CLAIMS

1. A portable authentication device comprising:

a sensor which acquires biological information;

a communication interface which communicates with a device;

a memory which stores feature information of biological information of a registrant for use in biometrics and management information indicating a device which the registrant has a right to use, wherein the memory stores feature information of biological information of a specific registrant and management information indicating a device which the specific registrant has a right to use; and

a processor which authenticates whether a user whose biological information has been acquired by the sensor is the registrant having a right to use the device communicated through the communication interface, and transmits a result of the authentication to the device communicated through the communication interface.

2. The portable authentication device of claim 1, wherein the memory stores feature information of biological information of a plurality of registrants and management information indicating a registrant having a right to use a specific device.

3. The portable authentication device of claim 1, wherein the memory stores feature information of biological information of a plurality of registrants and

management information indicating a registrant having a right to use a plurality of devices.

4. The portable authentication device of one of claims 1 to 3, wherein the sensor is a fingerprint sensor which acquires a fingerprint image as biological information.

5. An IC card comprising:

a fingerprint sensor which acquires fingerprint information;

a module including a communication interface which communicates with a device, a memory which stores feature information of a fingerprint image of a registrant for use in fingerprint authentication and management information indicating a device which the registrant has a right to use, wherein the memory stores feature information of a fingerprint image of a specific registrant and management information indicating a device which the specific registrant has a right to use, and a processor which authenticates whether a user whose fingerprint information has been acquired by the fingerprint sensor is the registrant having a right to use the device communicated through the communication interface, and transmits a result of the authentication to the device communicated through the communication interface; and

a main body incorporating the fingerprint sensor and the module which are connected to each other.

6. An authentication system including an access

control device and a portable authentication device, wherein:

the access control device includes:

a reader/writer which communicates with the portable authentication device; and

a processor which requests the portable authentication device communicated through the reader/writer to authenticate whether a user has a right to use the access control device, and restricts an operation of the access control device in accordance with a result of the authentication by the portable authentication device; and

the portable authentication device includes:

a sensor which acquires biological information;

a communication interface which communicates with the access control device;

a memory which stores feature information of biological information of a registrant for use in biometrics and management information indicating a device which the registrant has a right to use, wherein the memory stores feature information of biological information of a specific registrant and management information indicating a device which the specific registrant has a right to use; and

a processor which authenticates whether a user whose biological information has been acquired by the sensor is the registrant having a right to use the access

control device communicated through the communication interface, and transmits a result of the authentication to the access control device communicated through the communication interface.