

ABSTRACT

An IC card 1 (portable card) having an integrated device. The IC card 1 includes a nonvolatile memory 12 and an encryption circuit 10. The nonvolatile memory 12 is accessed
5 after the IC card 1 is placed in a radio wave zone to receive a power supply from a terminal apparatus through a radio wave. The encryption circuit 10 coordinates with a first terminal apparatus to perform a mutual authentication. The integrated device includes a nonvolatile memory 13 and an encryption
10 circuit 11. The nonvolatile memory 13 is accessed after the IC card 1 is placed at a location close to an antenna in the first terminal apparatus and only after the IC card 1 receives a higher-level power supply from the antenna. The encryption circuit 11 coordinates with the terminal apparatus to perform a
15 mutual authentication. Personal information that requires high security is stored in the nonvolatile memory 13 and the encryption circuit 11 performs a mutual authentication whenever the nonvolatile memory 13 is accessed. This provides a high-level security of the personal information.