

Description

Title of Invention: CARD SHOOTER DEVICE AND CARD STORAGE
METHOD

5

Technical Field

[0001]

The present invention relates to a card shooter
device used for a playing game, and to a card shooter
10 device capable of storing playing cards (hereinafter
referred to as "cards"), particularly cards constituting
a predetermined number of decks at one time without
lifting the cards and a card packing box containing the
cards, and a card storage method.

15

Background Art

[0002]

In various types of playing games such as poker,
baccarat, bridge, and blackjack, a dealer stores one or
20 more decks of cards in a card shooter device, extracts
the cards one by one therefrom, and deals the cards to
game players. Generally, a widely practiced way of
storing cards in the card shooter device is that the
dealer opens a top face cover on the top of the card
25 shooter device, collectively lifts the one or more decks
of cards by hand at one time, and stores the cards (see,
e.g., Patent Literature 1).

[0003]

The cards used in various types of playing games such as poker, baccarat, bridge, and blackjack are stored in a card shooter device for use in a unit of six to ten
5 decks of cards. Eight decks of cards include 416 cards, and the bulk thereof is approximately 125 millimeters. Already-shuffled cards constituting a predetermined number of decks are extracted from a packing box or are exposed by opening a part of the packing box, in which
10 state a cut card is inserted among the cards, and thereafter stored in the card shooter device. To fairly play the playing game, a dealer must keep a state where only respective back surfaces of the cards can be seen for game players until the packing box is opened to store
15 the cards in the card shooter device. When the cards are being stored in the card shooter device, the cards must also be collectively lifted by hand without breaking the deck after a top face cover in the card shooter device is opened. In the meantime, a card storage section in the
20 card shooter device has a distance between its side surface portions that is substantially the same as the size of respective side surfaces of the cards so that the cards are not scattered therein and the order of the cards is not changed. When the card shooter device
25 stores eight decks of cards, there are only several centimeters left in its depth. Thus, when the dealer attempts to lift and store cards constituting a

predetermined number of decks at one time, the dealer cannot handle the cards well to insert them. For example, a mistake of erroneously scattering the eight decks of cards is likely to occur because the first one of the cards is caught by the card shooter device to break the deck. The cards, which have been scattered on a game table, cannot be used for a game, which constitutes a factor preventing the game from being efficiently operated.

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Citation List

Patent Literature

[0004]

Patent Literature 1

15 International Publication No. WO 2014/024239

Summary of Invention

Technical Problem

[0005]

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The present invention has been made under the foregoing background. Embodiments of the present invention seek to provide a card shooter device which may make it easy for a dealer to store cards in a card storage section in the card shooter device prior to a playing game and further prevent a mistake of erroneously scattering the cards to break a deck, and a method for storing the cards.

25

Solution to Problem

[0006]

According to one aspect of the present invention, there is provided a card shooter device, the card shooter device including a main unit including a card storage section storing cards constituting a predetermined number of decks, a removable top face cover, arranged on top of the card storage section, for covering the card storage section, a bottom face, inclined forward, for guiding the cards onto a game table from the card storage section, a front cover arranged in front of the main unit so that the cards can be extracted one by one from the card storage section, and an extension member which can be provided at a leading end of the front of the main unit, wherein the extension member serves as a bridge between an upper surface of the game table and the bottom face, wherein a locking member for locking the extension member is provided at the leading end of the main unit, wherein a protrusion locked into the locking member is provided on the back of the top face cover to lock the top face cover at the leading end of the main unit; and in which the front cover is removably mounted on the main unit in cooperation with an engagement member provided in front of the main unit, and wherein when the front cover is mounted, the front cover restricts forward movement of the cards constituting the predetermined number of decks stored in the card storage section while creating an opening through which the cards can pass one by one between the front cover and the bottom face, and while the front cover is removed, the front cover provides a front face opened state where the cards can be slid and stored in the card storage section from the front of the main unit while being guided by the bottom face.

[0007]

According to another aspect of the present invention, there is provided a method for storing cards, the method for storing cards being a method using a packing box storing cards constituting a predetermined number of
5 decks to store the cards in the packing box in a card shooter device for dealing the cards on a game table, in which the packing box has a rectangular parallelepiped shape, includes a cut line parallel to a longitudinal direction of a rectangular parallelepiped, and is adapted
10 to be able to expose respective side surfaces of the cards within the packing box by dividing the packing box along the cut line to remove a left or right side surface of the packing box, and the card shooter device includes a main unit including a card storage section storing the
15 cards constituting the predetermined number of decks, and a bottom face, inclined forward, for guiding the cards onto the game table from the card storage section, and a front cover provided in front of the main unit and removably mounted on the main unit in cooperation with an
20 engagement member, the method including a step of removing a top face cover arranged on top of the card storage section in the card shooter device, a step of removing the front cover from the main unit in the card shooter device, a side surface exposure step of preparing
25 the packing box storing the cards constituting the predetermined number of decks, and exposing the side surfaces of the cards in the packing box by dividing the

packing box along the cut line in the packing box to
remove the left or right side surface of the packing box,
a card cutting step of inserting a cut card among the
cards in the packing box with the side surfaces exposed,
5 a card storage step of sliding and storing the cards in
the card storage section while the cards, together with a
part of the packing box, are guided by the bottom face
from the front of the main unit from which the front
cover is removed, and a storage completion step of
10 removing the packing box from the card storage section
and leaving only the cards in the card storage section.
[0008]

Embodiments of the present invention may make it
easy to store the cards in the card storage section in
15 the card shooter device prior to the playing game,
prevent a mistake of erroneously scattering the cards to
break a deck, and further lead to an improvement in work
efficiency of a game in a casino.
[0009]

20 As described below, other aspects exist in the
present invention. Therefore, the disclosure of the
present invention is intended to provide some of the
aspects of the present invention, and is not intended to
restrict the scope of the invention described and claimed
25 herein.

Brief Description of Drawings

[0010]

[Figure 1(a)] Figure 1(a) is a perspective view of a card shooter device according to an embodiment 1 of the present invention.

[Figure 1(b)] Figure 1(b) is a perspective view of the card shooter device in a state where a top face cover is removed.

[Figure 1(c)] Figure 1(c) is an enlarged perspective view of a principal part of the card shooter device in a state where the top face cover and a front cover are removed.

[Figure 1(d)] Figure 1(d) is a perspective view of the card shooter device in a state where the top face cover and the front cover are removed and an end of the top face cover is locked into the front of a main unit in the card shooter device.

[Figure 2] Figure 2 is an explanatory view of a procedure for opening a packing box and extracting shuffled cards from the packing box and storing the shuffled cards in the card shooter device.

[Figure 3] Figure 3 is a perspective view of a front cover removable from the card shooter device.

[Figure 4] Figure 4 is a perspective view of an engagement member for removably mounting the front cover on the card shooter device.

[Figure 5] Figure 5 is a schematic explanatory view illustrating a state where the engagement member in the

card shooter device and a hook receiving section in the front cover engage with each other.

[Figure 6] Figure 6(a) is a schematic explanatory view illustrating a structure in which a locking device in the engagement member in the card shooter device is brought into a locked state, and Figure 6(b) is a schematic explanatory view illustrating a structure in which the locking device in the engagement member in the card shooter device is released.

[Figure 7] Figure 7(a) is a broken view in a horizontal direction of the locking device in the engagement member in the card shooter device, and Figure 7(b) is a broken view in a vertical direction of the locking device in the engagement member in the card shooter device.

[Figure 8] Figure 8 is a perspective view in a state where the packing box is installed in front of a bottom face in the card shooter device after its side surface is removed.

[Figure 9] Figure 9(a) is a perspective view in a state where there is provided an inclined extension body inclined from a leading end of the bottom face in the card shooter device to continue to an upper surface of a game table, and Figure 9(b) is a partially side view in the state.

[Figure 10] Figure 10 is a plan view of the card.

[Figure 11] Figure 11 is an enlarged perspective view of a principal part in a state where a card reading device at a leading end of the card shooter device is exposed.

[Figure 12] Figure 12 is an enlarged perspective view of a principal part in a state where an extension member is
5 locked at the leading end of the card shooter device.

Description of Embodiments

[0011]

10 Details of the present invention will be described below. However, the following detailed description and attached drawings are not limited to the invention.

[0012]

An embodiment 1 of the present invention will be
15 described. Figures 1(a), 1(b), and 1(c) are respectively perspective views of a card shooter device 1 according to the embodiment 1, and respectively illustrate different states. In the card shooter device 1, a main unit 7 including a card storage section 3 storing cards 2s
20 constituting a predetermined number of decks and a removable top face cover 4 for covering the card storage section 3 on top of the card storage section 3 are arranged. In the card storage section 3, a bottom face 5 for supporting the cards 2s stored in the card storage
25 section 3 and guiding a card 2 onto a game table 6 from the front is formed in the main unit 7. Further, a front cover 8 is arranged in front of the main unit 7 in the

card shooter device 1 so that the cards are extracted one
by one from the card storage section 3. The front cover
8 is removably mounted on the card shooter device 1 in
cooperation with an engagement member 9 provided in front
5 of the card shooter device 1, to restrict movement in a
direction indicated by a forward arrow F of the cards 2s
constituting the predetermined number of decks stored in
the card storage section 3 when the front cover 8 is
mounted while being adapted to have an opening 10 through
10 which the cards 2 can pass one by one formed between the
front cover 8 and the bottom face 5. When the front
cover 8 is removed, the cards 2s constituting the
predetermined number of decks can be stored in the card
storage section 3. When a magnet is provided on the top
15 of the front cover 8, mounting of the top face cover 4 on
the main unit 7 can be stabilized. Further, as described
in Figure 1(d), there are protrusions 11 at an end on the
back of the top face cover 4, and the protrusions 11 can
be respectively caught by locking members 2 in the card
20 shooter device 1 to serve as a bridge so that a slope
continuing to the bottom face 5 from the top face cover 4
can be formed.

[0013]

A method using the packing box 13 storing the cards
25 2s constituting the predetermined number of decks to
store the cards 2 in the packing box 13 in the card
shooter device 1 for dealing the cards 2 on the game

table 6 will be described with reference to Figure 2.
The above-described packing box 13 has a rectangular
parallelepiped shape, includes a cut line 13c parallel to
a longitudinal direction of a rectangular parallelepiped,
5 and is adapted to be able to expose respective side
surfaces of the cards 2s within the packing box 13 when
the packing box 13 is divided along the cut line 13c to
remove a left or right side surface of the packing box 13,
and the card shooter device 1 includes the main unit
10 including the card storage section 3 storing the cards 2s
constituting the predetermined number of decks, the
bottom face 5, inclined forward, for guiding the cards 2
onto the game table 6 from the card storage section 3,
and the front cover 8 provided in front of the main unit
15 7 and removably mounted on the main unit 7 in corporation
with the engagement member 9.

[0014]

This method includes (1) a step of removing a top
face cover 4 arranged on top of the card storage section
20 3 in the card shooter device 1 (a top face cover removal
step), (2) a step of removing the front cover 8 from the
main unit 7 in the card shooter device 1 (a front cover
removal step), (3) a step of preparing the packing box 13
storing the cards 2s constituting the predetermined
25 number of decks, dividing the packing box 13 along the
cut line 13c in the packing box 13 and removing the left
or right side surface of the packing box 13 to expose the

respective side surfaces of the cards 2s in the packing
box 13 (a card side surface exposure step: indicated by 2
in Figure 2), (4) a step of inserting a cut card 14 among
the cards 2a in the packing box 13 with the side surfaces
5 exposed (a cut card insertion step: indicated by 3 in
Figure 2), (5) a step of storing the cards 2s after the
cards 2s, together with a part of the packing box 13, are
slid into the card storage section 3 while being guided
by the bottom face 5 from the front of the main unit 7
10 from which the front cover 8 is removed (a card 2s
storage step: indicated by 4 in Figure 2), and (6) a step
of removing the packing box 13 from the card storage
section 3 and leaving only the cards 2s in the card
storage section 3 (a storage completion step: indicated
15 by 6 in Figure 2), and the cards 2s are stored in the
card storage section 3.

[0015]

The number of cut lines in the packing box 13 is not
limited to one. For example, a packing box 13 including
20 two cut lines can also be used. First, after either one
of left and right side surfaces of the packing box 13
including the two cut lines is removed, the cut card 14
is inserted therein (step (4)). Then, after the other
side surface is removed, the cards 2s may be stored in
25 the card storage section 3 with the cards 2s retained in
a left central band-shaped portion, i.e., with both the
side surfaces of the card 2s exposed.

[0016]

As described in Figure 1(d), an extension member 21 forming a structure serving as a bridge with an upper surface of the game table 6 can be arranged at a leading end of the front of the card shooter device 1. The cards 2s, together with a part of the packing box 13, can be slid from an upper surface of the extension member 21 and stored in the card storage section 3. This figure illustrates an example in which the structure serving as the bridge with the upper surface of the game table 6 is formed at the leading end of the front of the card shooter device 1 using the top face cover 4 as the extension member 21 (indicated by reference numerals 1 and 4 in Figure 2).

15 [0017]

Thus, according to the embodiment of the present invention, the top face cover 4 arranged on top of the card storage section 3 in the card shooter device 1 is first removed, and the card 2 is removed if left in the card storage section 3. Further, after the cards 2s are stored in the card storage section 3, the front cover 8, which has been removed from the main unit, is mounted on the card shooter device 1 (indicated by 5 in Figure 2), and the storage completion step (6) is then performed.

25 [0018]

A detailed structure of the engagement member 9 for removably mounting the front cover 8 on the card shooter

device 1 will be described below with reference to
Figures 3 to 7(b). As illustrated in Figure 4, two L-
shaped hooks 15 are provided in the engagement member 9
fixed to the card shooter device 1 with bolts B. Two L-
5 shaped hook receiving sections 16 in an opposite
direction to the two L-shaped hooks 15 are provided on
the back, mounted on the engagement member 9, of the
front cover 8. When the front cover 8 is slid along an
obliquely downward arrow X from above the engagement
10 member 9 while respective marks A in both the members
match each other, as illustrated in Figure 5, the two
hooks 15 in the engagement member 9 and the two hook
receiving sections 16 in the front cover 8 mesh with each
other.

15 [0019]

The engagement member 9 is provided with a groove 18
inside which a locking protrusion 17 is mounted, as
illustrated in Figure 4, and a button 20 having a bar-
shaped button extension section 19 on its bottom is
20 further mounted, as illustrated in Figures 5 to 7, on the
back, mounted on the engagement member 9, of the front
cover 8 (a locking device). When the front cover 8 is
slid while overlapping the engagement member 9 along the
obliquely downward arrow X from above the engagement
25 member 9, the button extension section 19 on the bottom
of the button 20 mounted on the front cover 8 enters the
groove 18 in the engagement member 9, and advances after

passing through a gap between the groove 18 and the locking protrusion 17 in the groove 18. However, after passing through the gap, the button extension section 19 is designed not to be returned by being caught by the locking protrusion 17 if the button extension section 19 attempts to be returned in an opposite direction (a lock (L) state). When the button 20 on the top of the button extension section 19 is pushed along an arrow Y inward from outside while being slid in an opposite direction to the arrow X, the button extension section 19 can be returned to its original state after moving inward simultaneously with the button 20 and passing through the gap between the groove 18 and the locking protrusion 17 in the groove 18 (an unlock (UL) state). The button 20 and the button extension section 19 are connected to the front cover with a member having a structure of an elastic spring s interposed therebetween. The button extension section 19 returns to its original state when the button 20 is released after being pushed with a finger inward from outside. Therefore, the front cover 8 is designed to be required to be removed by being slid in an obliquely upward direction (in an opposite direction to the arrow X) while the button 20 is pressed. Thus, a hook-shaped member, a magnet, and the elastic spring s can also be used to make the front cover 8 and the card shooter device 1 removable from each other in addition to

a meshing structure and a locking structure formed between the front cover 8 and the engagement member 9.

[0020]

The card shooter device 1 is preferably adapted so that a length 1 from a position 51 at a leading end on the lower side of the front cover 8 to a leading end 52 of the main unit on the bottom face 5 is not less than half the length in a longitudinal direction of the packing box 13 storing the cards 2s when the front cover 8 is mounted (see Figure 8). When the card shooter device 1 is thus adapted, the cards 2s in the packing box 13 respective side surfaces of which remain exposed can be stably placed on the bottom face 5 from the position 51 at the leading end on the lower side of the front cover 8 to the leading end 52 of the main unit when the front cover 8 is mounted, i.e., the cards 2s can be prevented from being inclined in a direction of the game table 6. Therefore, workability in arranging the order of the cards 2s is improved.

[0021]

The bottom face 5 may be formed to continue to the upper surface of the game table 6 by adapting the card shooter device 1 so that an inclined extension body 23 having its leading end contacting the game table 6 is separately installed at the leading end 52 of the main unit and the leading end of the inclined extension body 23 contacts the game table 6 (see Figures 9(a) and 9(b)).

When the card shooter device 1 is thus configured, the cards 2s in the packing box 13 the side surfaces of which remain exposed can be slid into the card storage section 3 from the front of the main unit 7 after the order of the cards 2s is arranged once after being placed to extend over the game table 6 and the leading end 52 of the main unit. A case where the bottom face 5 continues to the upper surface of the game table 6 also includes a case where there is a step between the leading end of the inclined extension body 23 and the game table 6 in a range in which the cards 2s are slid into the card storage section 3 between the bottom face 5 and the game table 6 without any difficulty. The leading end 52 of the main unit may contact the game table 6 instead of the inclined extension body 23 being used. When the card shooter device 1 is thus configured, restrictions on a location where the cards 2s are placed are loosened. Therefore, workability in arranging the order of the cards 2s is improved.

[0022]

Figure 10 illustrates a card 2 constituting the card 2s. On the card 2 used for a table game such as baccarat, a numeric character is coded, and is printed as codes C with UV (ultraviolet) ink or the like which is generally invisible. The codes C are respectively point-symmetrically provided on the upper side and the lower side of the card 2. The code C is printed with paint

which is visualized by receiving ultraviolet light, and is desirably printed at a position not overlapping a type notation and an index of a card.

[0023]

5 Details of a reading device 22, which reads the codes C representing a numeric character (a place, a number, a rank) on the card 2 when the card 2 is manually extracted from the card storage section 3 will be described below with reference to Figure 11. The reading
10 device 22 is provided on the bottom face 5 for guiding the cards 2 manually extracted one by one from the opening 10 in front of the card storage section 3 on the game table 6. When the locking member 12 also used as a reading device cover 25 for covering a sensor group in
15 the reading device 22 is removed, the sensor group in the reading device 22 is exposed (the reading device cover 25 is removable with a screw). The sensor group includes an ultraviolet reaction sensor (UV sensor) 120 and two object detection sensors 122 and 123, for example.

20 [0024]

 In the reading device 22, a control section (not illustrated) controls the start and the end of reading of the UV sensor 120 based on respective detection signals of the object detection sensors 122 and 123. The control
25 section (not illustrated) determines whether the card 2 has normally passed over the bottom face 5 based on the detection signals of the object detection sensors 122 and

123. As illustrated in Figure 10, square codes C each representing a rank (number) and a suit (heart, spade, etc.) of the card are arranged in two rows and four columns at edges of the card 2. The UV sensor 120
5 outputs an on signal when it detects the code C. The reading device 22 determines a relative relationship between both signals input from the UV sensor 120. Thus, the reading device 22 specifies the code depending on a relative difference between the two codes C detected by
10 the UV sensor 120, for example, and specifies a number (a rank) and a type (suit) of the corresponding card 2.
[0025]

Thus, the control device (not illustrated) determines victory or defect of a game based on the
15 number (rank) of the card 2 read from the card 2.
[0026]

While the reading device cover 25 functions to protect the sensor group in the reading device 22 from damage, the reading device cover 25 may be adapted to
20 function as the locking member 12.
[0027]

While the preferred embodiment of the present invention considered at this time has been described above, it is understood that various modifications to the
25 present embodiment can be made and it is intended that all such modifications within the true spirit and scope of the present invention are included in attached claims.

Industrial Applicability

[0028]

A card shooter device according to the present
5 invention and a method for storing cards in a card
storage section in the card shooter device are useful for
a playing game in a casino or the like because they make
it easy to store the cards in the card storage section in
the card shooter device prior to the playing game and can
10 prevent a mistake of erroneously scattering the cards to
break a deck.

Reference Signs List

[0029]

- 15 1 Card shooter device
- 2 Card
- 2s Cards constituting a predetermined number of decks
- 3 Card storage section
- 4 Top face cover
- 20 5 Bottom face
- 6 Game table
- 7 Main unit
- 8 Front cover
- 9 Engagement member
- 25 10 Opening
- 11 Protrusion
- 12 Locking member

	13	Packing box
	14	Cut card
	15	Hook
	16	Hook receiving section
5	17	Locking protrusion
	18	Groove
	19	Button extension section
	20	Button
	21	Extension member
10	22	Reading device
	23	Inclined extension body
	24	Screw
	25	Reading device cover
	C	Code
15	A	Mark

Claims

[Claim 1]

A shooter device comprising:

5 a main unit including a card storage section storing cards constituting a predetermined number of decks;

a removable top face cover, arranged on top of the card storage section, for covering the card storage section;

10 a bottom face, inclined forward, for guiding the cards onto a game table from the card storage section;

a front cover arranged in front of the main unit so that the cards can be extracted one by one from the card storage section; and

15 an extension member which can be provided at a leading end of the front of the main unit, wherein the extension member serves as a bridge between an upper surface of the game table and the bottom face;

wherein a locking member for locking the extension member is provided at the leading end of the main unit;

20 wherein a protrusion locked into the locking member is provided on the back of the top face cover to lock the top face cover at the leading end of the main unit; and

wherein the front cover is removably mounted on the main unit in cooperation with an engagement member provided in front of the main unit, and wherein when the front cover is mounted, the front cover restricts forward

movement of the cards constituting the predetermined number of decks stored in the card storage section while creating an opening through which the cards can pass one by one between the front cover and the bottom face, and
5 while the front cover is removed, the front cover provides a front face opened state where the cards can be slid and stored in the card storage section from the front of the main unit while being guided by the bottom face.

[Claim 2]

The card shooter device according to claim 1,
wherein the extension member includes a removable top
face cover, arranged on top of the card storage section,
5 for covering the card storage section.

[Claim 3]

The card shooter device according to claim 1,
wherein the locking member includes a reading device
cover, provided at the leading end of the main unit, for
10 covering a reading device which reads the cards extracted
one by one from the card storage section.

[Claim 4]

The card shooter device according to claim 1,
further comprising an inclined extension body inclined
from a leading end of the bottom face to continue to an
upper surface of the game table.

5 [Claim 5]

The card shooter device according to claim 1 or 4,
wherein the inclined extension body can be removed from
the main unit.

[Claim 6]

10 The card shooter device according to claim 1,
wherein a length from a position at a leading end of the
lower side of the front cover to a leading end of the
main unit on the bottom face when the front cover is
mounted is not less than half the length in a
15 longitudinal direction of a packing box storing the cards.

[Claim 7]

A method for storing cards, the method using a
packing box storing cards constituting a predetermined
number of decks to store the cards in the packing box in
20 a card shooter device for dealing the cards on a game
table, wherein

the packing box has a rectangular parallelepiped
shape, includes a cut line parallel to a longitudinal
direction of a rectangular parallelepiped, and is adapted
25 to be able to expose respective side surfaces of the
cards within the packing box by dividing the packing box
along the cut line to remove a left or right side surface
of the packing box, and

the card shooter device comprises a main unit including a card storage section storing the cards constituting the predetermined number of decks, and a bottom face, inclined forward, for guiding the cards onto
5 the game table from the card storage section, and a front cover provided in front of the main unit and removably mounted on the main unit in cooperation with an engagement member,

the method comprising:

10 a step of removing a top face cover arranged on top of the card storage section in the card shooter device;

a step of removing the front cover from the main unit in the card shooter device;

a side surface exposure step of preparing the
15 packing box storing the cards constituting the predetermined number of decks, and exposing the side surfaces of the cards in the packing box by dividing the packing box along the cut line in the packing box to remove the left or right side surface of the packing box;

20 a card cutting step of inserting a cut card among the cards in the packing box with the side surfaces exposed;

a card storage step of sliding and storing the cards in the card storage section while the cards, together
25 with a part of the packing box, are guided by the bottom face from the front of the main unit from which the front cover is removed; and

a storage completion step of removing the packing box from the card storage section and leaving only the cards in the card storage section.

[Claim 8]

5 The method for storing cards according to claim 7, further comprising a storage step of

providing an extension member at a leading end of the front of the main unit, and forming a top face of the extension member to continue to the bottom face of the
10 card storage section, and

placing the cards in the packing box with the side surfaces exposed on the extension member, or placing the cards to extend over the extension member and the leading end of the main unit, and

15 then sliding and storing the cards in the card storage section.

[Claim 9]

The method for storing cards according to claim 8, wherein a removable top face cover, arranged on top of
20 the card storage section, for covering the card storage section is used as the extension member.

[Claim 10]

The method for storing cards according to claim 8 or 9, further comprising the step of locking the extension
25 member provided at the leading end of the main unit at the leading end of the main unit.

[Claim 11]

The method for storing cards according to claim 10,
wherein the locking step uses a protrusion and a locking
5 member for locking the extension member with the
protrusion.

[Claim 12]

The method for storing cards according to claim 11,
wherein a reading device cover, provided at the leading
10 end of the main unit, for covering a reading device which
reads the cards extracted one by one from the card
storage section is used as the locking member.