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Huang(10) **Pub. No.: US 2021/0009315 A1**(43) **Pub. Date: Jan. 14, 2021**(54) **WATER BOTTLE HAVING STRAP**(71) Applicant: **Lihua Huang**, Shenzhen (CN)(72) Inventor: **Lihua Huang**, Shenzhen (CN)(21) Appl. No.: **17/034,007**(22) Filed: **Sep. 28, 2020**(30) **Foreign Application Priority Data**

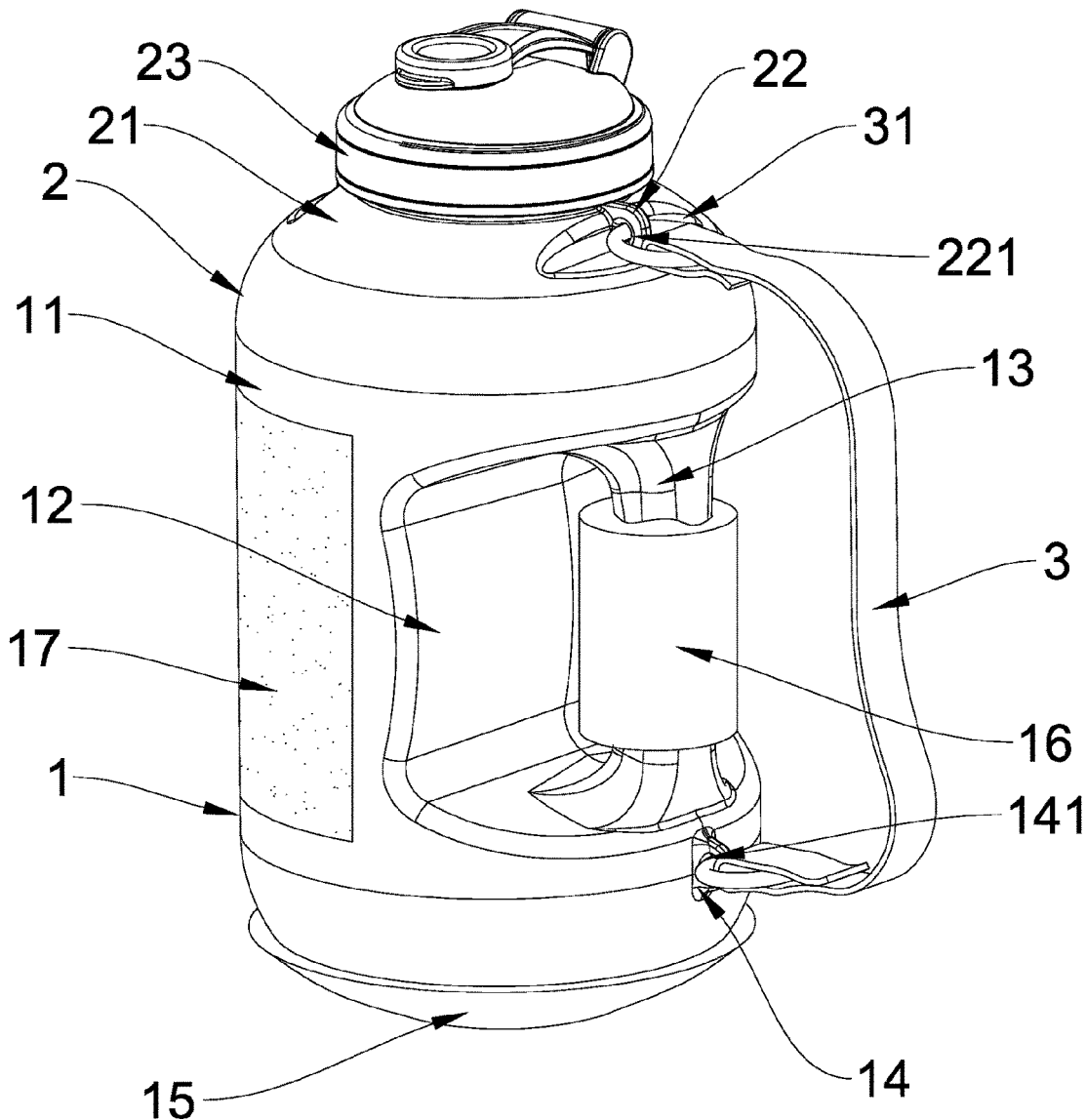
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(57)

ABSTRACT

A water bottle includes a spout including an externally threaded neck, two opposite first lugs at two sides of the externally threaded neck respectively, each first lug including a first hole, and an internally threaded cap secured to the externally threaded neck; a container including a body, two opposite second lugs at two sides of the body respectively, each second lug including a second hole, a hollow handle having two ends communicating with contents in the body, and a channel disposed between the handle and an intermediate portion of the body; and a strap including two rings at two ends respectively. The rings are hung on the first hole and the second hole of the same side of the body respectively or hung on the first holes respectively.



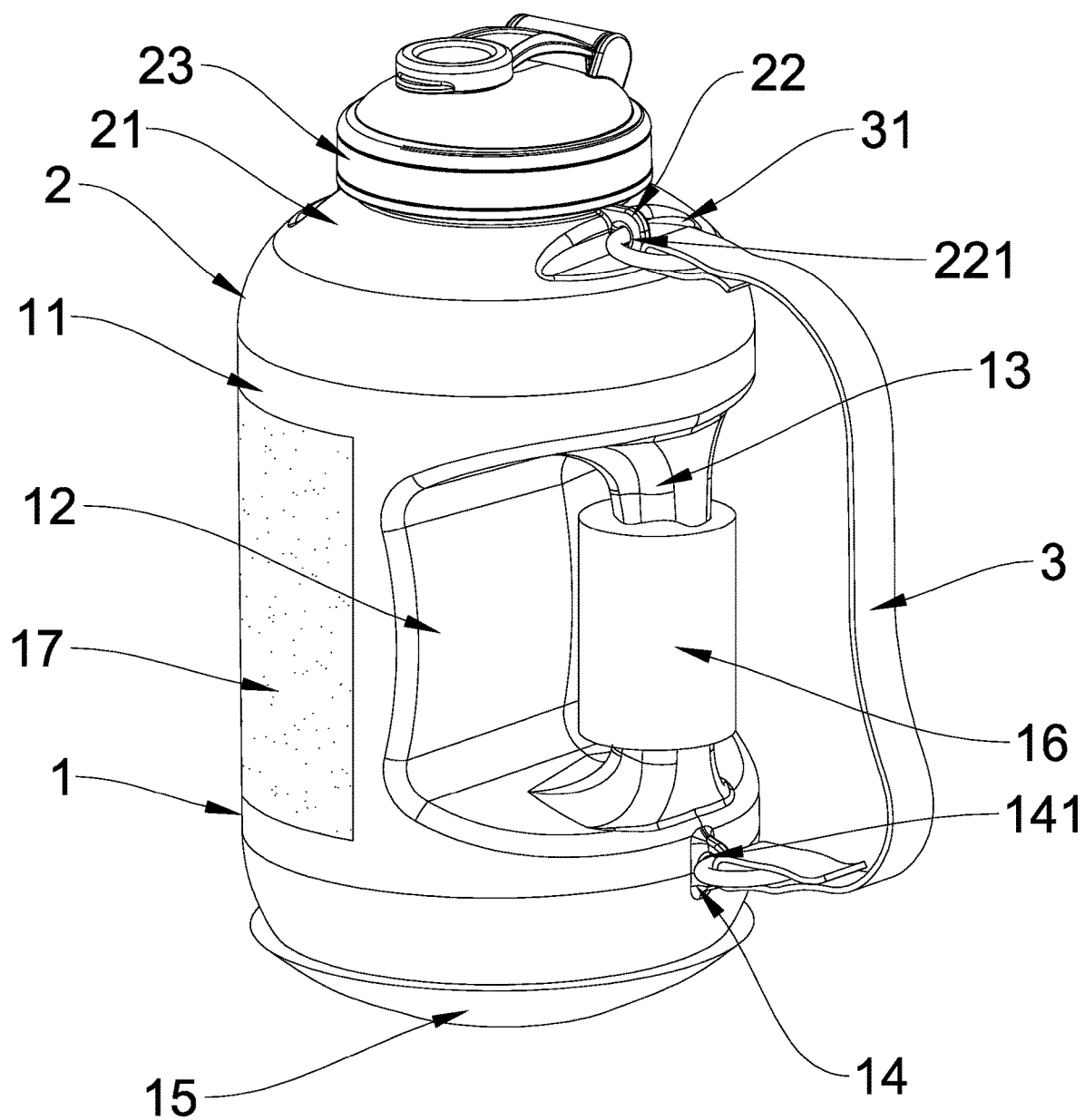


FIG.1

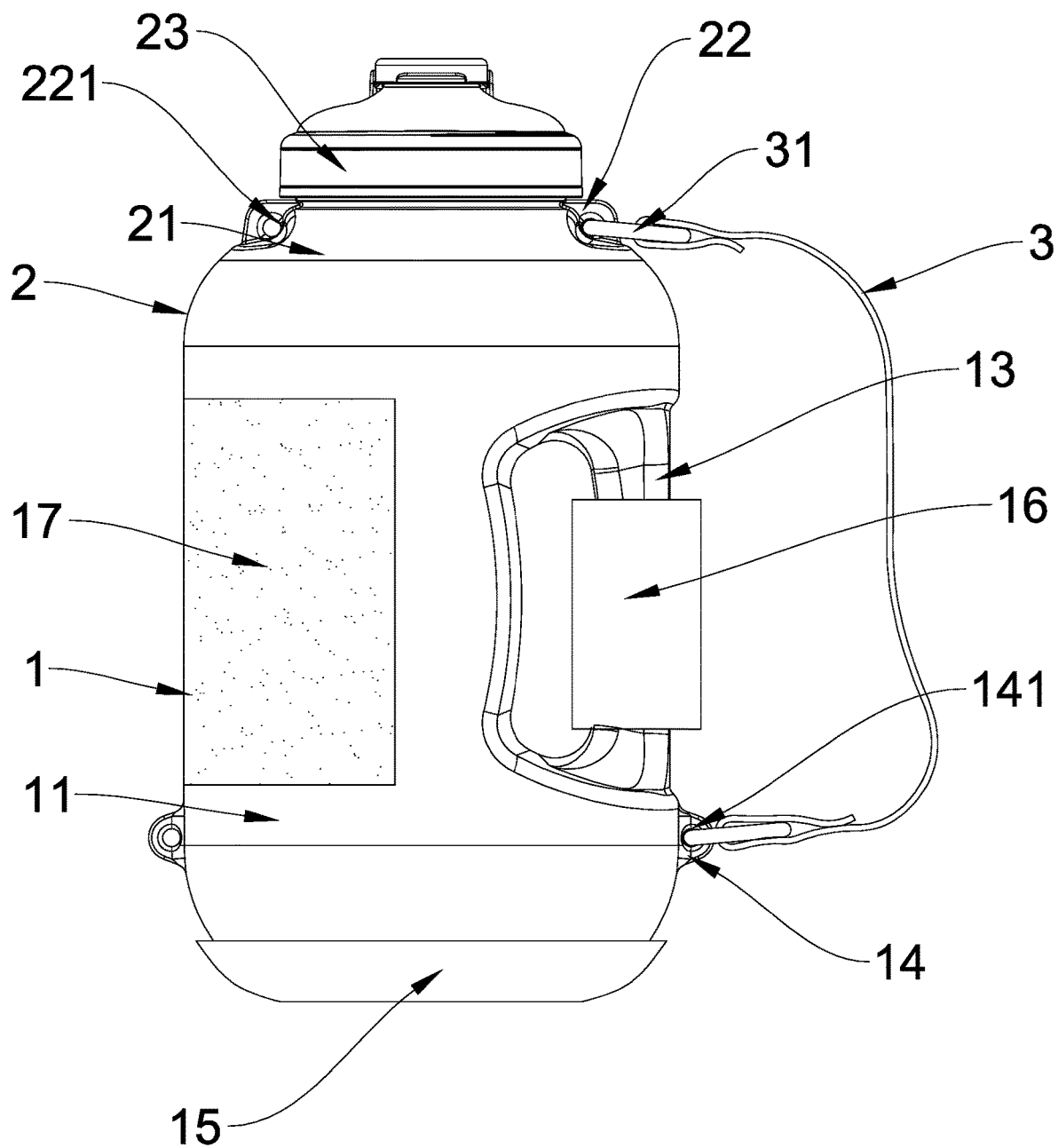


FIG.2

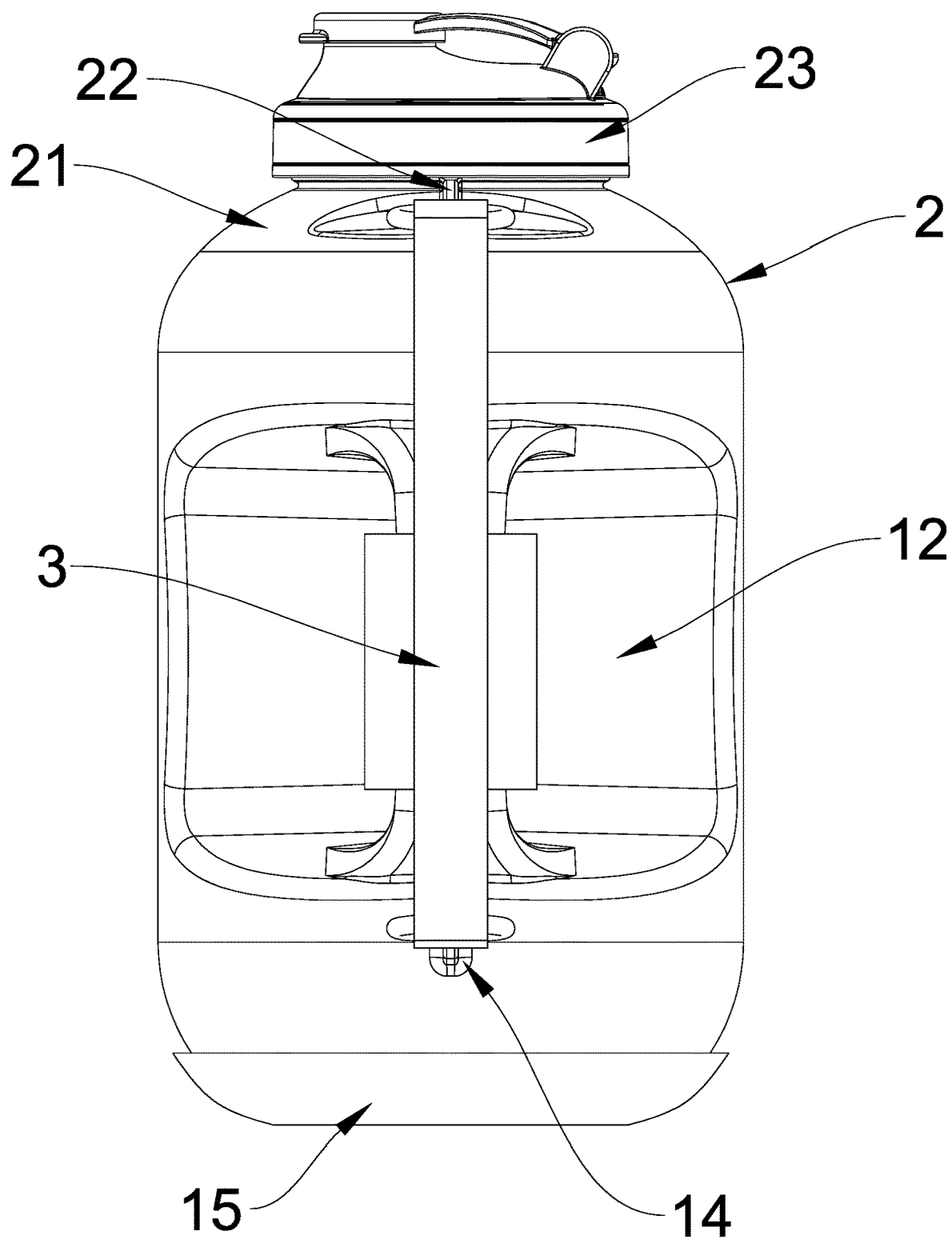


FIG.3

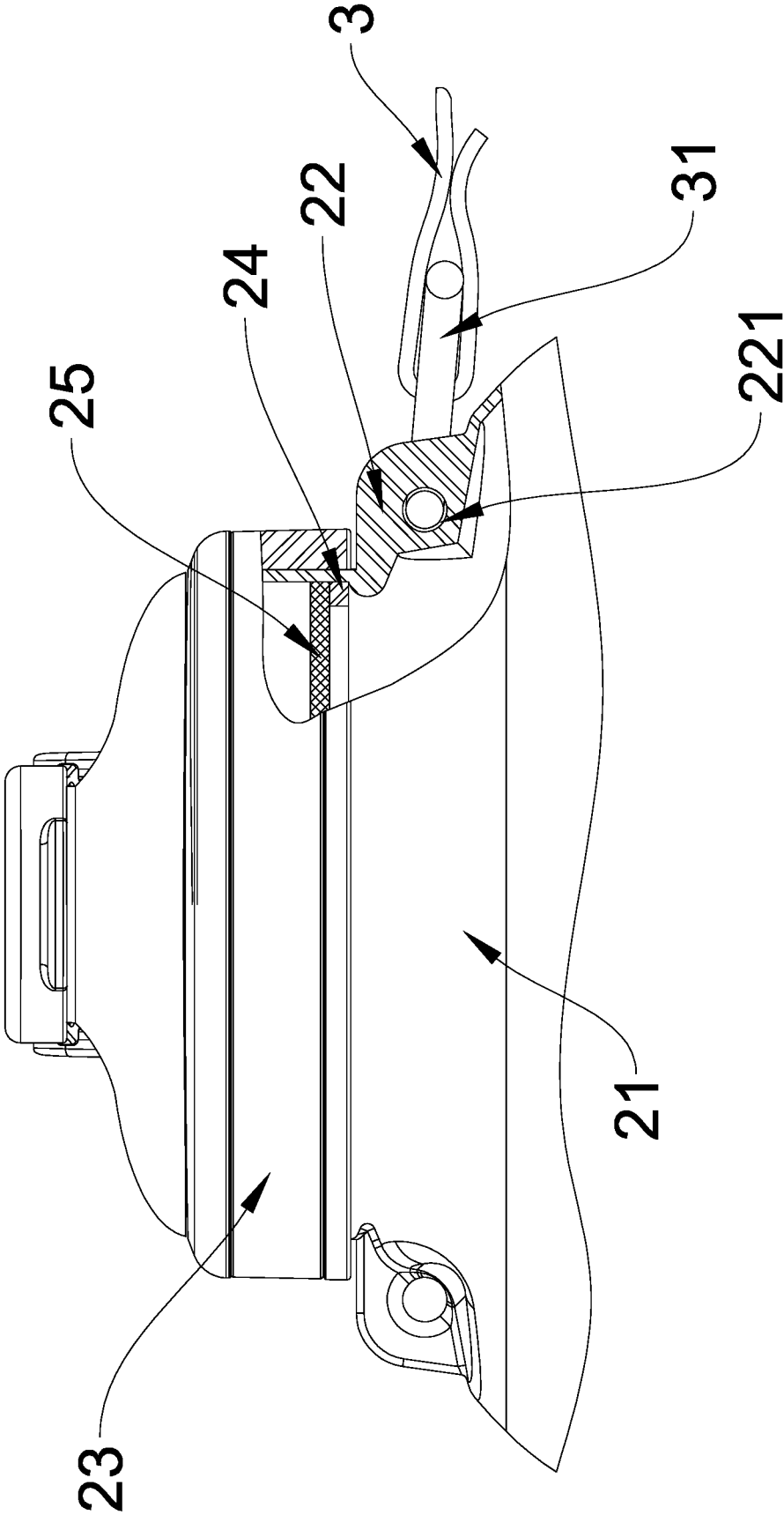


FIG.4

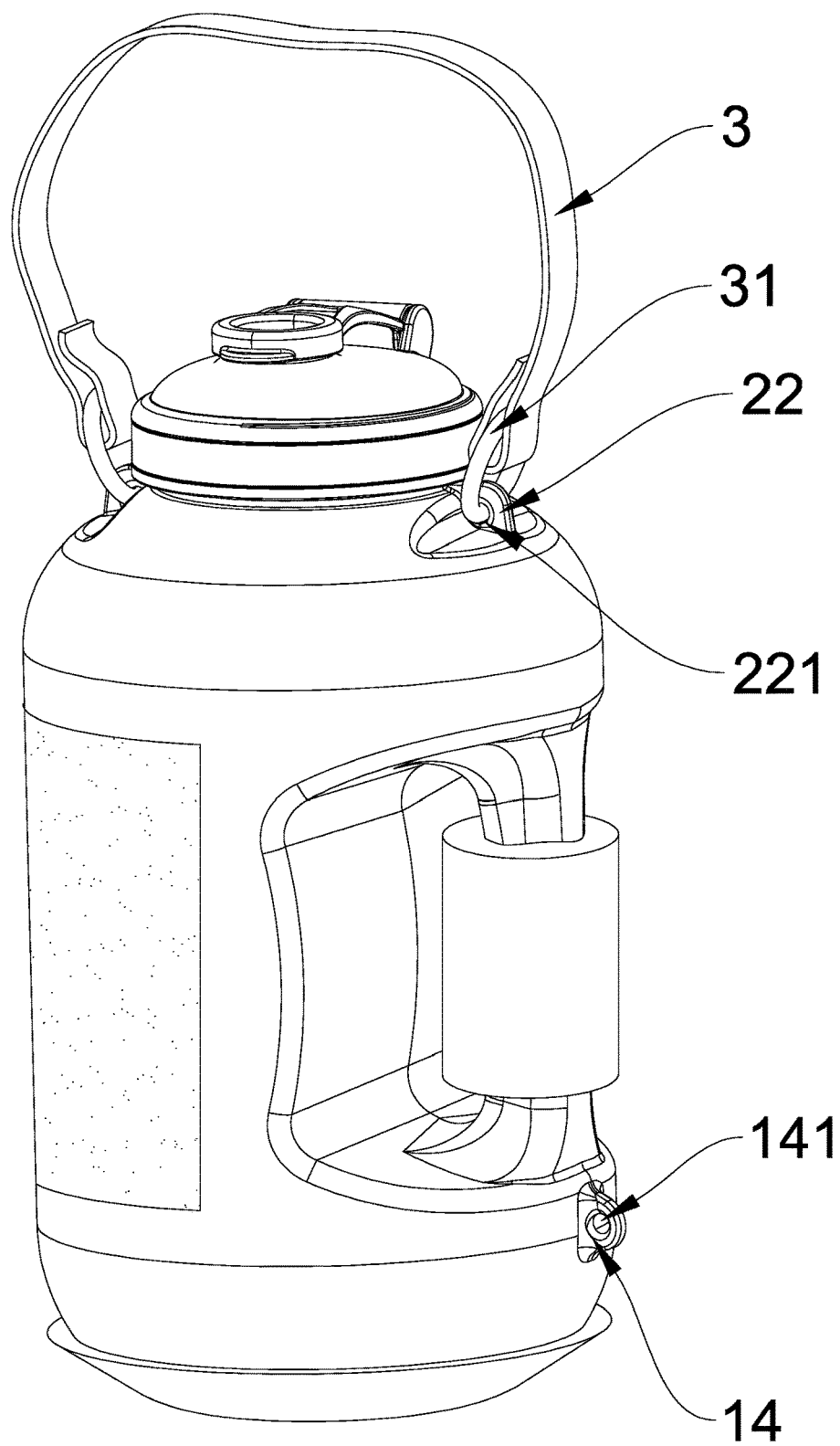


FIG.5

WATER BOTTLE HAVING STRAP

BACKGROUND OF THE INVENTION

1. Field of the Invention

[0001] The invention relates to containers and more particularly to a bottle (e.g., water bottle) including a plurality of lugs having a hole in which two end rings of a strap are hung on two of the holes respectively.

2. Description of Related Art

[0002] Conventionally, there are many different types of bottle strap or bands for hanging or suspending bottles (e.g., water bottles) or the like. However, the conventional devices are relatively complicated in construction and are difficult of securing to a neck of the bottle.

[0003] Thus, the need for improvement still exists.

SUMMARY OF THE INVENTION

[0004] The invention has been made in an effort to solve the problems of the conventional art including being relatively complicated in construction and difficult of securing to a neck of the bottle by providing a water bottle having novel and nonobvious characteristics.

[0005] To achieve above and other objects of the invention, the invention provides a water bottle comprising a spout including a neck having at least one first lug formed integrally with the neck wherein the first lug includes a first hole.

[0006] Preferably, further comprises a container including a body having at least one second lug formed integrally with the body wherein the second lug includes a second hole.

[0007] Preferably, the spout is provided on the container, further comprising a strap hung on the container and the spout respectively, and a cap releasably secured to the neck, and wherein two ends of the strap are hung on the first lug and the second lug respectively.

[0008] Preferably, the strap includes two rings at two ends respectively, the rings being hung on the first lug and the second lug respectively.

[0009] Preferably, the body includes a hollow handle having two ends communicating with contents in the body, and a channel disposed between the handle and the body.

[0010] Preferably, the container further comprises a cylindrical padded member disposed on the handle for increasing a degree of comfort to the hand holding the handle.

[0011] Preferably, further comprises an anti-skid bowl-shaped member secured to a bottom of the body, and wherein the anti-skid bowl-shaped member is made of rubber or plastics.

[0012] Preferably, further comprises a reflective sticker adhered to the body.

[0013] Preferably, the neck is externally threaded and the cap is internally threaded and threadedly secured to the externally threaded neck.

[0014] Preferably, the spout further comprises a support ring disposed in the neck and a replaceable filter disposed on the support ring.

[0015] The invention has the following advantageous effects in comparison with the prior art: in movement, the individual may wear the strap on the body draping from one

shoulder to the waist or carry the strap by the hand. In storage, the individual may hang the strap on a hook of a wall.

[0016] The above and other objects, features and advantages of the invention will become apparent from the following detailed description taken with the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

[0017] FIG. 1 is a perspective view of a water bottle according to a first preferred embodiment of the invention;

[0018] FIG. 2 is a front view of the water bottle;

[0019] FIG. 3 is a side elevation of the water bottle;

[0020] FIG. 4 is an enlarged view of an upper portion, in part section of the water bottle of FIG. 2; and

[0021] FIG. 5 is a perspective view of a water bottle according to a second preferred embodiment of the invention showing another arrangement of the straps.

DETAILED DESCRIPTION OF THE INVENTION

[0022] Referring to FIGS. 1 to 4, a water bottle in accordance with a first preferred embodiment of the invention comprises a spout 2 including an externally threaded neck 21, two opposite first lugs 22 at two sides of the externally threaded neck 21 respectively, each first lug 22 including a first hole 221, and an internally threaded cap 23 threadedly secured to the externally threaded neck 21; a container 1 including a body 11, two opposite second lugs 14 at two sides of the body 11 respectively, each second lug 14 including a second hole 141, a hollow handle 13 having two ends communicating with water in the body 11, and a channel 12 disposed between the handle 13 and an intermediate portion of the body 11; and a strap 3 including two rings 31 at two ends respectively, the rings 31 being hung on the first hole 221 and the second hole 141 of the same side of the body 11 respectively.

[0023] In use, an individual may remove the cap 23 and put the bottle upside down to pour water out of the body 11. In movement, the individual may wear the strap 3 on the body draping from one shoulder to the waist or carry the strap 3 by the hand. In storage, the individual may hang the strap 3 on a hook of a wall.

[0024] The spout 2 further comprises a support ring 24 in the neck 21 and a replaceable filter 25 on the support ring 24 for water purification purpose.

[0025] The container 1 further comprises a cylindrical padded member 16 on the handle 13 for increasing a degree of comfort to the hand holding the handle 13, an anti-skid bowl-shaped member 15 made of rubber or plastics and secured to a bottom of the body 11, and a reflective sticker 17 adhered to the intermediate portion of the body 11 for safety purposes.

[0026] Referring to FIG. 5, a water bottle in accordance with a second preferred embodiment of the invention is shown. The characteristics of the second preferred embodiment are substantially the same as that of the first preferred embodiment except the following: the rings 31 are hung on the first holes 221 of the spout 2 respectively.

[0027] While the invention has been described in terms of preferred embodiments, those skilled in the art will recognize that the invention can be practiced with modifications within the spirit and scope of the appended claims.

What is claimed is:

1. A water bottle comprising a spout including a neck having at least one first lug formed integrally with the neck wherein the first lug includes a first hole.

2. The water bottle of claim 1, further comprising a container including a body having at least one second lug formed integrally with the body wherein the second lug includes a second hole.

3. The water bottle of claim 2, wherein the spout is provided on the container, further comprising a strap hung on the container and the spout respectively, and a cap releasably secured to the neck, and wherein two ends of the strap are hung on the first lug and the second lug respectively.

4. The water bottle of claim 3, wherein the strap includes two rings at two ends respectively, the rings being hung on the first lug and the second lug respectively.

5. The water bottle of claim 3, wherein the body includes a hollow handle having two ends communicating with contents in the body, and a channel disposed between the handle and the body.

6. The water bottle of claim 5, wherein the container further comprises a cylindrical padded member disposed on the handle for increasing a degree of comfort to the hand holding the handle.

7. The water bottle of claim 3, further comprising an anti-skid bowl-shaped member secured to a bottom of the body, and wherein the anti-skid bowl-shaped member is made of rubber or plastics.

8. The water bottle of claim 3, further comprising a reflective sticker adhered to the body.

9. The water bottle of claim 3, wherein the neck is externally threaded and the cap is internally threaded and threadedly secured to the externally threaded neck.

10. The water bottle of claim 3, wherein the spout further comprises a support ring disposed in the neck and a replaceable filter disposed on the support ring.

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