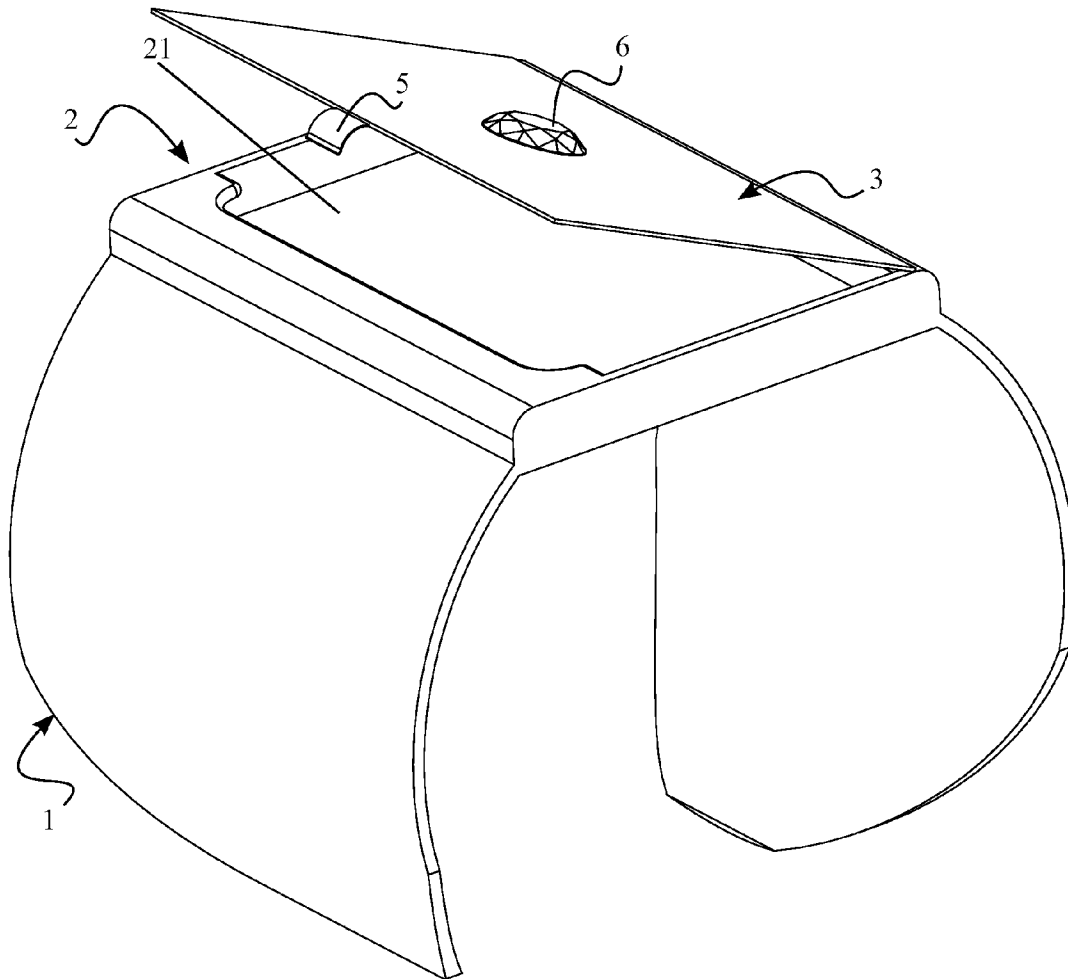




US 20130086943A1

(19) **United States**(12) **Patent Application Publication**
Turney(10) **Pub. No.: US 2013/0086943 A1**(43) **Pub. Date: Apr. 11, 2013**(54) **APPARATUS FOR A CUFF BRACELET WITH
A STORAGE SECTION**(52) **U.S. CL.**
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(US)(57) **ABSTRACT**(72) Inventor: **Sophia C. Turney**, Germantown, TN
(US)(21) Appl. No.: **13/625,464**(22) Filed: **Sep. 24, 2012****Related U.S. Application Data**(60) Provisional application No. 61/543,853, filed on Oct.
6, 2011.**Publication Classification**(51) **Int. Cl.**
A44C 5/00 (2006.01)

An apparatus of a cuff bracelet with a storage section includes an attachment segment, a storage compartment, a lid, at least one printed graphic, and at least one ornamental accessory. The storage compartment is connected to the attachment segment from top where the attachment segment positioned around user's hand. The lid is pivotally connected to the storage compartment from one end and engaged with a locking panel on the storage compartment from the other end. The storage compartment may also position inside the attachment segment without the lid. The at least one ornamental accessory and the at least one printed graphic can be positioned anywhere on the attachment segment and the lid, transforming the cuff bracelet with a storage section into a jewelry item.



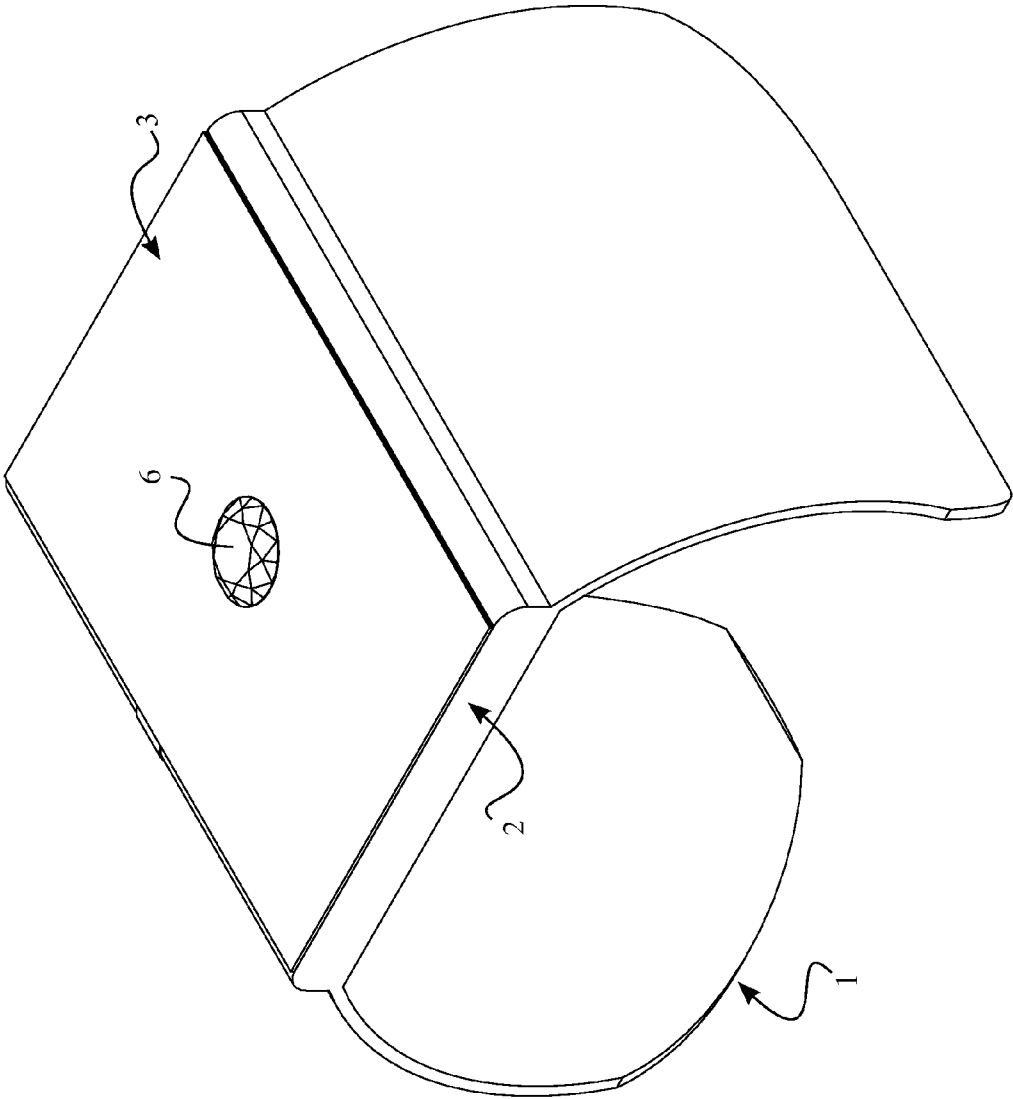


FIG. 1

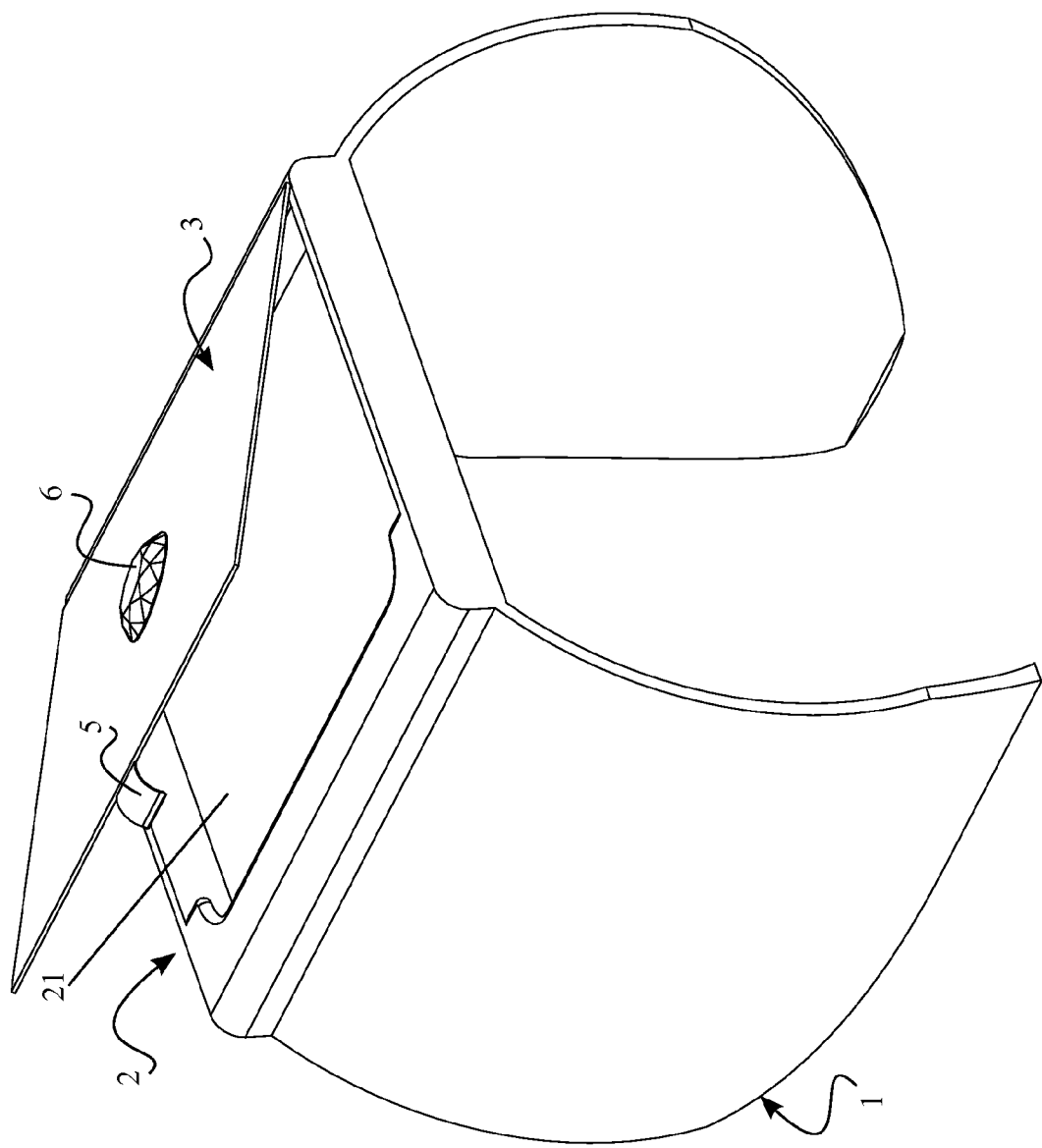


FIG. 2

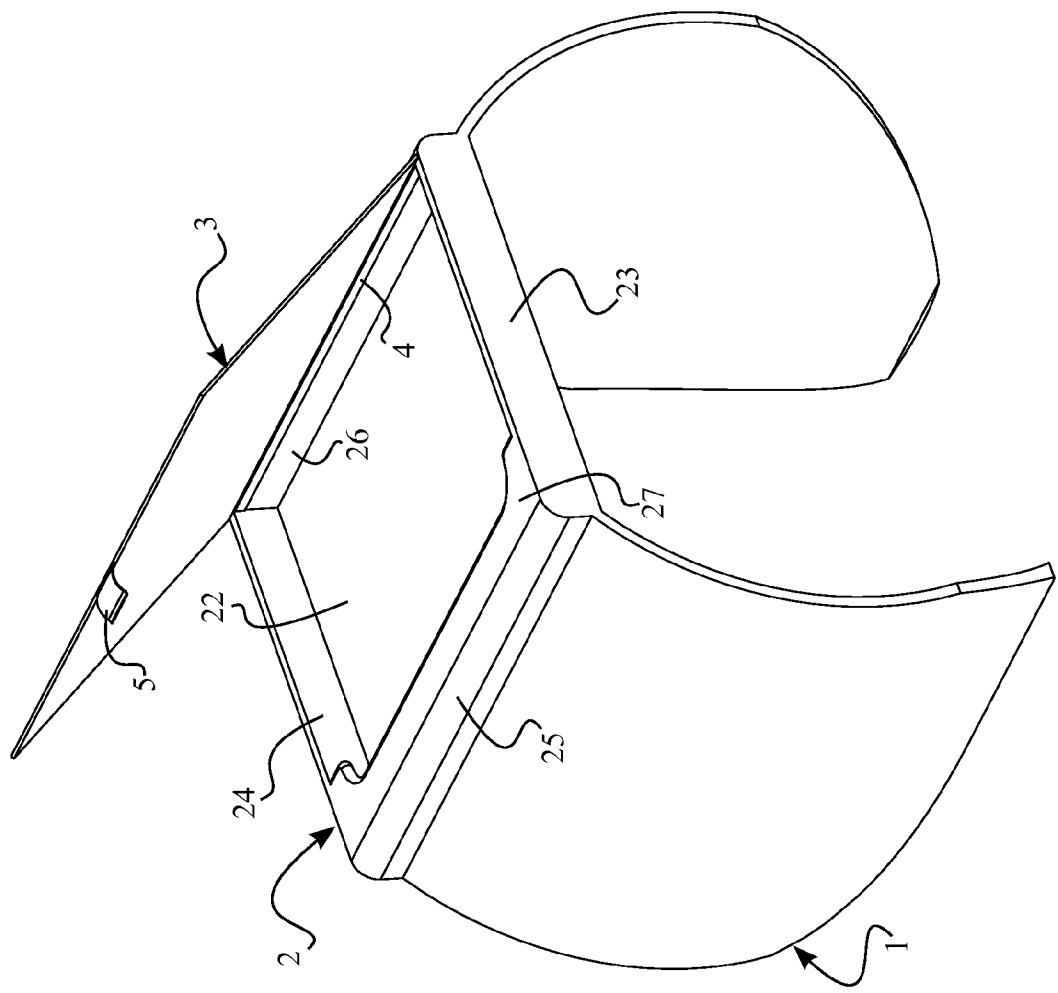


FIG. 3

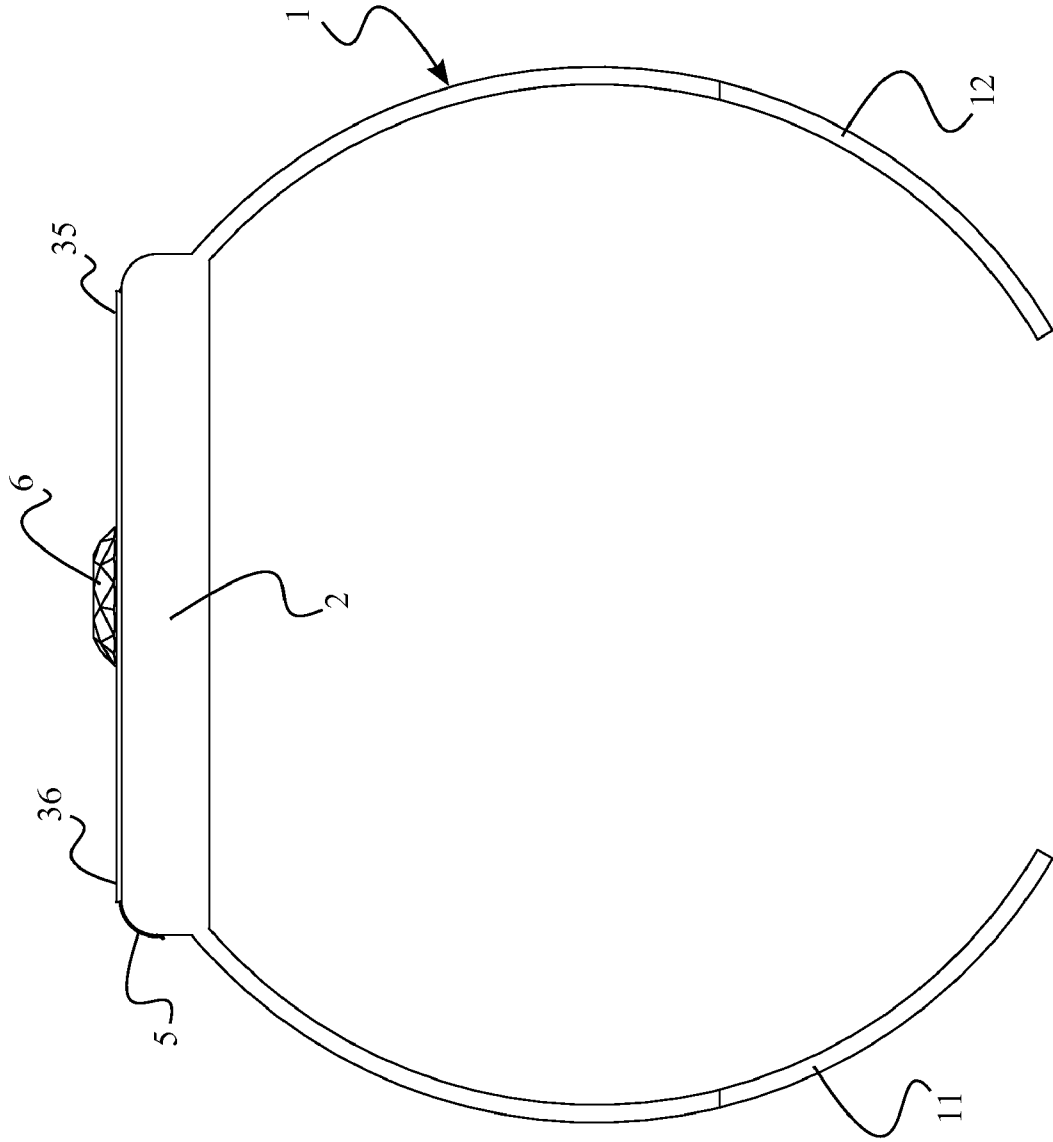


FIG. 4

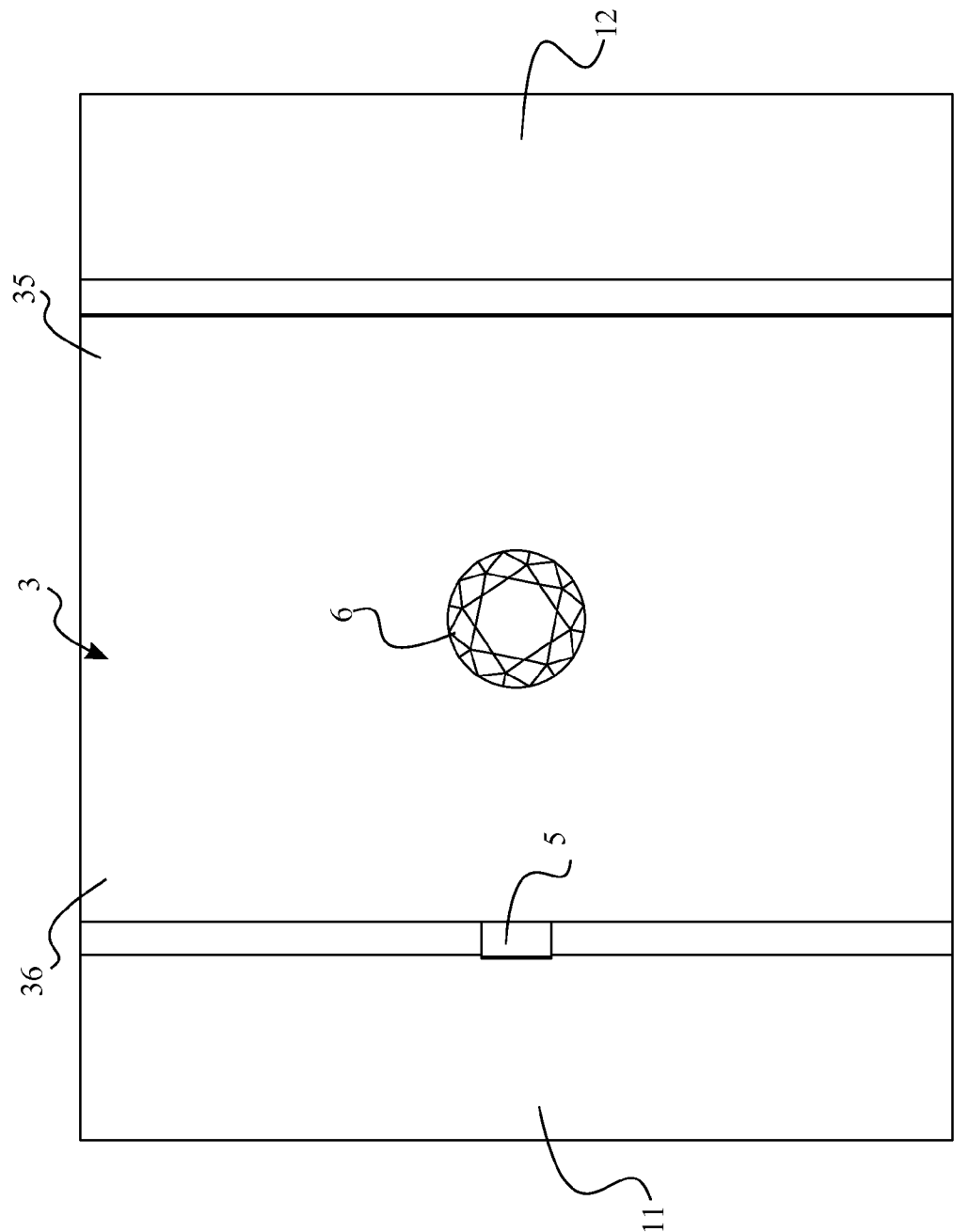


FIG. 5

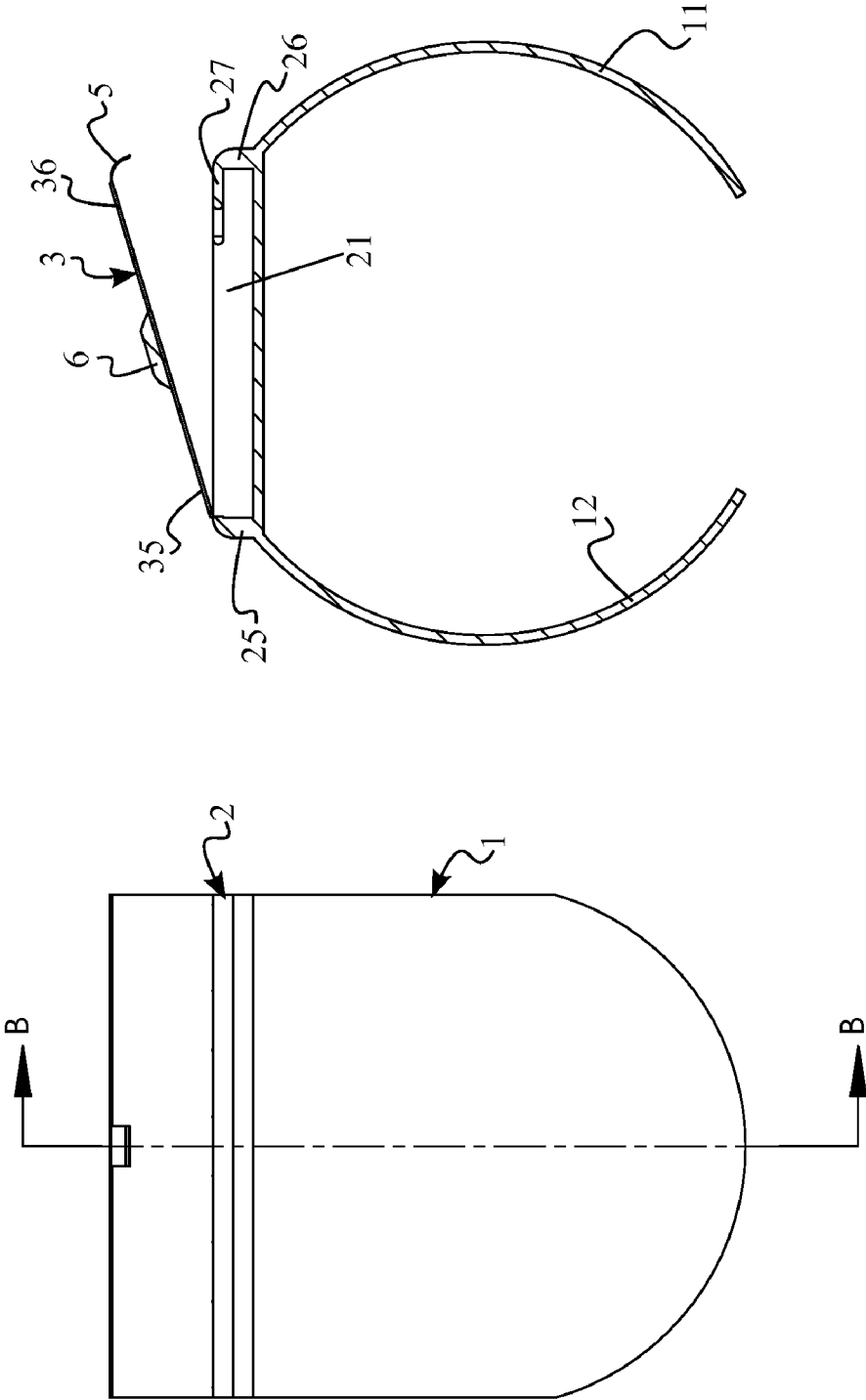


FIG. 7

FIG. 6

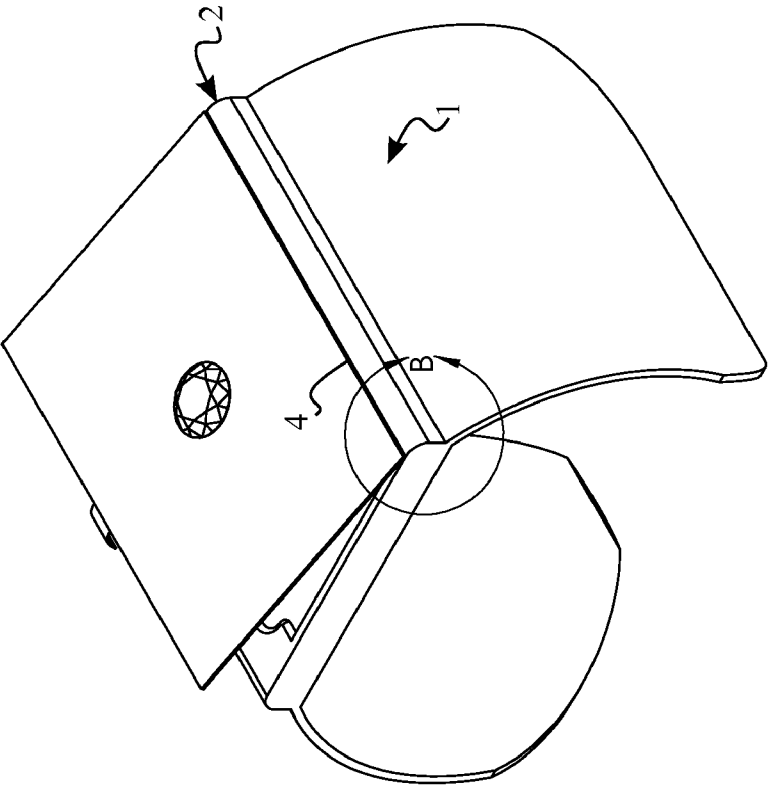
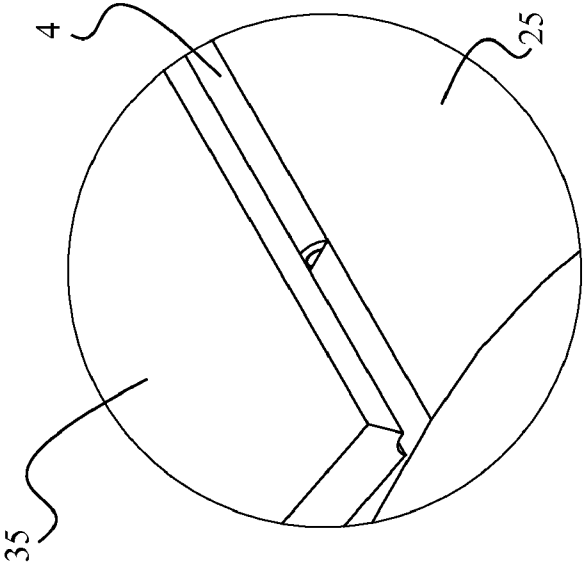


FIG. 8



DETAIL B
SCALE 26:1

FIG. 9

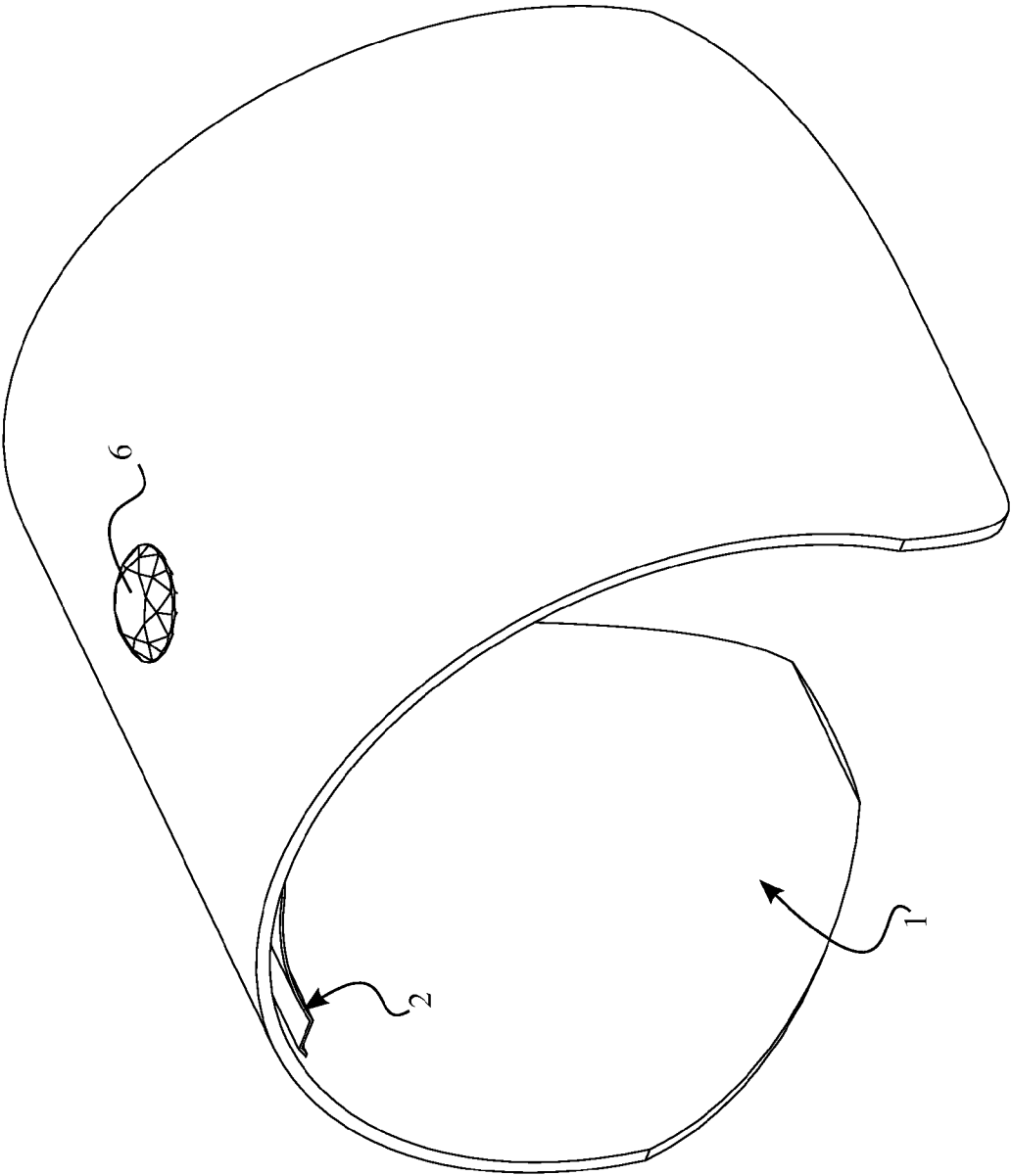


FIG. 10

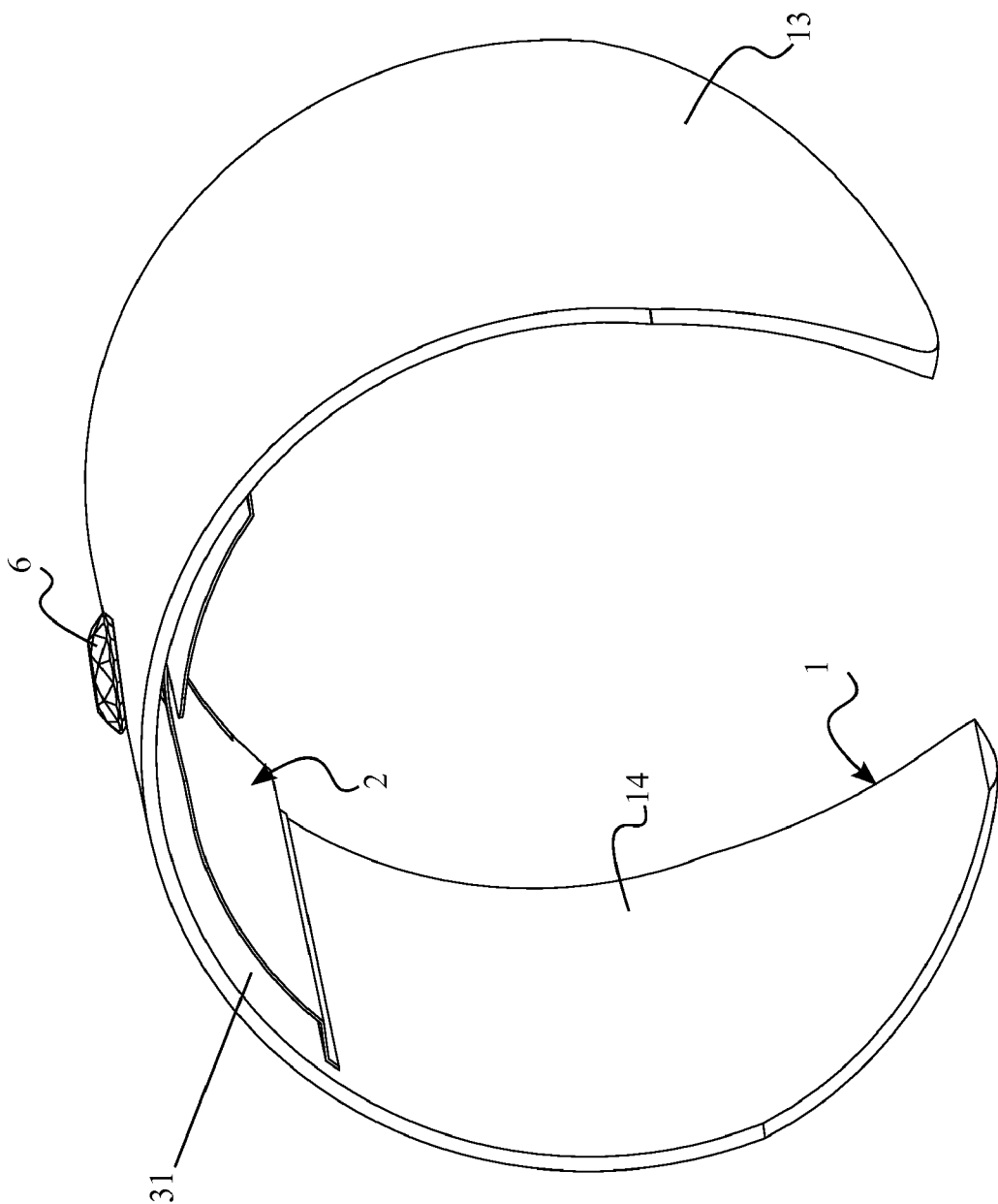


FIG. 11

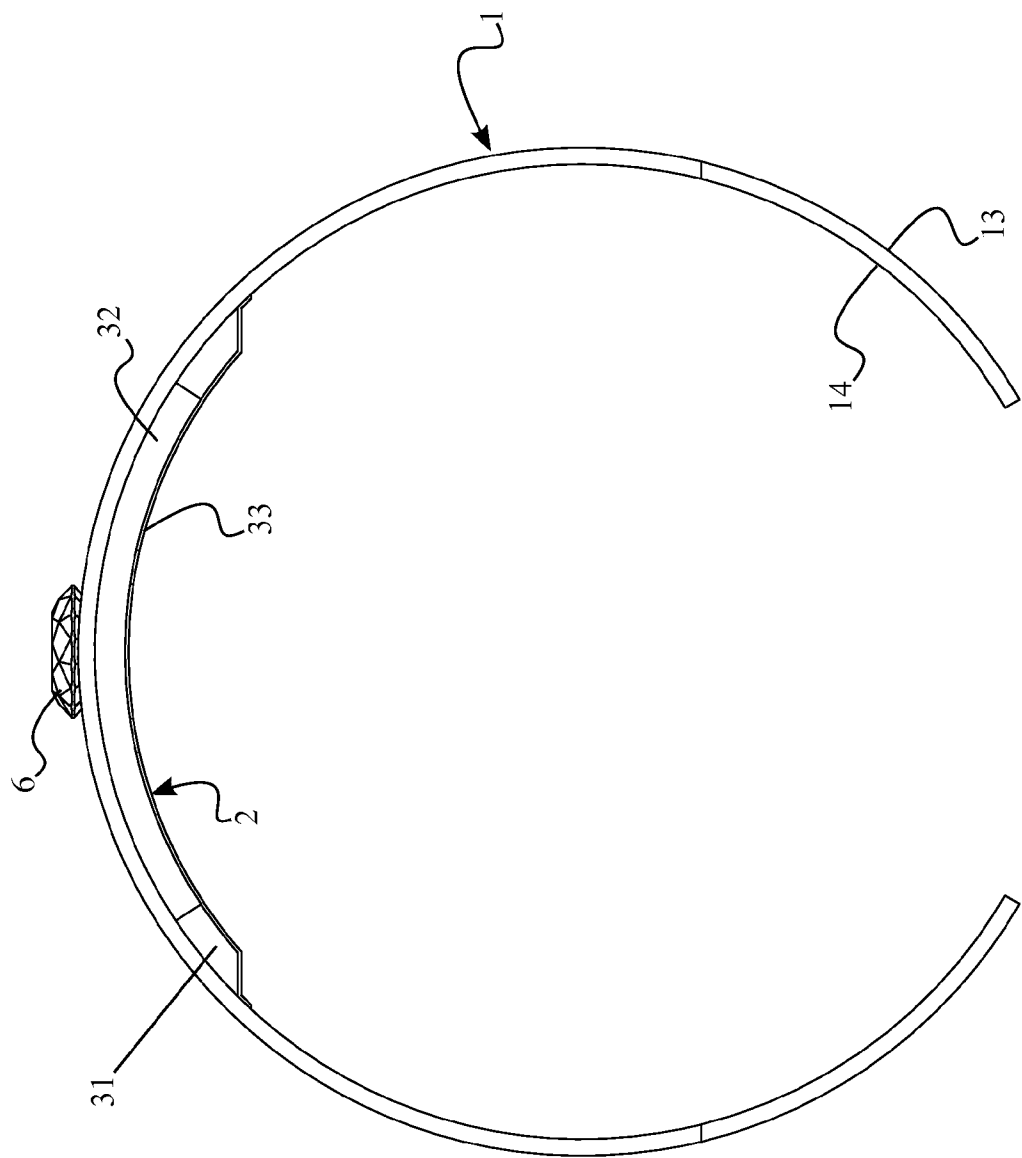


FIG. 12

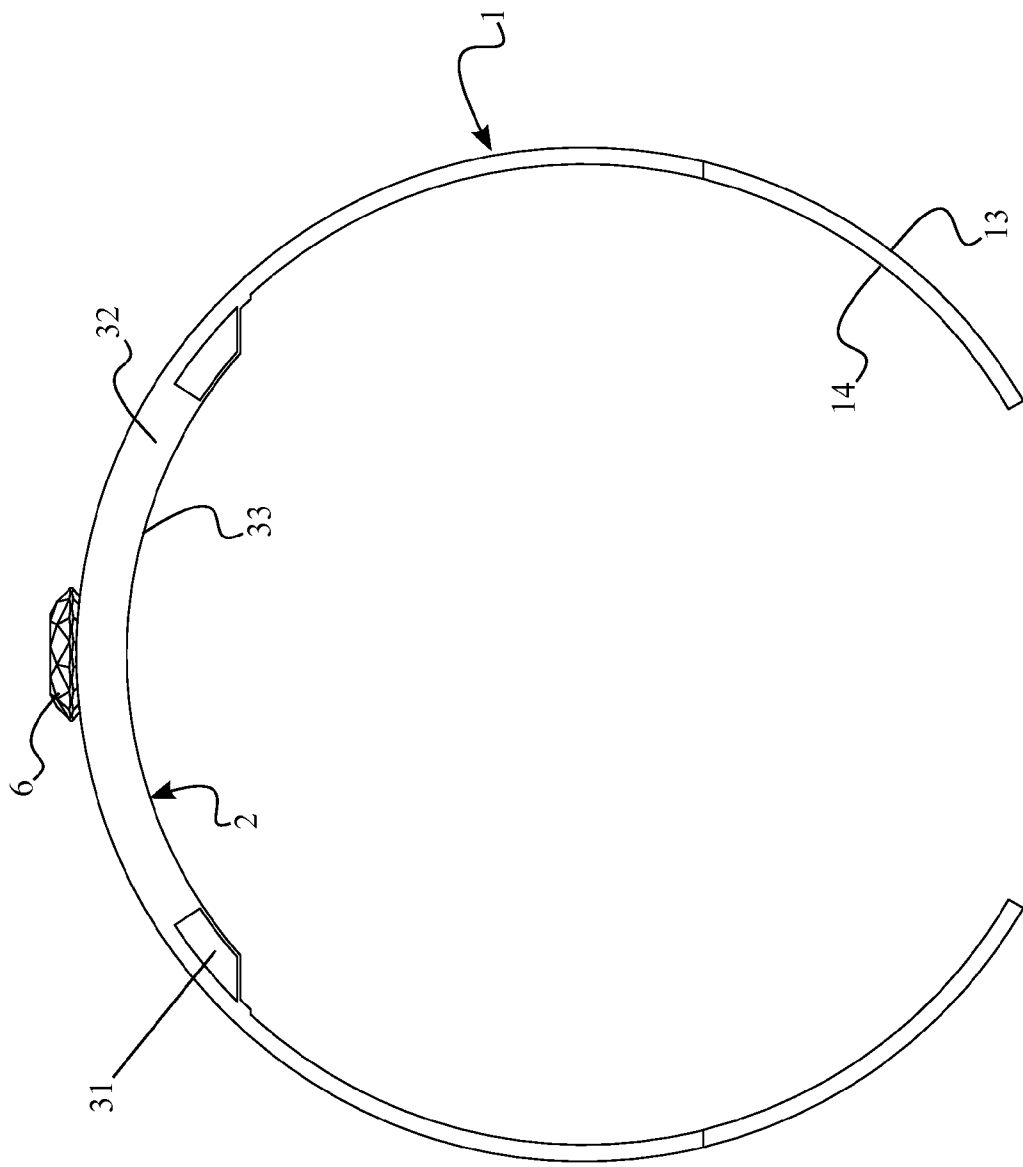


FIG. 13

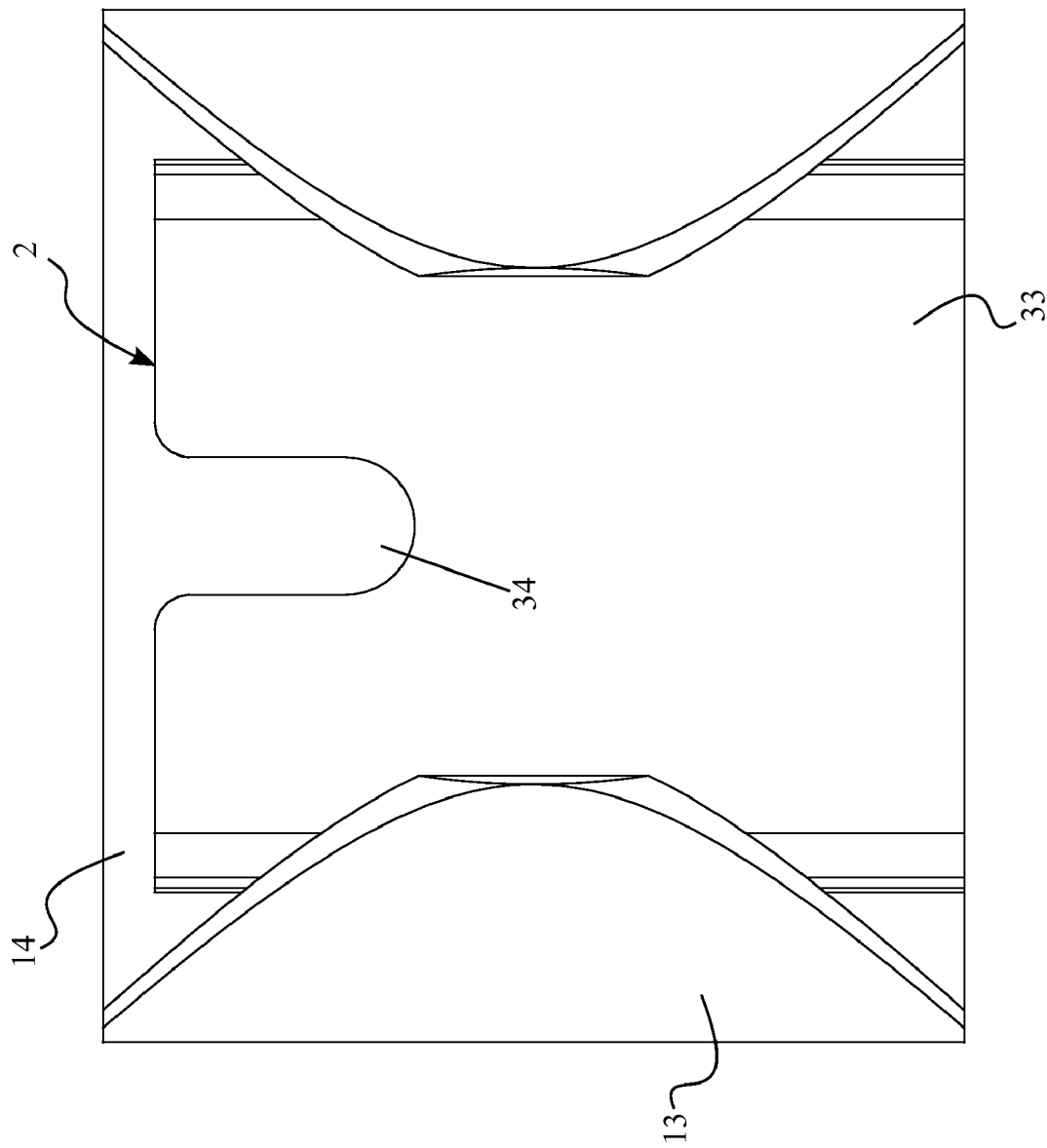


FIG. 14

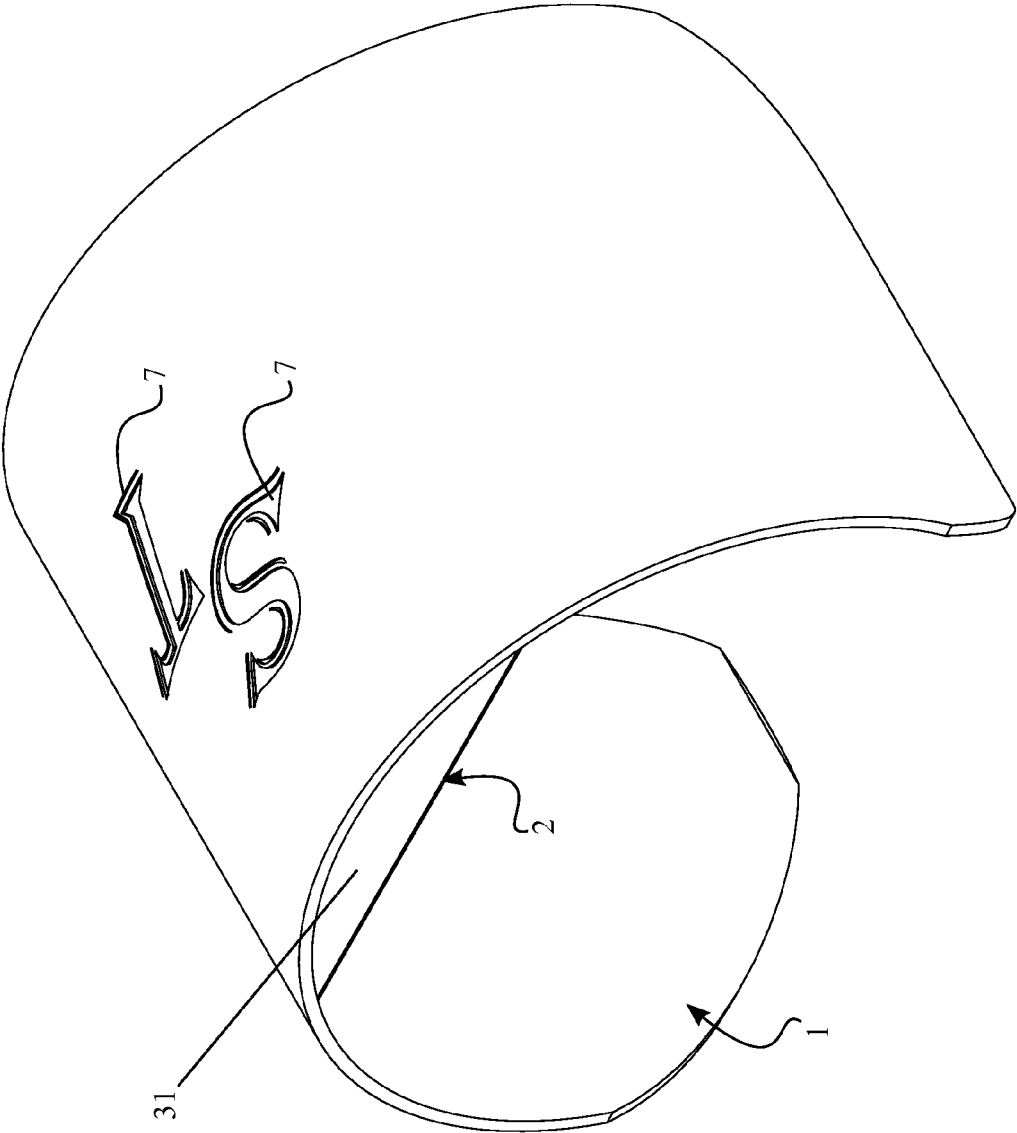


FIG. 15

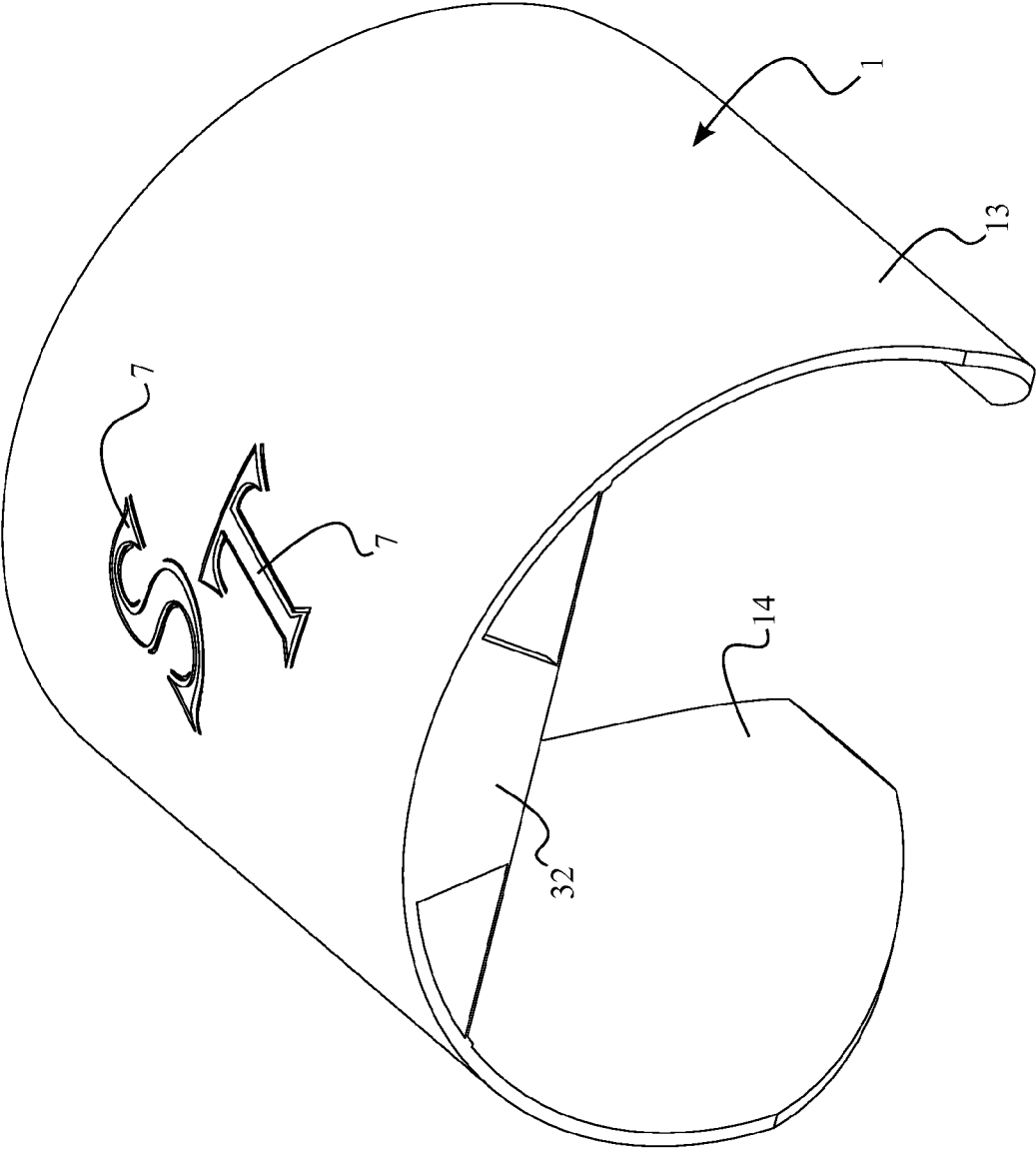


FIG. 16

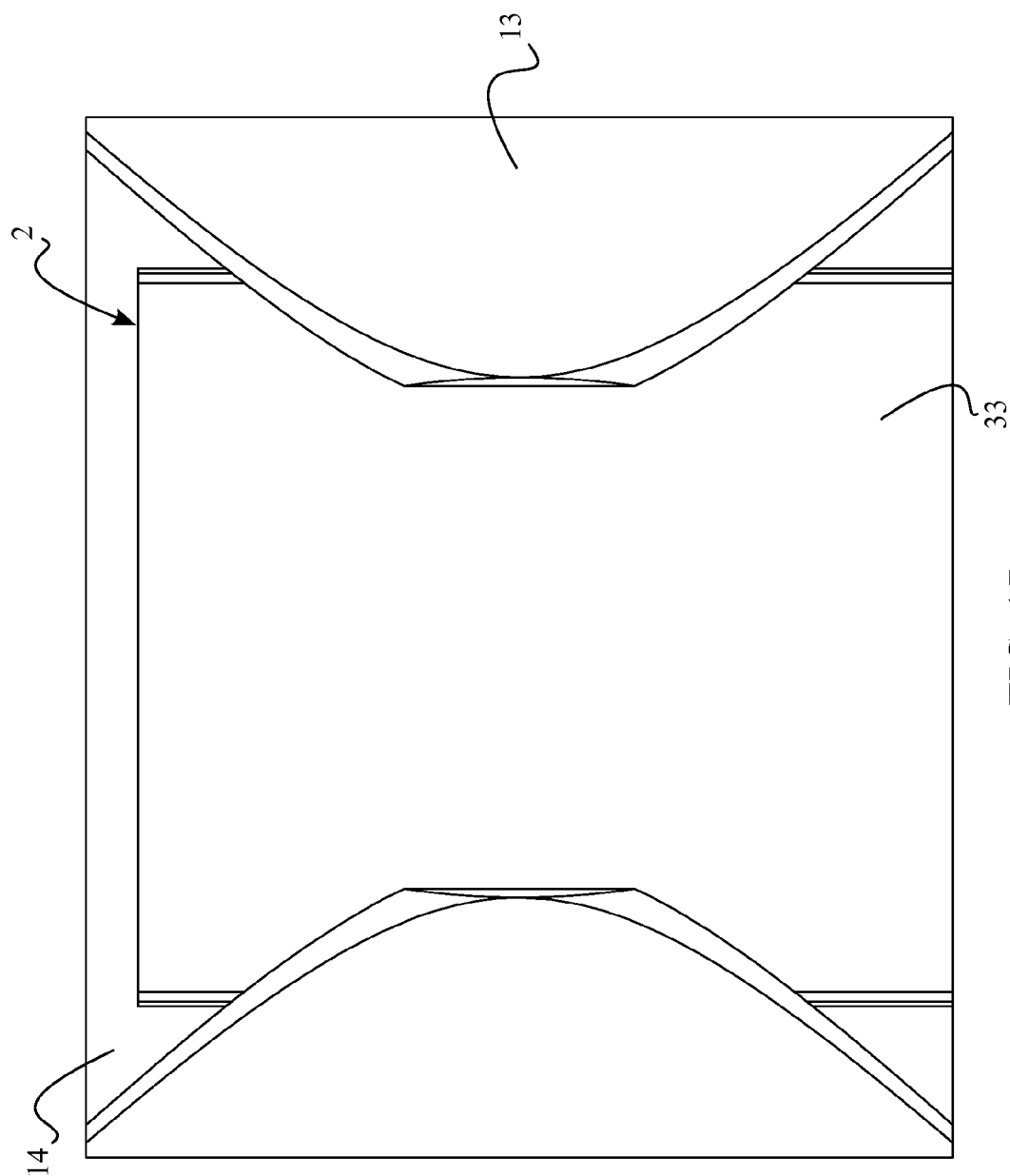


FIG. 17

APPARATUS FOR A CUFF BRACELET WITH A STORAGE SECTION

[0001] The current application claims a priority to the U.S. Provisional Patent application Ser. No. 61/543,853 filed on Oct. 6, 2011.

FIELD OF THE INVENTION

[0002] The present invention relates generally to an apparatus for jewelry. More specifically, the present invention is a bracelet having a storage section for carrying one's cards, such as credit cards or driver's license.

BACKGROUND OF THE INVENTION

[0003] Purses and clutch handbags are typically used by women and wallets are typically used by men to hold personal items such as cash/cards, keys, cosmetics, etc. Many women choose to use a larger bag to contain all of her belongings for everyday use, such as a tote bag, backpack, or shoulder bag, while smaller handbags or clutches are generally preferred as an evening bag. However, a problem with using a smaller handbag or clutch as an evening bag is the possibility of misplacing or neglecting the article at any given social event. Since a small handbag/clutch is often used to carry bare necessities such as credit cards or identification cards, losing sight of the bag can be troublesome and stressful. Since men choose to keep the wallets, they constantly have to pull out the wallets for every occasion which increases the probability of losing the wallet. It is therefore an object of the present invention to provide a bracelet to be worn on a user's wrist, having a card containing housing for carrying necessities such as credit cards or identification cards.

BRIEF DESCRIPTION OF THE DRAWINGS

[0004] FIG. 1 is a back perspective view showing the first embodiment of the present invention.

[0005] FIG. 2 is a front perspective view showing the first embodiment of the present invention with a lid being at an opened position.

[0006] FIG. 3 is another front perspective view showing the first embodiment of the present invention with the lid being at the opened position.

[0007] FIG. 4 is a front view showing the first embodiment of the present invention with the lid being at a closed position.

[0008] FIG. 5 is a top view showing the first embodiment of the present invention.

[0009] FIG. 6 is a side view showing the first embodiment of the present invention.

[0010] FIG. 7 is a cross section view of the FIG. 6.

[0011] FIG. 8 is a back perspective view showing the first embodiment of the present invention with a hinge.

[0012] FIG. 9 is a detail view of the positioning of the hinge in FIG. 8.

[0013] FIG. 10 is a perspective view showing the second embodiment of the present invention.

[0014] FIG. 11 is another perspective view showing the second embodiment of the present invention.

[0015] FIG. 12 is a front view showing the second embodiment of the present invention.

[0016] FIG. 13 is a back view showing the second embodiment of the present invention.

[0017] FIG. 14 is a bottom view showing the second embodiment of the present invention.

[0018] FIG. 15 is a perspective view of the third embodiment of the present invention.

[0019] FIG. 16 is a different perspective view of the third embodiment of the present invention.

[0020] FIG. 17 is a bottom view of the third embodiment of the present invention.

DETAIL DESCRIPTIONS OF THE INVENTION

[0021] All illustrations of the drawings are for the purpose of describing selected versions of the present invention and are not intended to limit the scope of the present invention.

[0022] The present invention is an apparatus for a cuff bracelet with a storage section which allows for a user to conveniently carry different objects, such as bank cards, credit cards, identification cards, store cards, keys, and any other similar objects, without the use of user's hands. As long as the objects securely fit into the storage section, the objects can be carried by the present invention. Three embodiments of the present invention are hereinafter described, a first embodiment, a second embodiment, and third embodiment, where one does not precede the other. Since all of the components in the first embodiment are firmly connected to each other, the first embodiment can be waterproof so that the stored objects can be protected from water.

[0023] In reference to FIG. 1, FIG. 2, FIG. 8 the first embodiment comprises an attachment segment 1, a storage compartment 2, a lid 3, a hinge 4, a locking mechanism 5, at least one ornamental accessory 6, and at least one printed graphic 7. The storage compartment 2 comprises a compartment cavity 21, a base 22, a first side panel 23, a second side panel 24, a connector panel 25, a locking panel 26, and a protrusion 27. The first side panel 23, the second side panel 24, the connector panel 25, and the locking panel 26 are upwardly extended from the base 22 and perpendicularly interconnected to each other. The first side panel 23 and the second side panel 24 are oppositely positioned from each other and perpendicularly connected to the base 22. The connector panel 25 and the locking panel 26 are oppositely positioned from each other and perpendicularly positioned with the first side panel 23 and second side panel 24. The connector panel 25 and the locking panel 26 are also perpendicularly connected to with the base 22. The compartment cavity 21 is positioned in between the base 22, the first side panel 23, the second side panel 24, the connector panel 25, and the locking panel 26. In reference to FIG. 3, the protrusion 27 is oppositely positioned parallel with the base 22 and connected to the first side panel 23, the second side panel 24, and the locking panel 26. The storage compartment 2 allows the user to store the different objects within the compartment cavity 21. The protrusion 27 provides an obstruction for the stored objects, such as credit cards and identification card, so that the stored objects do not fall out from the compartment cavity 21 when the compartment cavity 21 is perpendicularly positioned with the ground surface. Even though the preferred embodiment of the first embodiment comprises a rectangular shaped storage compartment 2, the present invention is not limited to the rectangular shaped storage compartment 2 and may comprise different geometrical shapes with additional related components.

[0024] In reference to FIG. 4 and FIG. 5, the lid 3 is positioned above the compartment cavity 21 where the lid 3 comprises a hinged end 35 and a latched end 36. The hinged end 35 and the latched end 36 oppositely positioned on the lid 3. The hinged end 35 is pivotally connected to the storage

compartment 2 by the hinge 4. Even though the lid 3 and the storage compartment 2 in the first embodiment are pivotally connected by the hinge 4, the lid 3 can also be pivotally connected to the storage compartment 3 by any type of flexible joint. In reference to FIG. 9, the hinge 4 is connected to the inside panel of the hinged end 35 of the lid 3 and the inside panel of the connector panel 25. The hinge 4 enables the lid 3 to move along a path where the lid 3 is moved in between an opened position and a closed position. Even though the hinge 4 in the first embodiment is connected to the hinged end 35 and the connector panel 25 from the inside, the hinge 4 can also be connected to the hinged end 35 and the connector panel 25 from the outside as long as the lid 3 can move in between the opened position and the closed position. When the lid 3 is at the closed position, the lid 3 completely covers the compartment cavity 21. Then the user can not access the compartment cavity 21. When the lid 3 is at the opened position, the lid 3 angularly positions with the base 22. The user can only access the compartment cavity 21 when the lid 3 is at the opened position. The inside panel of the lid 3 may comprise additional components such as, an ornamental minor, flexible compartments with closing devices, a small message section, and decorative items.

[0025] The locking mechanism 5 engages the latched end 36 of the lid 3 with locking panel 26. In the first embodiment, a snap locking system with a latch is used as the locking mechanism 5, but the locking mechanism 5 is not limited only to the snap locking system and can be any other locking system such as, mechanical locking systems, pin locking systems, or magnetic locking systems. In order for the locking mechanism to functions 5, the lid 3 needs to be position at the closed position.

[0026] In reference to FIG. 6 and FIG. 7, the attachment segment 1 comprises a first attachment member 11 and a second attachment member 12. The first attachment member 11 and the second attachment member 12 position around the arm of the user and provide the necessary support for the storage compartment 2 so that the present invention stays around the user's arm. The first attachment member 11 and the second attachment member 12 are vertically located from each other and positioned below the storage compartment 2. The first attachment member 11 adjacently connects to the bottom side of the base 22 from one end, and the second attachment member 12 adjacently connects to the bottom side of the base 22 from the opposite end. In the first embodiment, the first attachment member 11 and the second attachment member 12 function like the cuff bracelet. The first attachment member 11 and the second attachment member 12 are not limited to the cuff bracelet shape and can be any other related attachment systems, such as a pair of flexible attaching straps, a pair of belts with an engaging mechanism, or a sectional bangle with an engaging mechanism.

[0027] In reference to FIG. 2 and FIG. 5, the at least one ornamental accessory 6 and the at least one printed graphic 7 are connected to the outside surface of the lid 3 and can be connected or positioned anywhere in the lid 3. The at least one ornamental accessory 6 and the at least one printed graphic 7 may also be connected or positioned on the attachment segment 1. The at least one ornamental accessory 6 in the present invention can be a jewelry piece, a picture, a minor, a clock, a graphic user interface with pre-programmed application, or any other type of decorative item. The at least one printed graphic 7 in the present invention can be a patterned design, a painting, an engraving, an etching, or any other type of deco-

orative graphic. In the preferred embodiment of the first embodiment, a diamond is shown as the at least one ornamental accessory 6. The number of ornament accessories 6 and the numbers of printed graphics 7 in the present invention are not limited to one, and the number of ornamental accessories 6 and the number of printed graphics 7 depend only on the functionality and the aesthetic appearance of the present invention. The aesthetic appearance of the present invention is selectively structured according to the preference of different age groups and different genders in order to attract variety of consumer markets. For example, the present invention can be completed with feminine ornamental accessories 6 and printed graphics 7, such as diamonds, gems and pictures, to attract female consumer groups, and the present invention can be completed with sports related ornamental accessories 6 and printed graphics 7, such as team logos and team names, to attract male consumer groups.

[0028] In reference to FIG. 10 and FIG. 11, the second embodiment in the present invention comprises the attachment segment 1, the at least one ornamental accessory 6, the at least one printed graphic 7, and the storage compartment 2. The attachment segment 1 in the second embodiment, as suppose to the first embodiment, comprises a single attachment member. The single attachment member positions around the arm of the user and provides the necessary support for the storage compartment 2 so that the present invention stays around the user's arm. The single attachment member functions like the cuff bracelet but is not limited to the cuff bracelet and can be any other related attachment systems, such as a flexible attaching strap, a belt with an engaging mechanism, or a bangle. The at least one ornamental accessory 6 and the at least one printed graphic 7 in the second embodiment is connected or positioned on an outer panel 13 of the attachment segment 1 and can be positioned anywhere in the attachment segment 1. Similar to the first embodiment, multiple numbers of ornamental accessories 6 and printed graphics 7 can be connected or positioned on the attachment segment 1 in the second embodiment. The storage compartment 2 in the second embodiment is positioned with an inner panel 14 of the attachment segment 1 and located hidden within the attachment segment 1.

[0029] The storage compartment 2 in the second embodiment, in contrast to the first embodiment, comprises a compartment recess 31, a barrier 32, a compartment sidewall 33, and a sidewall notch 34. In reference to FIG. 12, the compartment sidewall 33 concavely connects with the inner panel 14 of the attachment segment 1 where the compartment recess 31 is created in between the inner panel 14 and the inside surface of the compartment sidewall 33. In reference to FIG. 13, the barrier 32 perpendicularly connects with the attachment segment 1 and the compartment sidewall 33 from one end of the compartment recess 31. In reference to FIG. 14, the sidewall notch 34 is oppositely located from the barrier 32 and positioned on the compartment sidewall 33. The storage compartment 2 in the second embodiment allows the user to mainly store cards, such as credit cards, debit cards, store cards, and identification card, where the cards are inserted into the compartment recess 31. The barrier 32 stops the cards from falling out from the compartment recess 31, and the sidewall notch 34 provides an empty space on the compartment sidewall 33 so that the user easily pull out the stored cards. For example, the user can place one of his or her finger on the stored card

through the sidewall notch **34** and slide the stored cards out from the compartment recess **31** when the stored card is needed.

[0030] In reference to FIG. **15** and FIG. **16**, the third embodiment in the present invention comprises the attachment segment **1**, the at least one ornamental accessory **6**, the at least one printed graphic **7**, and the storage compartment **2**. The attachment segment **1** in the third embodiment, similar to the second embodiment, comprises a single attachment member. The single attachment member positions around the arm of the user and provides the necessary support for the storage compartment **2** so that the present invention stays around the user's arm. The single attachment member functions like the cuff bracelet but is not limited to the cuff bracelet and can be any other related attachment systems, such as a flexible attaching strap, a belt with an engaging mechanism, or a bangle. The at least one ornamental accessory **6** and the at least one printed graphic **7** in the third embodiment is connected to an outer panel **13** of the attachment segment **1** and can be positioned anywhere in the attachment segment **1**. In reference to FIG. **15**, the preferred embodiment of the third embodiment illustrates the at least one printed graphic **7** being positioned on the attachment segment **1**. Similar to the first and second embodiments, multiple numbers of ornamental accessories **6** and multiple numbers of printed graphics **7** can be connected or positioned on the attachment segment **1** in the third embodiment. The storage compartment **2** in the third embodiment is positioned with an inner panel **14** of the attachment segment **1** and located hidden within the attachment segment **1**.

[0031] The storage compartment **2** in the third embodiment comprises the compartment recess **31**, the barrier **32**, and the compartment sidewall **33**. In reference to FIG. **16** and FIG. **17**, the compartment sidewall **33** horizontally connects with the inner panel **14** of the attachment segment **1** where the compartment recess **31** is created in between the inner panel **14** and the inside surface of the compartment sidewall **33**. In reference to FIG. **13**, the barrier **32** perpendicularly connects with the attachment segment **1** and the compartment sidewall **33** from one end of the compartment recess **31**. The storage compartment **2** in the third embodiment allows the user to mainly store cards, such as credit cards, debit cards, store cards, and identification card, where the cards are inserted into the compartment recess **31**. The barrier **32** stops the cards from falling out from the compartment recess **31**, and the compartment recess **31** provides a big enough opening between the compartment sidewall **33** and the inner panel **14** so that the user can easily pull out the stored cards.

[0032] Although the invention has been explained in relation to its preferred embodiment, it is to be understood that many other possible modifications and variations can be made without departing from the spirit and scope of the invention as hereinafter claimed.

What is claimed is:

1. An apparatus of a cuff bracelet with a storage section comprises,

- an attachment segment;
- a storage compartment;
- a lid;
- a hinge;
- a locking mechanism;
- at least one ornamental accessory;
- at least one printed graphic;

the attachment section comprises a first attachment member and a second attachment member;

the storage compartment comprises a compartment cavity, a base, a first side panel, a second side panel, a connector panel, a locking panel, and a protrusion;

the first attachment member and the second attachment member being positioned below the storage compartment; and

the lid being positioned over the compartment cavity.

2. The apparatus of a cuff bracelet with a storage section as claimed in claim **1** comprises,

the first side panel and the second side panel being oppositely positioned from each other;

the first side panel and the second side panel being perpendicularly connected with the base;

the connector panel and the locking panel being oppositely positioned from each other;

the connector panel and the locking panel being perpendicularly connected with the first side panel and the second side panel;

the connector panel and the locking panel being perpendicularly connected with the base;

the protrusion being perpendicularly connected with the connector panel, the first side panel, and the second side panel; and

the compartment cavity being positioned in between the base, the first side panel, the second side panel, the connector panel, and the locking panel.

3. The apparatus of a cuff bracelet with a storage section as claimed in claim **1** comprises,

the first attachment being vertically positioned with the second attachment;

the first attachment being adjacently connected with the base; and

the second attachment being adjacently connected with the base.

4. The apparatus of a cuff bracelet with a storage section as claimed in claim **1** comprises,

the lid comprises a hinged end and a latched end;

the hinged end and the latched end being oppositely positioned from each other;

the hinged end being pivotally connected with the connector panel by the hinge, wherein the lid pivot in between a closed position and an opened position; and the latched end being engaged with the locking panel by the locking mechanism.

5. The apparatus of a cuff bracelet with a storage section as claimed in claim **1** comprises,

the at least one ornamental accessory being connected to the lid; and

the at least one printed graphic being positioned on the lid.

6. An apparatus of a cuff bracelet with a storage section comprises,

an attachment segment;

at least one ornamental accessory;

at least one printed graphic;

a storage compartment;

the attachment segment comprises an outer panel and an inner panel;

the storage compartment comprises a compartment recess, a barrier, a compartment sidewall, and a sidewall notch;

the storage compartment being adjacently positioned within the attachment segment; and

the at least one ornamental accessory and the at least one printed graphic being positioned on the attachment segment.

7. The apparatus of a cuff bracelet with a storage section as claimed in claim 6 comprises,

the outer panel and the inner panel being adjacently positioned along the attachment segment; and
the inner panel being positioned below the outer panel.

8. The apparatus of a cuff bracelet with a storage section as claimed in claim 6 comprises,

the compartment sidewall being positioned below the inner panel;

the compartment sidewall being concavely connected to the inner panel;

the compartment recess being positioned in between the inner panel and the compartment sidewall;

the barrier being positioned within the compartment recess;

the barrier being perpendicularly connected to the attachment segment and the compartment sidewall; and

the sidewall notch being oppositely positioned from the barrier and positioned on the compartment sidewall.

9. The apparatus of a cuff bracelet with a storage section as claimed in claim 6 comprises,

the at least one ornamental accessory being connected to the outer panel; and

the at least one printed graphic being positioned on the outer panel.

10. An apparatus of a cuff bracelet with a storage section comprises,

an attachment segment;

at least one ornamental accessory;

at least one printed graphic;

a storage compartment;

the attachment segment comprises an outer panel and an inner panel;

the storage compartment comprises a compartment recess, a barrier, and a compartment sidewall;

the storage compartment being adjacently positioned within the attachment segment; and

the at least one ornamental accessory and the at least one printed graphic being positioned on the attachment segment.

11. The apparatus of a cuff bracelet with a storage section as claimed in claim 10 comprises,

the outer panel and the inner panel being adjacently positioned along the attachment segment; and

the inner panel being positioned below the outer panel.

12. The apparatus of a cuff bracelet with a storage section as claimed in claim 10 comprises,

the compartment sidewall being positioned below the inner panel;

the compartment sidewall being adjacently connected to the inner panel, wherein the compartment sidewall is positioned parallel with a horizontal plane of the attachment segment;

the compartment recess being positioned in between the inner panel and the compartment sidewall;

the barrier being positioned within the compartment recess;

the barrier being perpendicularly connected to the attachment segment and the compartment sidewall.

13. The apparatus of a cuff bracelet with a storage section as claimed in claim 10 comprises,

the at least one ornamental accessory being connected to the outer panel; and

the at least one printed graphic being positioned on the outer panel.

* * * * *