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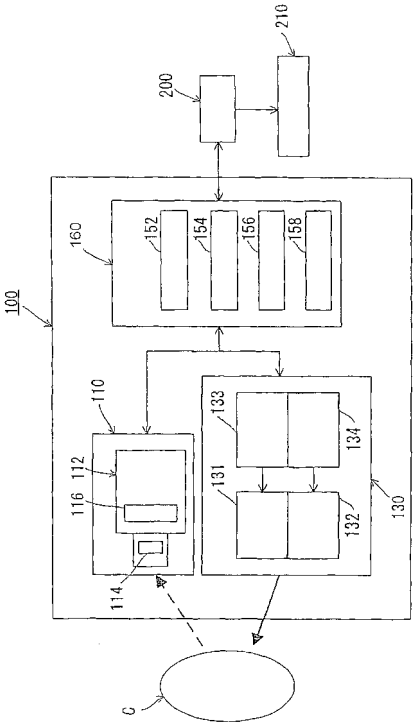
(54) **Optical detection system for deriving information on an object occupying a vehicle seat**

(57) In order to provide a technology which is effective for precisely detecting information about an object (C) occupying a vehicle seat, an object detecting system (100) which is installed in a vehicle uses a camera (112) comprising an optical lens (114), a distance measuring image chip (116), and an illumination device (130) to detect information about the object (C) occupying the vehicle seat, the illumination device (130) is sectioned into a plurality of illuminants such as a first illuminant (131) and a second illuminant (132) so that the light emitting modes of the illuminants are controlled to be changed individually.

Fig. 1



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