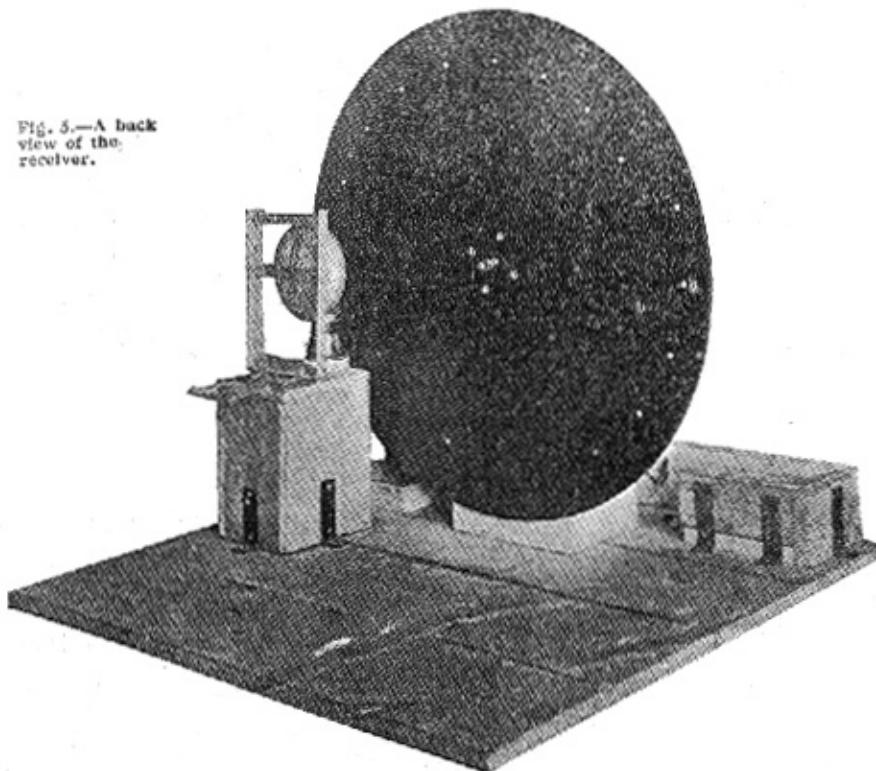


Fig. 5.—A back view of the receiver.



complete absence of hunting (a peculiar up-and-down swing of the image) by making the alternators run at higher speeds. The present arrangements limit their speed to about 120 r.p.m., because the best all-round speed for the discs is determined by the fact that about 240 images per minute will be found to be the most convenient number to transmit.

Certainly 400 pictures per minute should not be exceeded, or difficulties will be encountered, due to the lag of the selenium cell. Note that two images are transmitted per revolution of the disc, there being two spiral sets of holes in each disc. An obvious refinement is some simple system of gearing made up from "Meccano" parts, of 3 or 4 to 1 ratio.

Again, the amateur may wish to increase the detail in the received image. This may be done by having only one spiral of holes in each disc. For a given width of picture this will double the detail obtainable. Two discs made on this plan will well repay the trouble of making them, as much more complicated shadowgraphs may be transmitted with their aid. It will also be found that the problem of synchronism will be easier of solution, for the discs can be run at twice their former speed.

## Announcement

With reference to Condition (2) of the Baird Television Constructor's Sub-Licences granted to readers of this journal by Television Press or by the Television Society, the Editor takes pleasure in announcing that the Baird Television Development Co. has signified its agreement to the apparatus described and illustrated in the foregoing article being included in such licences, and holders thereof may therefore construct and use this apparatus in accordance with the terms of such Sub-Licence.

# A review that became a TRIBUTE



"Celestion" Model C.12, the subject of this striking testimony.

The following review of "Celestion" from "POPULAR WIRELESS" is of particular importance to listeners, coming as it does from a foremost radio journal:—

"We found Celestion model C.12 perfectly satisfactory on each of the several sets with which it was tested, ranging from two valves to a multi-valver of the super kind."

"It is some time since we have experienced so much pleasure during a loud-speaker test and we have no hesitation in saying that we consider this 'Celestion' a long way ahead of its class. Those of our readers who have the opportunity should endeavour to hear it in operation. We are sure they will agree with us when we say it is a revelation in what sound design and construction mean to such an instrument."

P.W. 31/3/28.

Write for illustrated folder and also for new Gramophone Pick-up leaflet.

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