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(71) Applicant: Hitachi, Ltd.

Chiyoda-ku

Tokyo 100-8280 (JP)

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(72) Inventors:

 Suginobu, Manabu Tokyo 100-8220 (JP)

 Horiuchi, Yuichi Tokyo 100-8220 (JP)

(74) Representative: Calderbank, Thomas Roger et al

Mewburn Ellis LLP 33 Gutter Lane

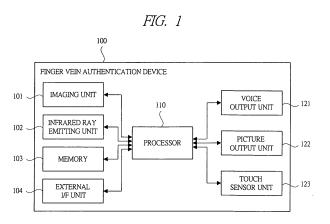
London

EC2V 8AS (GB)

(54) Finger vein authentication device

(57) A finger vein authentication device includes a finger information register unit for extracting information of a vein pattern from a vein image and registering the same as a matching template in a memory, and a finger vein authentication unit for extracting information of a vein pattern from the vein image and matching the same with the matching template to perform personal authentication. The device includes a finger image processing

unit for extracting characteristics data of the finger from the vein image and a finger placement state determining unit for determining whether a placement state of the finger is good or not according to whether the characteristics data of the finger is within a predetermined range or not. If the determination result of the finger placement state determining unit is not good, the user is instructed to correctly place the finger by a picture output unit and/or a voice output unit, and the vein image is obtained again.



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