that this radius can be greatly increased or that relay stations can be set up to enable distant points to pick up such broadcasts.

In using cathode-ray tubes as receivers, it is claimed extra tubes can be fitted by extension leads to the main set, just as extension loud speakers are added to the radio.