

WHAT IS CLAIMED IS:

1. An IC card which performs ~~non-~~contactless communication with an external device, the IC card, comprising:

5 a receiving section which receives an initial response request command and a command transmitted from the external device;

a time slot selecting section which generates a random number and selects one time slot out of a plurality of time slots in accordance with the random number generated when the receiving section receives the initial response request command;

10

an initial setting section which performs initial setting in accordance with the initial response request command, and generates an initial response;

a command processing section which performs command processing based on the command and generates a response ~~when the receiving section receives the command;~~ and

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a transmitting section which transmits the initial response and the
response to the external device in one time slot selected by the time slot
selecting section ~~out of a plurality of time slots in which data is transmitted~~
~~to the external device.~~

5 ~~2. The IC card according to claim 1, further comprising:~~

~~a time slot selecting section which generates a random number and~~
~~selects one time slot out of the plurality of the time slots in accordance with~~
~~the random number generated when the receiving section receives an initial~~
~~response request command; and~~

10 ~~an initial setting section which performs initial setting in accordance~~
~~with the initial response request command, and generates an initial~~
~~response;~~

~~wherein~~

15 ~~the transmitting section transmits the response and the initial~~
~~response to the external device in the time slot which is selected by the time~~
~~slot selecting section.~~

23. The IC card according to claim 1, further comprising:

an IC module which is provided with the receiving section, the
command processing section, and the transmitting section, and
a main body in which the IC module is located.

34. The IC card according to claim 1, further comprising:

5 an IC module which is provided with the receiving section, the
command processing section, a transmitting section, a time slot selecting
section and an initial setting section, and

a main body in which the IC module is located

45. A portable electronic device which performs ~~non~~-contactless
10 communication with an external device, the portable electronic device,
comprising:

a receiving section which receives an initial response request
command and a command transmitted from the external device;
a time slot selecting section which generates a random number and
15 selects one time slot out of a plurality of time slots in accordance with the
random number generated when the receiving section receives the initial
response request command;

an initial setting section which performs initial setting in accordance
with the initial response request command, and generates an initial
response;

5 a command processing section which performs command processing
based on a command and generates a response ~~when the receiving section~~
~~receives the command;~~ and

10 a transmitting section which transmits the initial response and the
response to the external device in one time slot selected by the time slot
selecting section ~~out of a plurality of time slots in which data is transmitted~~
~~to the external device.~~

6. ~~The portable electronic device according to claim 5, further~~
~~comprising:~~

15 ~~a time slot selecting section which generates a random number and~~
~~selects one time slot out of the plurality of the time slots in accordance with~~
~~the random number generated when the receiving section receives an initial~~
~~response request command; and~~

an initial setting section which performs initial setting in accordance
with the initial response request command, and generates an initial
response;

wherein

the transmitting section transmits the response and the initial
response to the external device in the time slot which is selected by the time
slot selecting section.

57. The portable electronic device according to claim 46, further
comprising:

an IC module which is provided with the receiving section, the
command processing section, a transmitting section, a time slot selecting
section and an initial setting section, and

a main body in which said IC module is located.

68. A reader/writer which transmits a command to an IC card by
~~non-contact~~less communication and make the IC card perform a command
processing, the reader/writer, comprising:

a time slot setting section which sets up a plurality of time slots;

a command generating section which generates a command and an
initial response request command including the total number of the time
slots set up by the time slot setting section;

5 a transmitting section which transmits the command and the initial
response request command generated to a plurality of IC cards within a
communicable range of the reader/writer;

~~a time slot setting section which sets up a plurality of time slots in~~
~~which a response from the IC card is received;~~

10 a receiving section which receives an initial responses including
identification information of the IC card that transmitted the initial
response to the initial response request command and athe response to the
command transmitted from the IC card in one time slot of the plurality of
time slots; and

15 a recognition section which associates and stores the identification
information of the IC card and information of the time slot in which the
initial response was received as correspondence information, and which
recognizes the IC card which transmitted the response based on the

correspondence information and the time slot in which the response is
received.

9. ~~———— The reader/writer according to claim 8, wherein~~

~~the command generator generates an initial response request~~
5 ~~command;~~

~~the transmitting section transmits the initial response request~~
~~command to the plurality of IC cards;~~

~~the receiving section receives initial responses to the initial response~~
~~request command from the plurality of IC cards; and~~
10 ~~the recognition section associates and stores identification information of the~~

~~IC card that transmits the initial response and the time slot in which the~~

~~initial response was transmitted as correspondence information, and~~

~~recognizes the IC card which transmitted the response based on the~~

~~correspondence information and the time slot in which the response is~~
15 ~~received.~~