

required from a time when a ticket is handed to the control of the gate is a time period in which walking is restricted for the authentication target or a next authentication target behind the authentication target. Even if this time is shortened according to the invention in PTL 1, the time is not zero.

5 Therefore, a stagnation of a flow of persons may occur.

[0008]

In the iris authentication system described in PTL 2, although the result is notified in the result notification area, a configuration is not described that associates authentication results for a large number of authentication targets with an authentication result to be notified to a person who enters the result notification area. Therefore, in a case where the plurality of authentication targets exists, it is not certain that the iris authentication system can correctly notify the authentication target of the authentication result. For conviction of the authentication target such that the collation result indicated in the result notification area is shown to the authentication target, it is necessary that only one authentication target exists in the result notification area. In a case of congestion, it is necessary to narrow the result notification area or control access to the result notification area, and as a result, this may cause a non-smooth flow of persons. In a case where content of the notification is content that requires time to be understood, there is a possibility that the authentication target stops.

15 [0009]

This disclosure provides a system, a method, or the like that contributes to more reliably and smoothly provide information regarding an authentication result to an authenticated person.

25 [0010]

An information provision system according to one aspect of the

disclosure includes authentication means for authenticating an authentication target using an image obtained by imaging the authentication target to be authenticated, specifying the authentication target whose identification information has been read from the image, and authenticating the specified authentication target; storage means for storing possession information in which identification information of the authentication target and device information of a device owned by the authentication target are associated with each other, wherein the information provision system receives the identification information of the authentication target that has been read by a reading device and is recorded in an integrated circuit (IC) card held by the authentication target from the reading device that reads information from the IC card; determination means for determining a transmission destination of information regarding a result of the authentication to notify the authentication target of the result of the authentication according to information regarding the authentication target or a situation of the authentication target, acquiring the device information associated with the identification information of the authentication target, and determining a device indicated by the device information as the transmission destination; and transmission means for transmitting the information to the determined transmission destination and instructing to issue a notification to the transmission destination based on the acquired device information.

[0010a]

An information provision system according to another aspect of the disclosure includes authentication means for authenticating an authentication target using an image obtained by imaging the authentication target to be authenticated, storage means for storing feature information in which a feature of an article is associated with device information of a notification device distributed together with the article

regarding the notification device that has a function for issuing a notification and a plurality of the articles distributed to an authentication target, wherein determination means for determining a transmission destination of information regarding a result of the authentication to
5 notify the authentication target of the result of the authentication according to information regarding the authentication target or a situation of the authentication target, acquiring the device information associated with the article held by the authentication target based on an image of the authentication target who holds the article, and determining the
10 notification device indicated by the device information as the transmission destination; and transmission means for transmitting the information to the determined transmission destination and instructing to issue a notification to the transmission destination based on the acquired device information.

15 [0011]

An information provision method according to one aspect of the disclosure includes authenticating an authentication target using an image obtained by imaging the authentication target to be authenticated, specifying the authentication target whose identification information has
20 been read from the image, and authenticating the specified authentication target; storing possession information in which identification information of the authentication target and device information of a device owned by the authentication target are associated with each other, wherein the information provision system receives the identification information of
25 the authentication target that has been read by a reading device and is recorded in an integrated circuit (IC) card held by the authentication target from the reading device that reads information from the IC card; determining a transmission destination of information regarding a result of the authentication to notify the authentication target of the result of the

authentication according to information regarding the authentication target or a situation of the authentication target, acquiring the device information associated with the identification information of the authentication target, and determining a device indicated by the device information as the transmission destination; and transmitting the information to the determined transmission destination and instructing to issue a notification to the transmission destination based on the acquired device information.

[0011a]

10 An information provision method according to another aspect of the disclosure includes authenticating an authentication target using an image obtained by imaging the authentication target to be authenticated, storing feature information in which a feature of an article is associated with device information of a notification device distributed together with
15 the article regarding the notification device that has a function for issuing a notification and a plurality of the articles distributed to the authentication target, wherein determining a transmission destination of information regarding a result of the authentication to notify the authentication target of the result of the authentication according to
20 information regarding the authentication target or a situation of the authentication target, acquiring the device information associated with the article held by the authentication target based on an image of the authentication target who holds the article, and determining the notification device indicated by the device information as the
25 transmission destination; transmitting the information to the determined transmission destination and instructing to issue a notification to the transmission destination based on the acquired device information.

[0012]

A non-transitory computer-readable storage medium according to

one aspect of the disclosure stores a program for causing a computer to execute processing including authentication processing for authenticating an authentication target using an image obtained by imaging the authentication target to be authenticated, specifying the authentication target whose identification information has been read from the image, and authenticating the specified authentication target; storage processing for storing possession information in which identification information of the authentication target and device information of a device owned by the authentication target are associated with each other, wherein the information provision system receives the identification information of the authentication target that has been read by a reading device and is recorded in an integrated circuit (IC) card held by the authentication target from the reading device that reads information from the IC card; determination processing for determining a transmission destination of information regarding a result of the authentication to notify the authentication target of the result of the authentication according to information regarding the authentication target or a situation of the authentication target, acquiring the device information associated with the identification information of the authentication target, and determining a device indicated by the device information as the transmission destination; and transmission processing for transmitting the information to the determined transmission destination and instructing to issue a notification to the transmission destination based on the acquired device information.

[0012a]

A non-transitory computer-readable storage medium according to another aspect of the disclosure stores a program for causing a computer to execute processing including authentication processing for authenticating an authentication target using an image obtained by

imaging the authentication target to be authenticated, storage processing
for storing feature information in which a feature of an article is
associated with device information of a notification device distributed
together with the article regarding the notification device that has a
5 function for issuing a notification and a plurality of the articles
distributed to the authentication target, wherein determination processing
for determining a transmission destination of information regarding a
result of the authentication to notify the authentication target of the result
of the authentication according to information regarding the
10 authentication target or a situation of the authentication target, acquiring
the device information associated with the article held by the
authentication target based on an image of the authentication target who
holds the article, and determining the notification device indicated by the
device information as the transmission destination; and transmission
15 processing for transmitting the information to the determined transmission
destination and instructing to issue a notification to the transmission
destination based on the acquired device information.

[Document Name] CLAIMS

[Claim 1]

An information provision system comprising:

authentication means for authenticating an authentication target

5 using an image obtained by imaging the authentication target to be authenticated, specifying the authentication target whose identification information has been read from the image, and authenticating the specified authentication target;

storage means for storing possession information in which

10 identification information of the authentication target and device information of a device owned by the authentication target are associated with each other, wherein

the information provision system receives the identification information of the authentication target that has been read by a reading
15 device and is recorded in an integrated circuit (IC) card held by the authentication target from the reading device that reads information from the IC card,

determination means for determining a transmission destination of information regarding a result of the authentication to notify the
20 authentication target of the result of the authentication according to information regarding the authentication target or a situation of the authentication target, acquiring the device information associated with the identification information of the authentication target, and determining a device indicated by the device information as the transmission destination;
25 and

transmission means for transmitting the information to the determined transmission destination and instructing to issue a notification to the transmission destination based on the acquired device information.

[Claim 2]

The information provision system comprising:

authentication means for authenticating an authentication target using an image obtained by imaging the authentication target to be authenticated,

5 storage means for storing feature information in which a feature of an article is associated with device information of a notification device distributed together with the article regarding the notification device that has a function for issuing a notification and a plurality of the articles distributed to an authentication target, wherein

10 determination means for determining a transmission destination of information regarding a result of the authentication to notify the authentication target of the result of the authentication according to information regarding the authentication target or a situation of the authentication target, acquiring the device information associated with the article held by the authentication target based on an image of the authentication target who holds the article, and determining the notification device indicated by the device information as the transmission destination;
15 and

transmission means for transmitting the information to the
20 determined transmission destination and instructing to issue a notification to the transmission destination based on the acquired device information.

[Claim 3]

25 An information provision method comprising:

authenticating an authentication target using an image obtained by imaging the authentication target to be authenticated, specifying the authentication target whose identification information has been read from the image, and authenticating the specified authentication target;

storing possession information in which identification information of the authentication target and device information of a device owned by the authentication target are associated with each other, wherein

the information provision system receives the identification
5 information of the authentication target that has been read by a reading device and is recorded in an integrated circuit (IC) card held by the authentication target from the reading device that reads information from the IC card,

determining a transmission destination of information regarding a
10 result of the authentication to notify the authentication target of the result of the authentication according to information regarding the authentication target or a situation of the authentication target, acquiring the device information associated with the identification information of the authentication target, and determining a device indicated by the device
15 information as the transmission destination; and

transmitting the information to the determined transmission destination and instructing to issue a notification to the transmission destination based on the acquired device information.

[Claim 4]

20 An information provision method comprising:
authenticating an authentication target using an image obtained by imaging the authentication target to be authenticated,
storing feature information in which a feature of an article is associated with device information of a notification device distributed
25 together with the article regarding the notification device that has a function for issuing a notification and a plurality of the articles distributed to the authentication target, wherein

determining a transmission destination of information regarding a result of the authentication to notify the authentication target of the result

of the authentication according to information regarding the authentication target or a situation of the authentication target, acquiring the device information associated with the article held by the authentication target based on an image of the authentication target who holds the article, and
5 determining the notification device indicated by the device information as the transmission destination;

transmitting the information to the determined transmission destination and instructing to issue a notification to the transmission destination based on the acquired device information.

10 [Claim 5]

A non-transitory computer-readable storage medium that stores a program for causing a computer to execute processing comprising:

authentication processing for authenticating an authentication target using an image obtained by imaging the authentication target to be
15 authenticated, specifying the authentication target whose identification information has been read from the image, and authenticating the specified authentication target;

storage processing for storing possession information in which identification information of the authentication target and device
20 information of a device owned by the authentication target are associated with each other, wherein

the information provision system receives the identification information of the authentication target that has been read by a reading device and is recorded in an integrated circuit (IC) card held by the
25 authentication target from the reading device that reads information from the IC card,

determination processing for determining a transmission destination of information regarding a result of the authentication to notify the authentication target of the result of the authentication according to

information regarding the authentication target or a situation of the authentication target, acquiring the device information associated with the identification information of the authentication target, and determining a device indicated by the device information as the transmission destination;

5 and

transmission processing for transmitting the information to the determined transmission destination and instructing to issue a notification to the transmission destination based on the acquired device information.

[Claim 6]

10 A non-transitory computer-readable storage medium that stores a program for causing a computer to execute processing comprising:

authentication processing for authenticating an authentication target using an image obtained by imaging the authentication target to be authenticated,

15 storage processing for storing feature information in which a feature of an article is associated with device information of a notification device distributed together with the article regarding the notification device that has a function for issuing a notification and a plurality of the articles distributed to the authentication target, wherein

20 determination processing for determining a transmission destination of information regarding a result of the authentication to notify the authentication target of the result of the authentication according to information regarding the authentication target or a situation of the authentication target, acquiring the device information associated with the article held by the authentication target based on an image of the authentication target who holds the article, and determining the notification device indicated by the device information as the transmission destination;

25 and

transmission processing for transmitting the information to the

determined transmission destination and instructing to issue a notification to the transmission destination based on the acquired device information.