



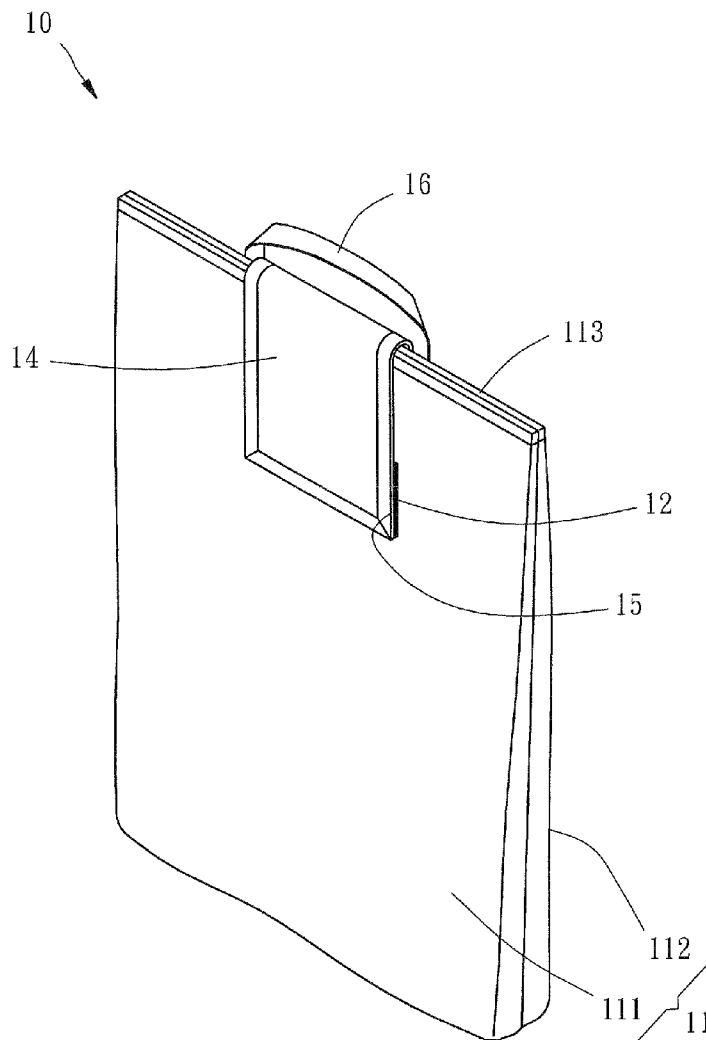
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CHANG(10) **Pub. No.: US 2009/0148076 A1**(43) **Pub. Date: Jun. 11, 2009**(54) **COLLAPSIBLE BAG****Publication Classification**(75) Inventor: **Teng-Yao CHANG**, Wufong
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WASHINGTON, DC 20001-5303 (US)(57) **ABSTRACT**

A collapsible bag includes a main body, a flexible cover member, and a hand strap. The main body includes an opening, a first sidewall located at one side thereof a second sidewall located at another side oppose side to the first sidewall, and a first female adhesive member mounted to an external side of the first sidewall. The cover member has a male adhesive member mounted to one side thereof for adhesive connection with the first female adhesive member while the cover member is turned to the first sidewall to seal the opening of the main body. The hand strap is fixed to the main body. The main body further has a second female adhesive member mounted to an external side of the second sidewall thereof for connection with the male adhesive member while the main body is folded to fasten the folded main body.

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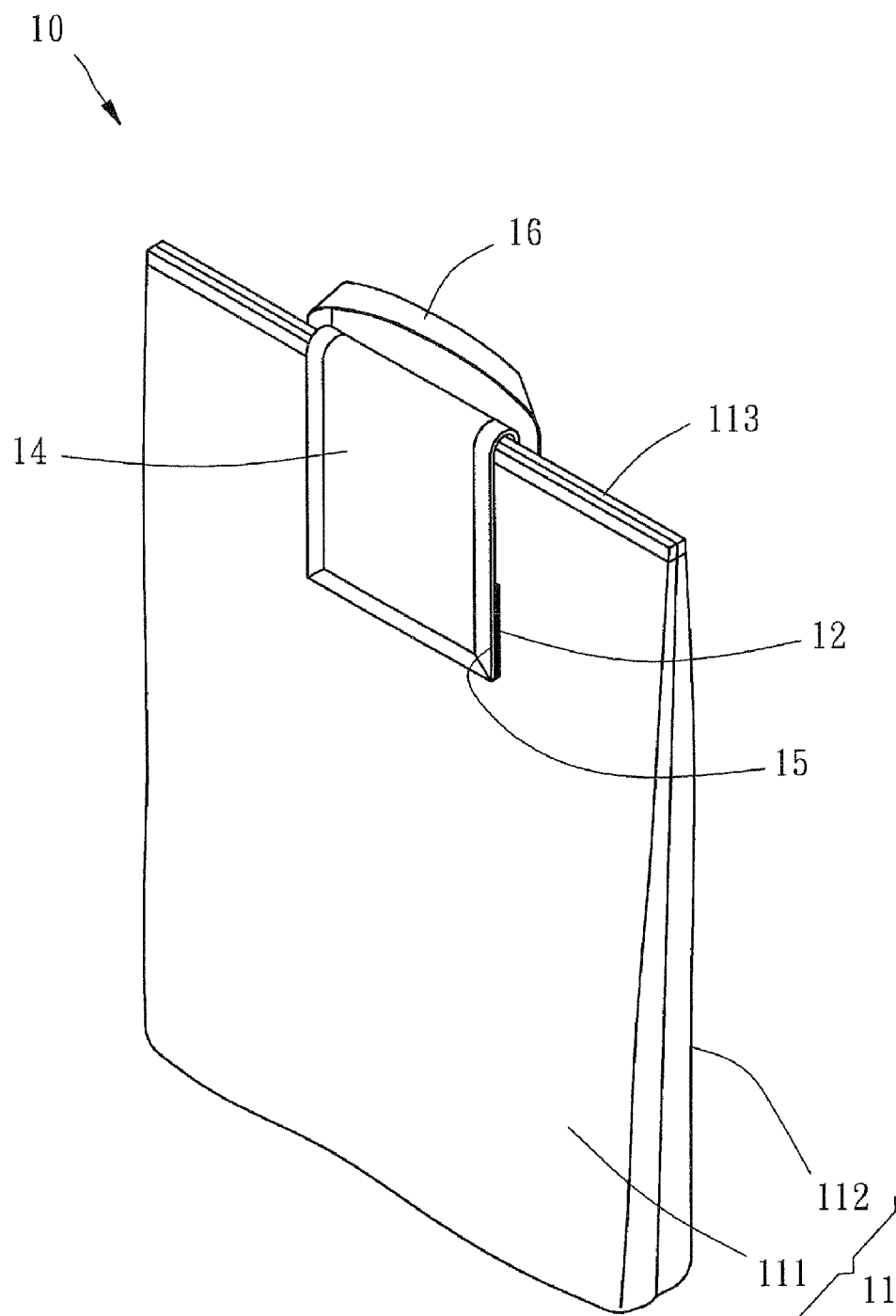


FIG. 1

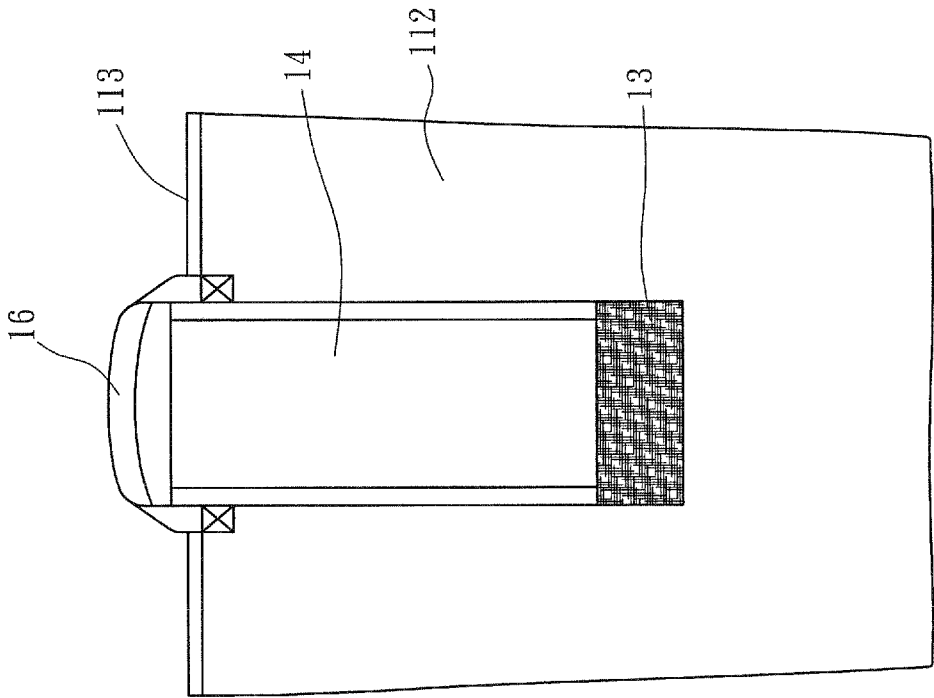


FIG. 2

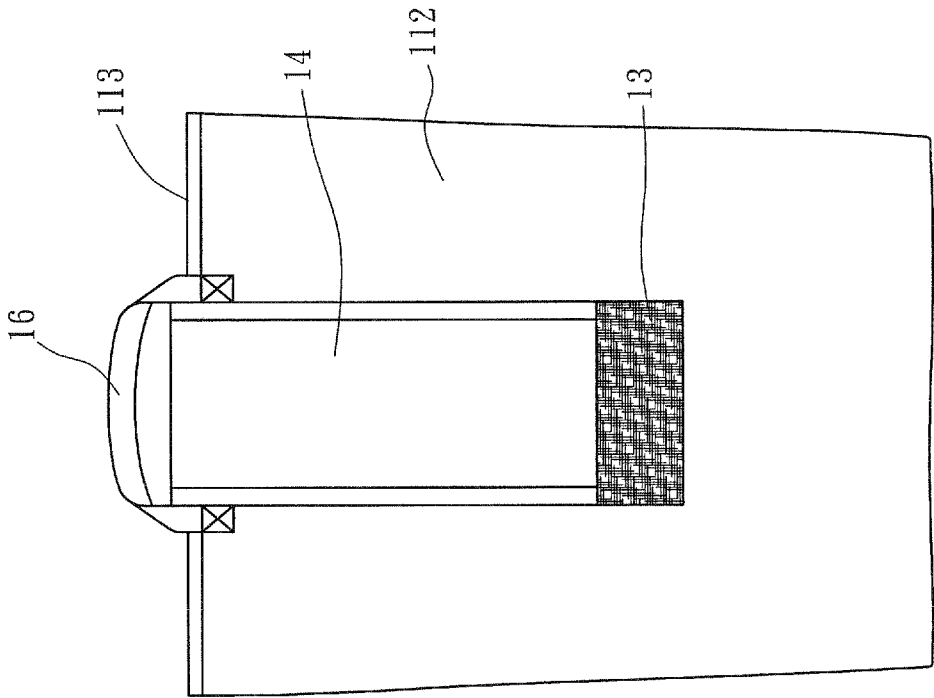


FIG. 3

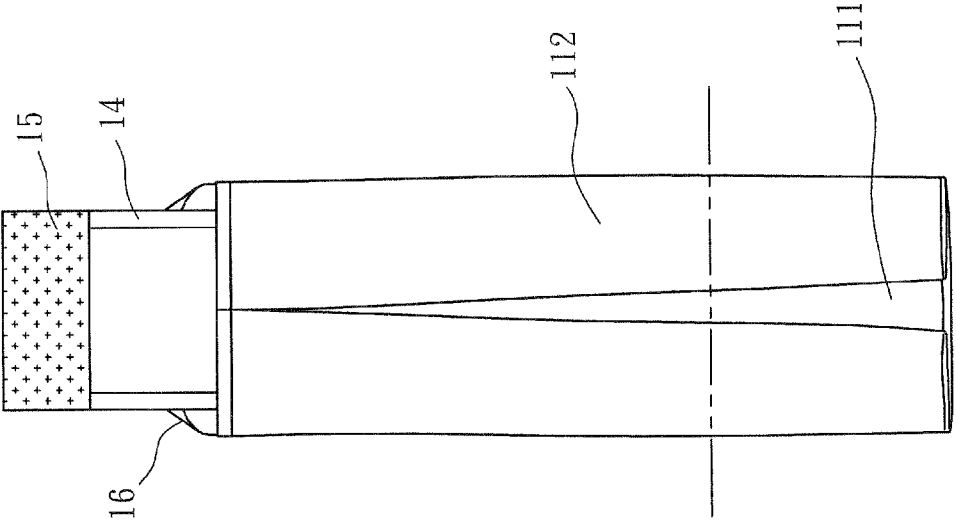


FIG. 5

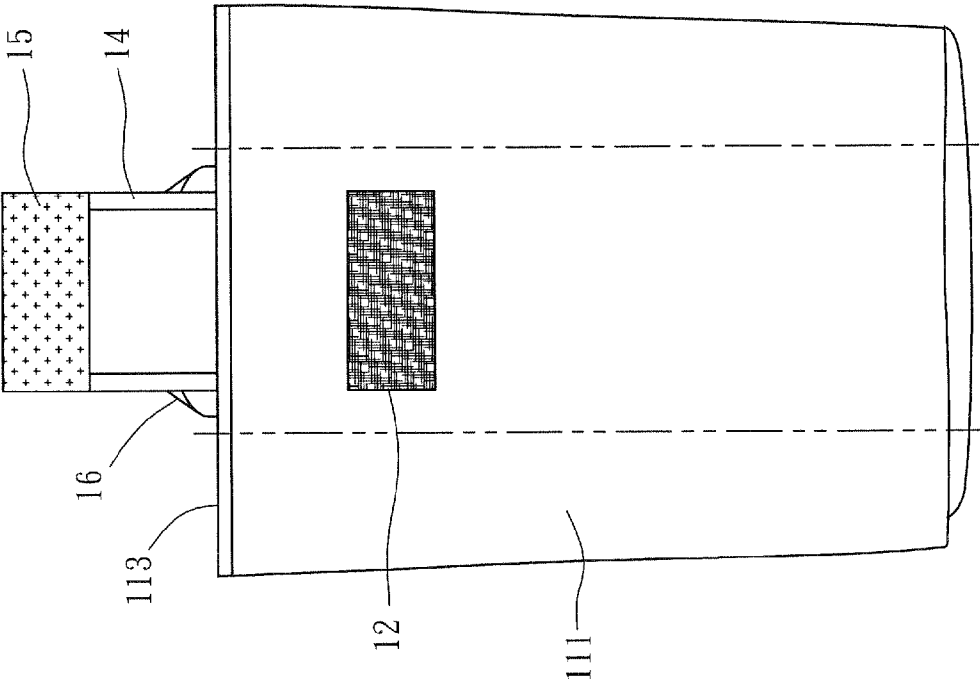


FIG. 4

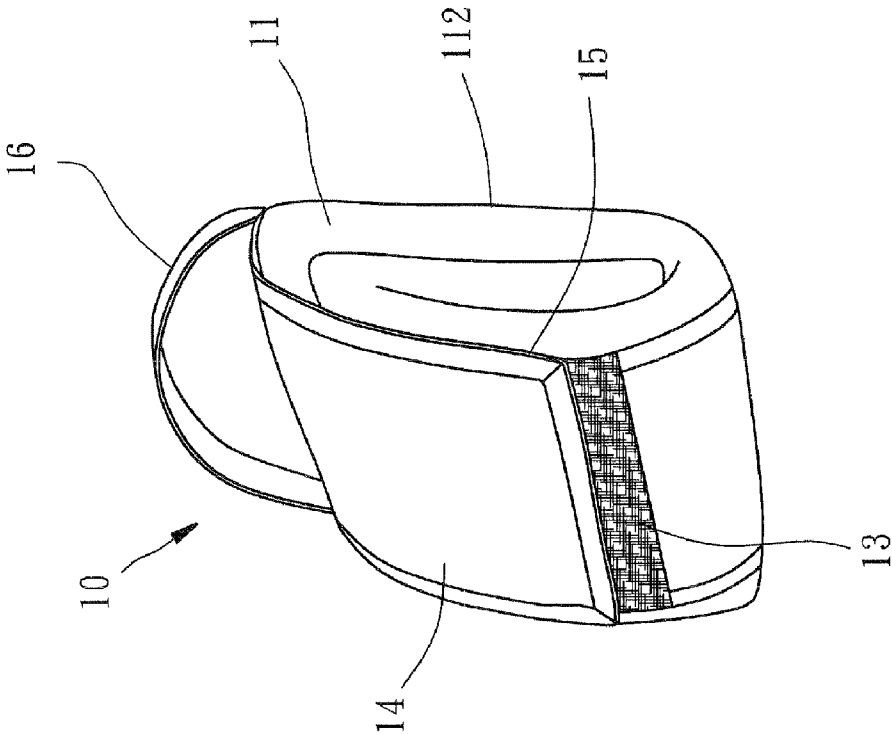


FIG. 7

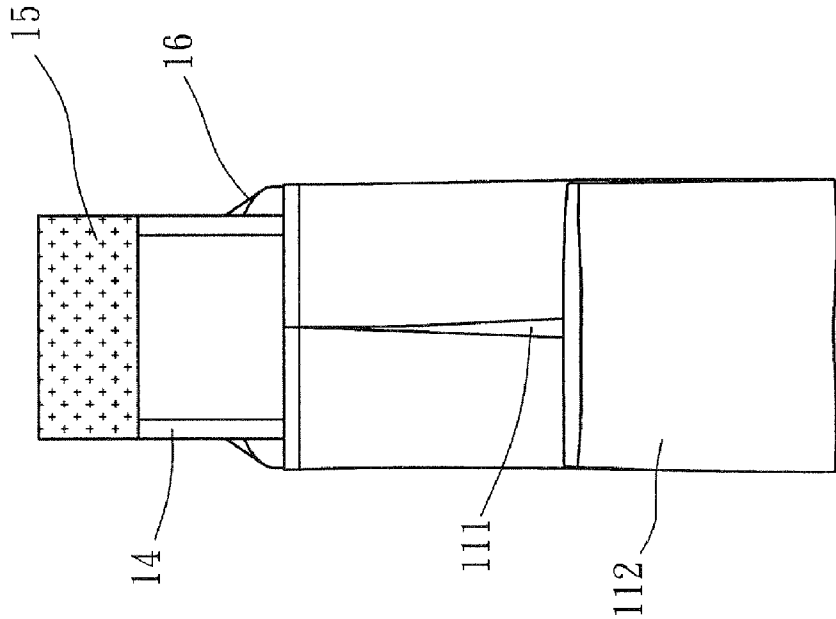


FIG. 6

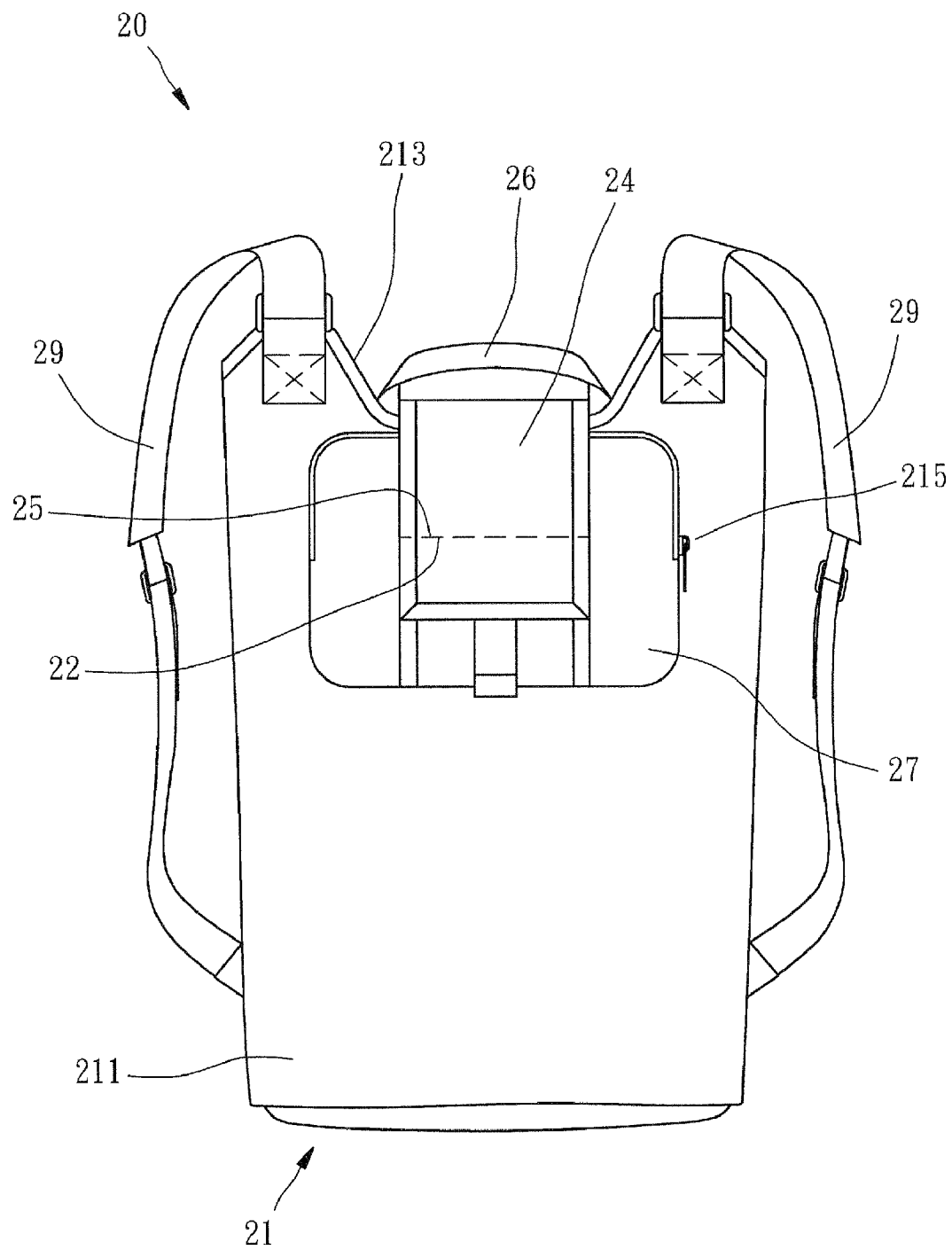


FIG. 8

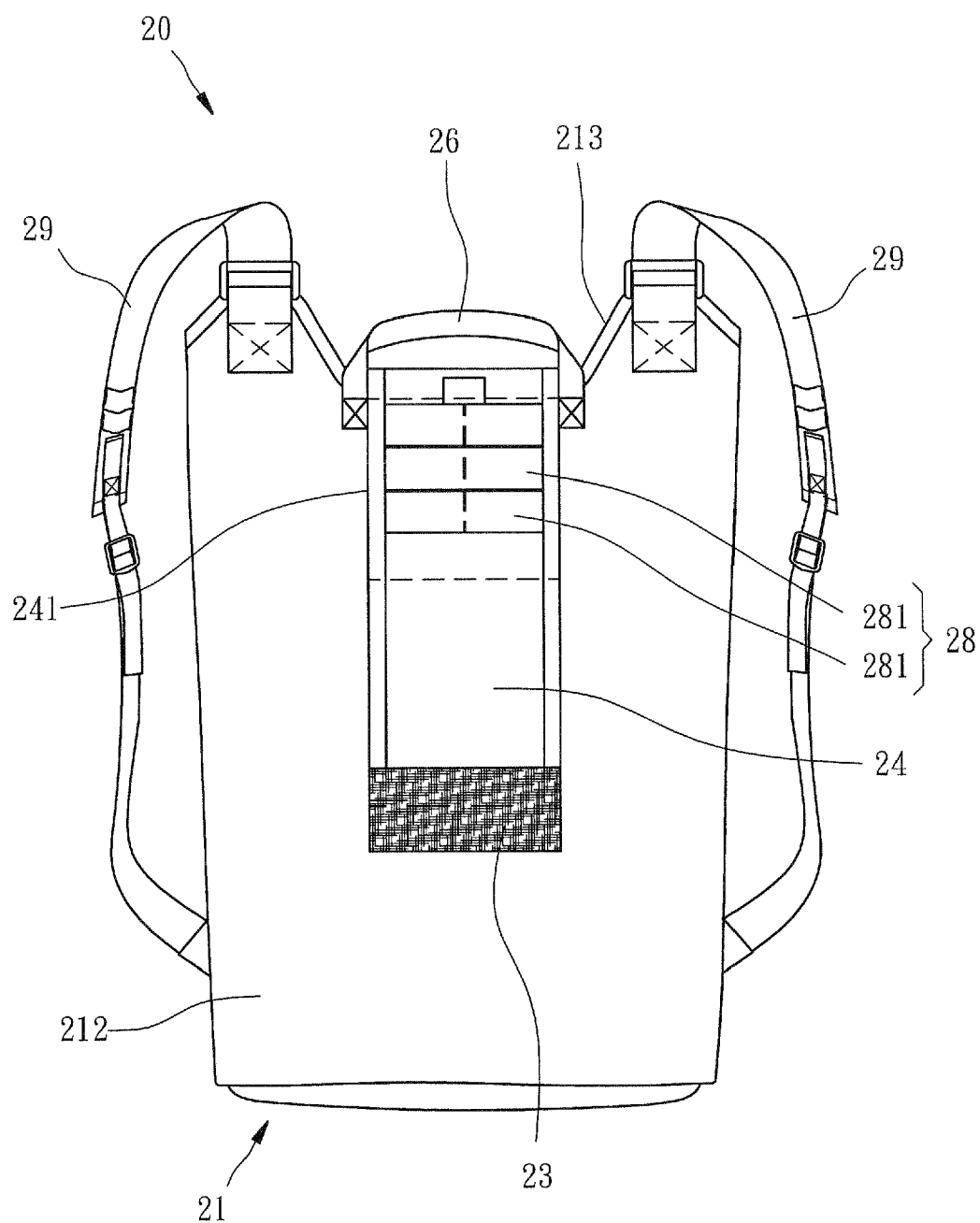


FIG. 9

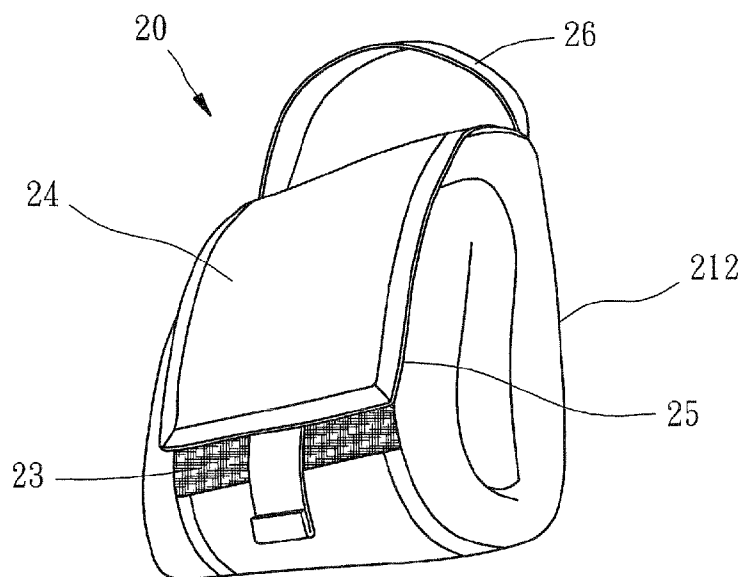


FIG. 10

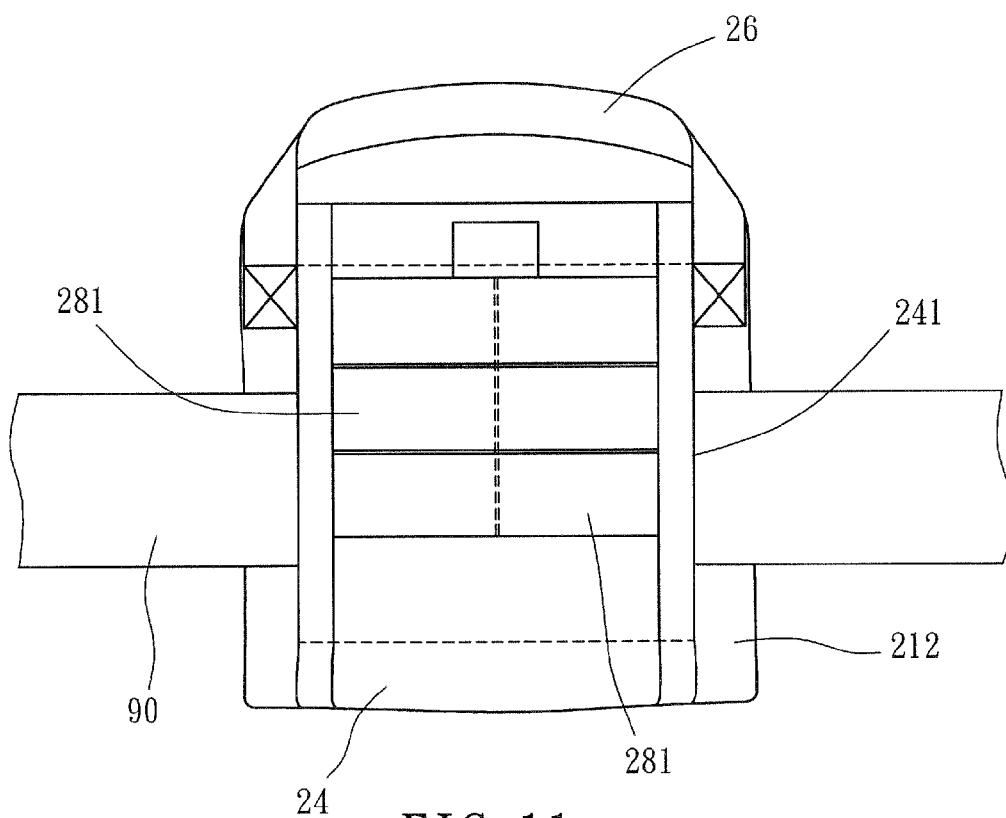


FIG. 11

COLLAPSIBLE BAG

BACKGROUND OF THE INVENTION

[0001] 1. Field of the Invention

[0002] The present invention relates generally to bags, and more particularly, to a collapsible bag.

[0003] 2. Description of the Related Art

[0004] A common bag is hollow inside for containing things, generally having a cover piece fixedly mounted to one side of the bag for preventing the things located in the bag from slipping away from the bag. The cover piece can be turned to the other side of the bag to run across the opening of the bag and to be combined to the other side of the bag, thus sealing the opening. Generally speaking, while a user intends to carry the bag outdoor, the user can fold the bag to reduce its size for easy portability. However, if the folded bag is not well fastened, the bag may be unfolded at any time, so it will fail to indeed reduce the size of the bag.

SUMMARY OF THE INVENTION

[0005] The primary objective of the present invention is to provide a collapsible bag, which can be well fastened after folded.

[0006] The foregoing objective of the present invention is attained by the collapsible bag composed of a main body, a flexible cover member, and a hand strap. The main body includes an opening, a first sidewall located at one side thereof, a second sidewall located at another side opposite side to the first sidewall, and a first female adhesive member mounted to a predetermined position of an external side of the first sidewall. The cover member includes a male adhesive member mounted to one side thereof for adhesive connection with the first female adhesive member while the cover member is turned to the first sidewall to seal the opening of the main body. The hand strap is fixed to the main body. The main body further includes a second female adhesive member mounted to a predetermined position of an external side of the second sidewall thereof for connection with the male adhesive member while the main body is folded by a predetermined way to fasten the folded main body.

BRIEF DESCRIPTION OF THE DRAWINGS

[0007] FIG. 1 is a perspective view of a first preferred embodiment of the present invention.

[0008] FIG. 2 is a front view of the first preferred embodiment of the present invention.

[0009] FIG. 3 is a rear view of the first preferred embodiment of the present invention.

[0010] FIG. 4 is a schematic view of the first preferred embodiment of the present invention, illustrating that the bag is being folded.

[0011] FIG. 5 is another schematic view of the first preferred embodiment of the present invention, illustrating that the bag is being folded.

[0012] FIG. 6 is another schematic view of the first preferred embodiment of the present invention, illustrating that the bag is being folded.

[0013] FIG. 7 is a perspective view of the first preferred embodiment of the present invention after folded.

[0014] FIG. 8 is a front view of a second preferred embodiment of the present invention.

[0015] FIG. 9 is a rear view of the second preferred embodiment of the present invention.

[0016] FIG. 10 is a perspective view of the second preferred embodiment of the present invention after folded.

[0017] FIG. 11 is an enlarged view of a part of the second preferred embodiment of the present invention after folded.

DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS

[0018] Referring to FIGS. 1-7, a collapsible bag 10 constructed according to a first preferred embodiment of the present invention is composed of a main body 11, a first female adhesive member 12, a second female adhesive member 13, a cover member 14, a male adhesive member 15, and a hand strap 16.

[0019] Referring to FIGS. 1-3, the main body 11 includes a first sidewall 111 located at one side thereof, and a second sidewall 112 located at another side opposite to the first sidewall 111. The first and second sidewalls 111 and 112 are made of easily bendable material, like cloth. Two opposite lateral edges and a bottom edge of the first sidewall 111 are fixedly connected with those of the second sidewall 112 respectively, so that a receiving space is formed between the first and second sidewalls 111 and 112 for receiving things. In addition, an opening 113 is formed between respective top edges of the first and second sidewalls 111 and 112 for communication between outside and the receiving space.

[0020] The first female adhesive member 12 is mounted to a predetermined position of an external side of the first sidewall 111 of the main body 11.

[0021] The second female adhesive member 13 is mounted to a predetermined position of an external side of the second sidewall 112 of the main body 11.

[0022] The cover member 14 is an elongated flexible band and is made of easily bendable material, like cloth. The cover member 14 has two ends, one of which is fixedly connected with the external side of the second sidewall 112 of the main body 11 and the other end thereof can be turned across the opening 113 to touch the external side of the second sidewall 112.

[0023] The male adhesive member 15 is mounted to a free end of the first sidewall 111 and can be adhesively connected with the first female adhesive member 12, while the cover member 14 is turned to the external side of the first sidewall 111, so that the cover member 14 can seal the opening 113 of the main body 11.

[0024] The hand strap 16 at two ends thereof is fixedly mounted to a top edge of the external side of the second sidewall 112 of the main body 11 for a user's holding.

[0025] While the user intends to fold the collapsible bag 10 of the present invention to reduce the size for portability, the user can first split the male adhesive member 15 from the first female adhesive member 12, as shown in FIG. 4, and then bend the two lateral edges of the main body 11 toward a center of the first sidewall 111, so that the two lateral edges of the main body 11 are nearly butted each other, as shown in FIG. 5. Next, turn the bottom edge of the main body 11 toward the top edge along the first sidewall 111 for a one-third distance between the top and bottom edges of the main body 11, as shown in FIG. 6, and then again turn it toward the top edge of the main body 11 on a bottom edge of the folded part of the main body 11 to enable the second female adhesive member 13 to be located right corresponding to the male adhesive member 15. Finally, adhere the male adhesive member 15 to the second female adhesive member 13, as shown in FIG. 7, to allow the folded bag 100 to be well fastened in such a way

that the male and second adhesive members **15** and **13** are adhesively connected with each other.

[0026] Referring to FIGS. **8-11**, a collapsible bag **20** constructed according to a second preferred embodiment of the present invention is composed of a main body **21**, a first female adhesive member **22**, a second female adhesive member **23**, a cover member **24**, a male adhesive member **25**, a hand strap **26**, a subsidiary bag **27**, a hanging device **28**, and two back straps **29**.

[0027] The subsidiary bag **27** includes one side connected with a predetermined position of the external side of the first sidewall **211** of the main body **21**, an opening formed at a top end thereof, and a zipper **215** mounted at the opening for sealing or unsealing the opening.

[0028] The first female adhesive member **22** is mounted to the external side of the subsidiary bag **27**.

[0029] The second female adhesive member **23** is mounted to a predetermined position of the second sidewall **212** of the main body **21**.

[0030] The cover member **24** includes two ends, one of which is fixedly connected with the external side of the second sidewall **212** of the main body **21** and the other end can be turned across the opening of the main body **21** to touch the external side of the second sidewall **212**. What the cover member **24** is located on the second sidewall **212** is stitched to the second sidewall **212**, so that a transversal strap hole **241** is formed between the cover member **24** and the second sidewall **212**. An elongated strap **90** can run through the strap hole **241**, as shown in FIG. **11**, to fasten the bag **20** to the user.

[0031] The hanging device **28** is mounted to an external side of the cover member **24**, as shown in FIG. **9**. The hanging device **28** includes a plurality of strap-shaped members **281** transversally stitched to an external side of the cover member **24**, and a plurality of strap holes, each of which is formed between the cover member **24** and the strap-shaped member **281** for hanging or holding things.

[0032] The male adhesive member **25** is mounted to one side of a free end of the cover member **24** and can be connected with the first female adhesive member **22**, while the cover member **24** is turned to the external side of the first sidewall **211** of the main body **21**, such that the cover member **24** can seal the opening **213** of the main body **21**.

[0033] The hand strap **26** includes two ends fixed to a top edge of the external side of the second sidewall **212** of the main body **21** for the user's holding.

[0034] Each of the two back straps **29**, as shown in FIG. **9**, includes two ends connected with a top edge and a bottom edge of one of two opposite sides of the main body **21** respectively for enabling the user to carry the bag **20** on the back.

[0035] Because how the bag **20** of the second embodiment is folded for portability is the same as the bag **10** of the first embodiment, no more recitation of the bag **20** is necessary. In the second embodiment, the bag **20** can be not only well fastened after folded to reduce the portable size thereof and to maintain the shape thereof but also function as hanging and

holding things via the hanging device, increasing the space for containing things via the subsidiary bag, and providing a back-carrying manner in addition to the hand-carrying one.

[0036] Although the present invention has been described with respect to specific preferred embodiments thereof, it is no way limited to the details of the illustrated structures but changes and modifications may be made within the scope of the appended claims.

What is claimed is:

1. A collapsible bag comprising:

a main body having an opening, a first sidewall located at a side thereof, a second sidewall located at another side opposite to said first sidewall, and a first female adhesive member mounted to an external side of said first sidewall;

a flexible cover member having two ends, one of which is fixed to said second sidewall and the other can be turned to said first sidewall, said cover member having a male adhesive member mounted to a side thereof for adhesive connection with said first female adhesive member while said cover member is turned to said first sidewall, whereby said cover member can seal the opening of said main body; and

a hand strap fixed to said main body;

wherein said main body further comprises a second female adhesive member mounted to an external side of said second sidewall for adhesive connection with said male adhesive member after said main body is folded.

2. The collapsible bag as defined in claim 1, wherein said first and second sidewalls are connected with each other by opposite lateral and bottom edges thereof to form a receiving space between said first and second sidewalls; said opening of said main body is formed between top edges of said first and second sidewalls for communication between outside and said receiving space.

3. The collapsible bag as defined in claim 1 further comprising a subsidiary bag, wherein said subsidiary bag is connected with the external side of said first sidewall of said main body and comprises an opening formed at a top end thereof.

4. The collapsible bag as defined in claim 3, wherein said subsidiary bag further comprises a zipper mounted at the opening thereof for sealing or unsealing the opening thereof.

5. The collapsible bag as defined in claim 1 further comprising a strap hole formed between said cover member and said second sidewall of said main body.

6. The collapsible bag as defined in claim 1 further comprising a hanging device, wherein said hanging device includes a plurality of strap-shaped members connected with an external side of said cover member, and a plurality of strap holes formed between said strap-shaped members and said cover member respectively.

7. The collapsible bag as defined in claim 1 further comprising at least one back strap having two ends connected with top and bottom edges of said main body respectively.

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