

OBJECT FOR AUTHENTICATION VERIFICATION, AUTHENTICATION VERIFYING CHIP READING DEVICE, AND AUTHENTICATION JUDGING METHOD

ABSTRACT

A structure of an object such as a card, a bank note or securities which is often forged and which requires authentication verification and a method for judging the authenticity of the object are provided.

An authentication verifying chip having iridescent substances randomly disposed is attached to a card. A light detecting device detects the arrangement of the iridescent substances to individually identify the card or judge its authenticity. During or after the card is taken into an apparatus, the information in the authentication verifying chip disposed on the card is read to verify the authenticity. The iridescent substance is formed by a thin transparent resin piece or a transparent resin thin layer.

Planar reading by using a camera by observing the random iridescence allows to verify the authenticity of the authentication verifying chip.

Linear reading can also be used. The linear reading in shape of straight or curved line can be adopted by altering the reading portion associated with the movement of the card during taken in.

Selected drawing: Fig. 9