

**CATHODE RAY TUBE AND METHOD OF MANUFACTURING THE SAME, AND
COLOR SELECTING MEMBER FOR CATHODE RAY TUBE AND METHOD
OF MANUFACTURING THE SAME**

ABSTRACT

A cathode ray tube and a color selecting member, which can be manufactured without defects by using an existing projection aligner of a simple structure and can always produce a picture of high quality, and manufacture methods thereof. A phosphor layer has a pattern in stripes in the lateral direction of a screen, or in the horizontal direction. A color selecting member has slits elongated in the longitudinal direction of the screen, or in the horizontal scan line direction. Even in case of the thermal expansion of the color selecting member or a considerable longitudinal deviation between the exposure position at the time of manufacture and the position where an electron beam strikes in practical use, an electron beam can freely pass through the slits. Therefore, the accuracy of irradiation of the phosphor layer with the electron beam is not adversely influenced.

Fig. 11A