

5 Documents

Publication numbers	Title	Current assignees
EP-850523 A1	Document authentication system and method	EORIGINAL
JP2018136670 A	Authentication system, program, electronic device , authentication device , and authentication method	KYOCERA DOCUMENT SOLUTIONS
JP2011138286 A	Device and system for document and method for notifying change of authentication password	KYOCERA DOCUMENT SOLUTIONS
US20160255244 A1	Electronic device and authentication method therein	KYOCERA DOCUMENT SOLUTIONS
US20140359737 A1	Authentication system, electronic device , and authentication method	KYOCERA DOCUMENT SOLUTIONS

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Title

(EP-850523)

Document authentication system and method

Images

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5,534,855	7/1996	Shoekley et al.	380/25
5,555,307	9/1996	Edwards et al.	

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W. Diffie et al., "Privacy and Authentication: An Introduction to Cryptography", *Proc. IEEE* vol. 67, pp. 397-427 (Mar. 1979).

W. Diffie, "The First Ten Years of Public-Key Cryptography", *Proceedings of the IEEE*, vol. 76, pp. 560-577 (May 1988).

M.E. Hellman, "The Mathematics of Public-Key Cryptography", *Scientific American*, vol. 234, No. 8, pp. 146-152, 154-157 (Aug. 1979).

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R.L. Rivest et al., "A Method for Obtaining Digital Signatures and Public-Key Cryptosystems," *Communications of the ACM*, vol. 21, pp. 120-126 (Feb. 1978).

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Publication numbers with kind code & date

EP0850523	B8	2017-08-16	EP-850523
EP0850523	B1	2017-03-29	EP-850523
NO332206	B1	2012-07-30	NO-332206
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WO97/12460	A1	1997-04-03	WO9712460				

Abstract

(EP0850523)

Methods and apparatus are provided that implement digital signing(2 and 3) and/or encryption for the electronic transmission, (3) storage, and retrieval of authenticated documents and that enable the establishment of the identity of the originator of an electronic **document** and of the integrity of the information contained in such a **document** (1). Together these provide irrevocable proof of authenticity of the **document**. The methods and apparatus make it possible to provide "paper-less" commercial transactions, such as real-estate transactions and the financial transactions secured by real estate. A Certification Authority provides tools for initializing and managing the cryptographic material required to sign and seal electronic documents. An **Authentication** Center provides "third party" verification that a **document** is executed and transmitted by the **document**'s originator. The methods and apparatus eliminate the need for "hard copies" of original documents as well as hard-copy storage. Retrieval of an authenticated **document** from the **Authentication** Center may be done by any number of authorized parties at any time by on-line capability.

Inventors

BISBEE STEPHEN F

MOSKOWITZ JACK J

SHEEHAN EDWARD R

TROTTER DOUGLAS H

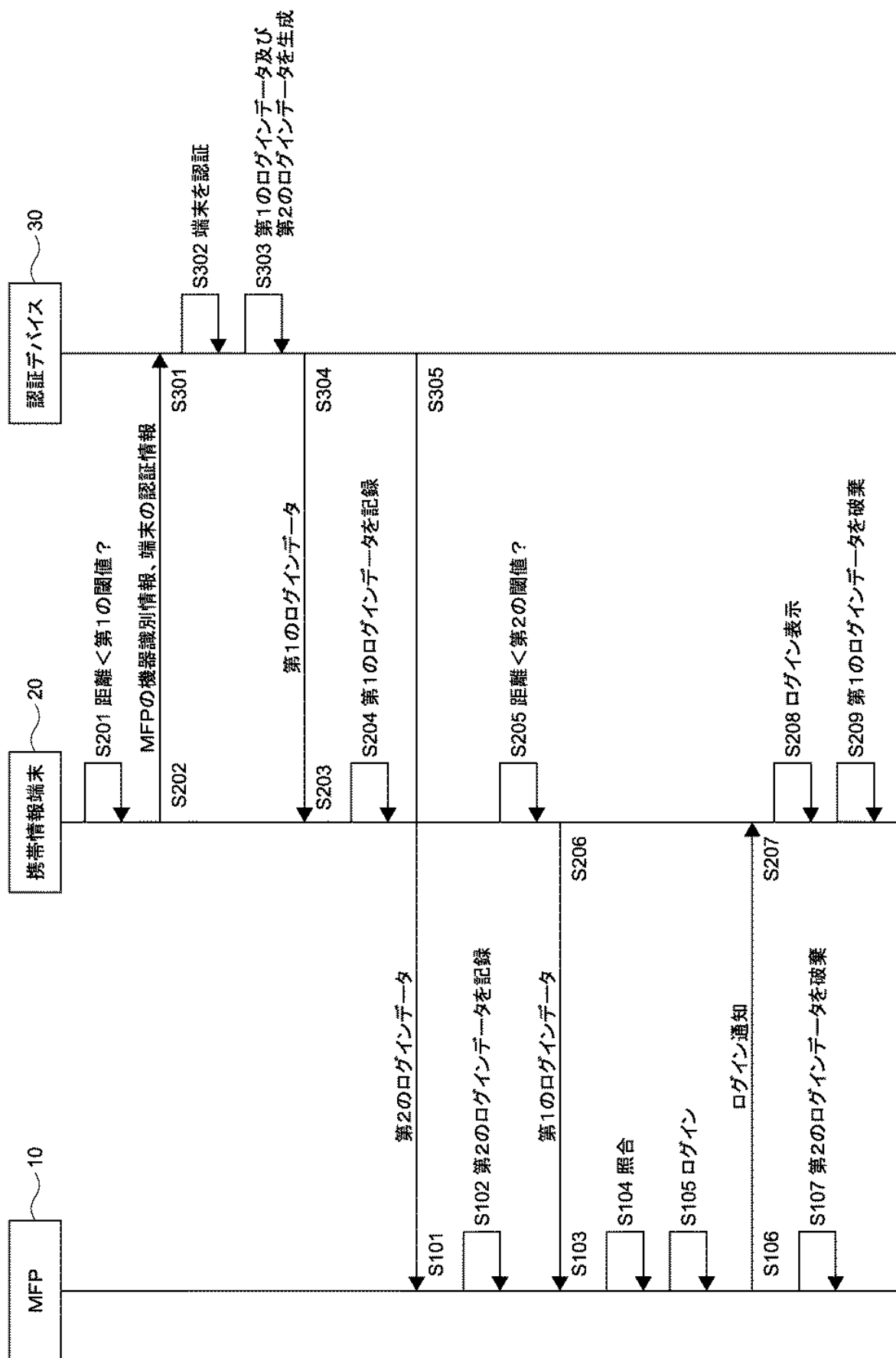
WHITE MICHAEL W

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EORIGINAL

Family 2/5 - FAMPAT - ©Questel

Title
(JP2018136670)
Authentication system, program, electronic **device**, **authentication device**, and **authentication** method
Images



Publication numbers with kind code & date

JP2018136670

A

2018-08-30

JP2018136670

**Abstract**

(JP2018136670)

PROBLEM TO BE SOLVED: To increase user friendliness in a technology for authenticating a log-in from a mobile information terminal to an electronic **device**.

SOLUTION: The mobile information terminal includes a distance determining unit for determining a distance from an electronic **device**, and provides an **authentication device** with **authentication** information necessary for authenticating the mobile information terminal when the distance from the electronic **device** becomes less than a first threshold value. The **authentication device** authenticates the mobile information terminal based on the **authentication** information acquired from the mobile information terminal, generates first log-in data and second log-in data necessary for the mobile information terminal to log in to the electronic **device** when succeeding in such **authentication**, and supplies the generated first log-in data to the mobile information terminal while supplying the generated second log-in data to the electronic **device**. The mobile information terminal then acquires the first log-in data from the **authentication device** and supplies the first log-in data acquired from the **authentication device** to the electronic **device** when the distance from the electronic **device** becomes less than a second threshold value that is smaller than the first threshold value.

SELECTED DRAWING: Figure 8

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Inventors

Tomoharu Tokunaga

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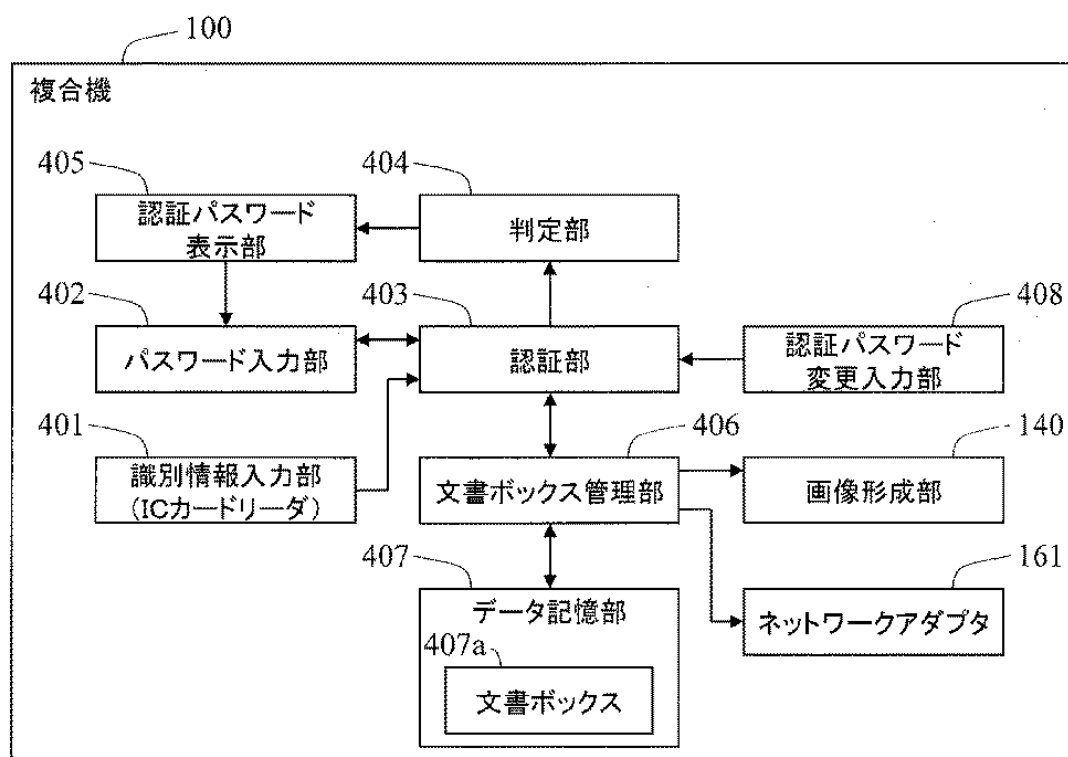
KYOCERA **DOCUMENT** SOLUTIONS

Family 3/5 - FAMPAT - ©Questel

Title

(JP2011138286)

Device and system for **document** and method for notifying change of **authentication** password

Images

Publication numbers with kind code & date

JP2011138286

A

2011-07-14

JP2011138286

**Abstract**

(JP2011138286)

PROBLEM TO BE SOLVED: To provide a **document** management **device**, a **document** management system and a method for notifying a change of an **authentication** password, allowing securement of security without impairing use convenience under a situation that a plurality of users use the same box.

SOLUTION: An **authentication** part 403 collates input identification information and an input password, and an **authentication** condition previously registered associatively with the **document** box 407a. When the input identification information satisfies the **authentication** condition, a decision part 404 decides whether the input password accords with one past **authentication** password designated to each user. When the decision part 404 decides that the input password accords and when a password input frequency n by the user specified by the input identification information on and after the change of the **authentication** password satisfies a previously designated criterion, an **authentication** password display part 405 displays the **authentication** password registered in the **authentication** part 403.

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Inventors

AMAH I EMI

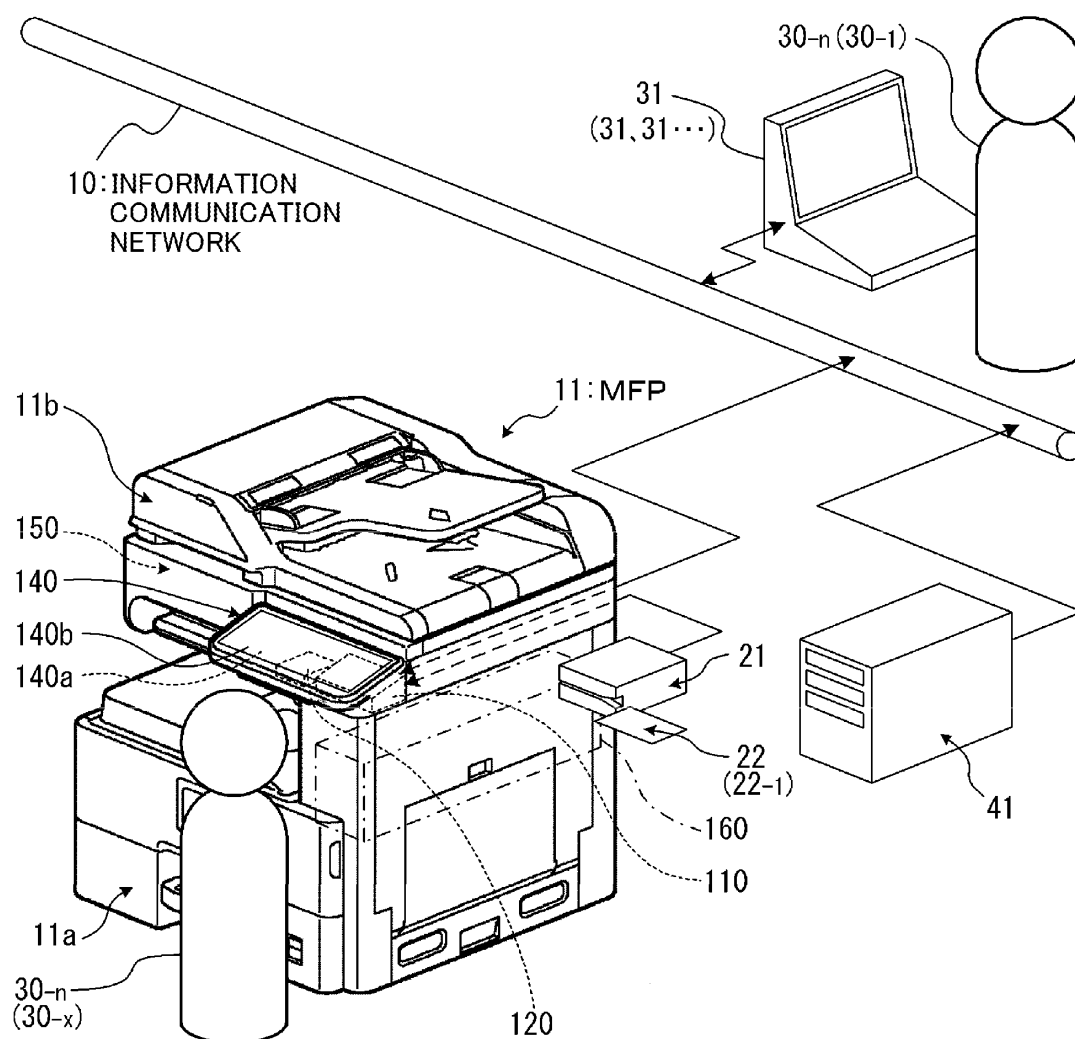
Latest standardized assignees - inventors removedKYOCERA **DOCUMENT** SOLUTIONS

Family 4/5 - FAMPAT - ©Questel

Title

(US9628668)

Electronic **device** and **authentication** method therein**Images**



Publication numbers with kind code & date

CN105933275	B	2019-08-02	CN105933275B
JP6308144	B2	2018-04-11	JP6308144
US9628668	B2	2017-04-18	US9628668
CN105933275	A	2016-09-07	CN105933275
JP2016162056	A	2016-09-05	JP2016162056
US20160255244	A1	2016-09-01	US20160255244



Abstract

(US20160255244)

Provided is an electronic **device** and an **authentication** method able to restrict and disable an operation when a third person other than an authorized user who is registered as a user, and prevent information leakage without requiring the user a complicated operation. At a time when an operator inputs an **authentication** request by any one of the user identification numbers, when first information inputted via the input part is coincided with the first password related to the user identification number for which the **authentication** request is inputted, and when characteristic data at a time when the first information is inputted falls within a specified range of a histogram of the databases related to the user identification number for which the **authentication** request is inputted, the operator is authenticated as the user for which the **authentication** request is inputted.

Inventors

TOMOFUJI SHINJI

Latest standardized assignees - inventors removed

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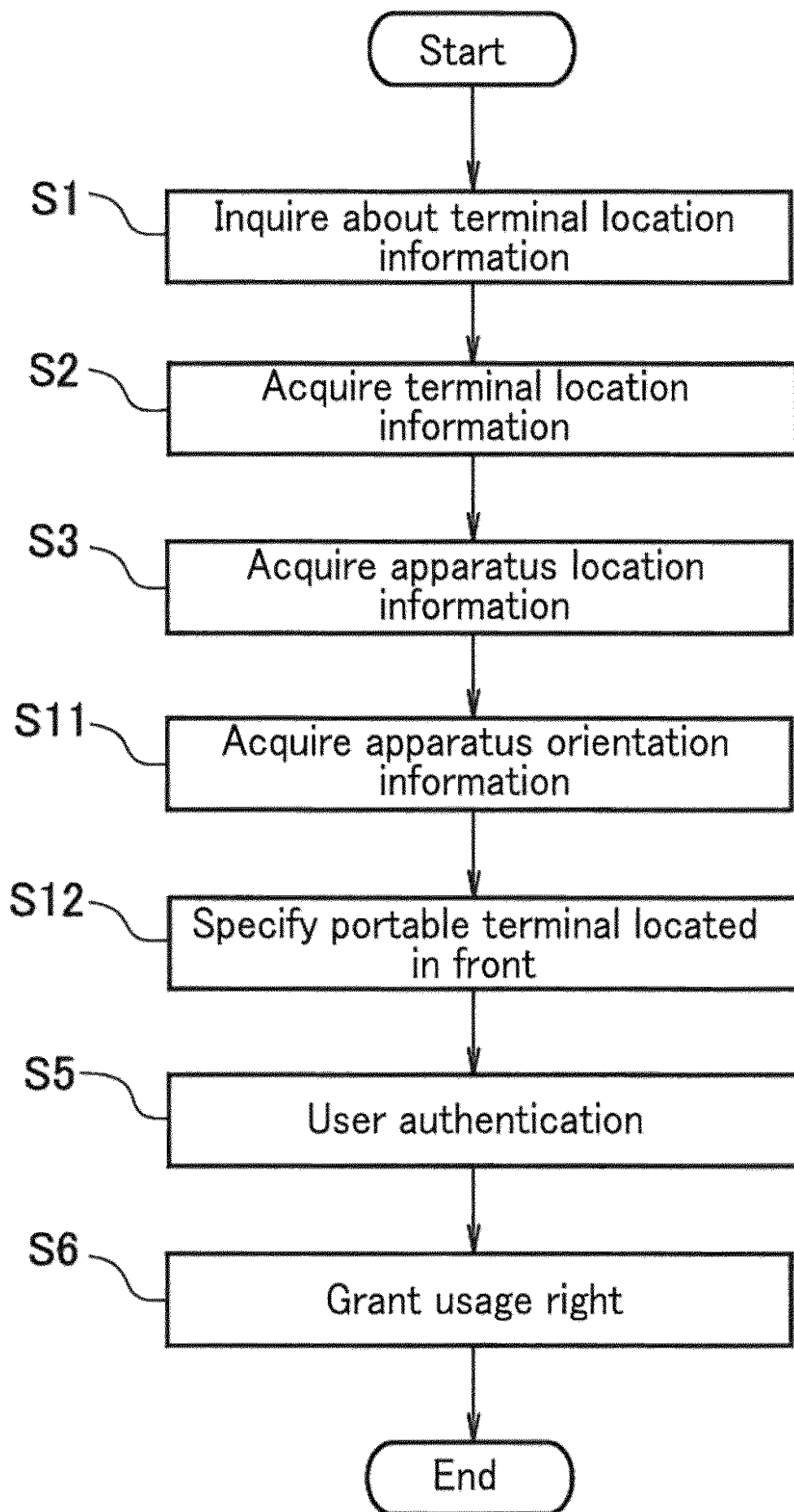
Family 5/5 - FAMPAT - ©Questel

Title

(US9408074)

Authentication system, electronic **device**, and **authentication** method

Images



JP5850879	B2	2016-02-03	JP5850879
JP2014232390	A	2014-12-11	JP2014232390
US20140359737	A1	2014-12-04	US20140359737

**Abstract**

(US20140359737)

An **authentication** system includes one or more portable terminals and an electronic **device**. The electronic **device** includes a storage section, a terminal location acquiring section, a determining section, an **authentication** section, and a right granting section. The storage section stores **authentication** information of each of one or more users, usage right information of each user, and location information of the electronic **device**. The terminal location acquiring section acquires location information of each portable terminal. The determining section determines a first portable terminal that is located within a specific **authentication** distance from the electronic **device**, based on the location information. The **authentication** section performs **authentication** of a first user associated with the first portable terminal, based on the **authentication** information of the first user. The right granting section permits the first user to use the electronic **device** within a scope of usage right granted to the first user.

Inventors

ISHIZU RYUICHI

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