

ABSTRACT OF THE DISCLOSURE (FIG. 7)

"INFORMATION STORAGE MEDIUM, AUTHENTICATION DATA
GENERATION METHOD, AND MEDIUM AUTHENTICATION SYSTEM"

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An authentication data generation method includes
receiving an authentication command from an
authentication device, determining a communication
protocol with the authentication device, changing
10 encryption key reference information contained in the
authentication command based upon the determination
result of the communication protocol with the
authentication device, selecting a target encryption
key corresponding to the changed encryption key
15 reference information from a plurality of encryption
keys stored in advance, generating authentication data
based upon the target encryption key and inclusion data
included in the authentication command, and
transmitting the authentication data to the
20 authentication device.



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