

FINGER VEIN AUTHENTICATION DEVICE**Abstract**

The invention provides a finger vein authentication device using plural fingers that enables the plural
5 fingers to be easily presented while maintaining high authentication precision. A finger vein authentication device according to an embodiment of the invention includes light sources that irradiate light onto fingers; imaging elements that photograph light transmitted through
10 the fingers; and an image processing unit that processes the obtained images. The finger vein authentication device further includes a finger placement table that defines a presentation location of the first finger in an anteroposterior direction and other finger placement
15 tables that define locations of all the fingers in a horizontal direction.

(Fig. 2)