

FACE IMAGE CANDIDATE DETERMINATION APPARATUS FOR AUTHENTICATION,
FACE IMAGE CANDIDATE DETERMINATION METHOD FOR AUTHENTICATION,
PROGRAM, AND RECORDING MEDIUM

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ABSTRACT

It is an object of the present invention to provide a face image determination system that can improve the accuracy of face image authentication. In a face image candidate determination apparatus (1), a reference storage unit (112) stores a reference face image in association with an attribute thereof for each registered person, a threshold value storage unit (113) stores a score
10 threshold value for each combination of attributes of face images to be collated, an image acquisition unit (11) acquires a face image of a person to be determined, an attribute determination unit (12) determines an attribute of the face image for determination, a score calculation unit (13) calculates a score indicating a degree of matching between the reference
15 face image and the face image for determination, and a selection unit (14) selects a reference face image satisfying the score threshold value as a face image candidate for authentication and selects the face image candidate and a calculated score thereof as authentication information of the face image for determination. The score threshold value is a threshold value for determining that face images to be collated are likely to be of the same person, and the attribute is an attribute
20 based on a feature of a face image.

[FIG .1]