

No. 775,214.

PATENTED NOV. 15, 1904.

W. A. GALLOWAY.  
FLEXIBLE WATER BOTTLE OR PAD.

APPLICATION FILED MAR. 30, 1903.

NO MODEL.

2 SHEETS—SHEET 1.

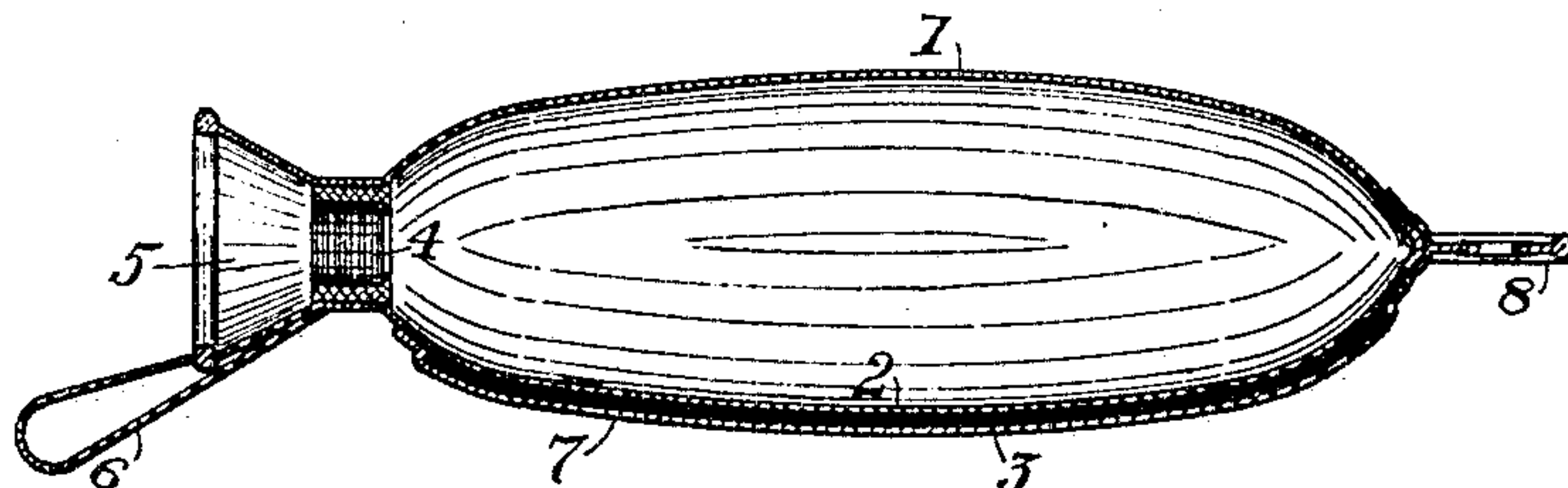


FIG. 2.

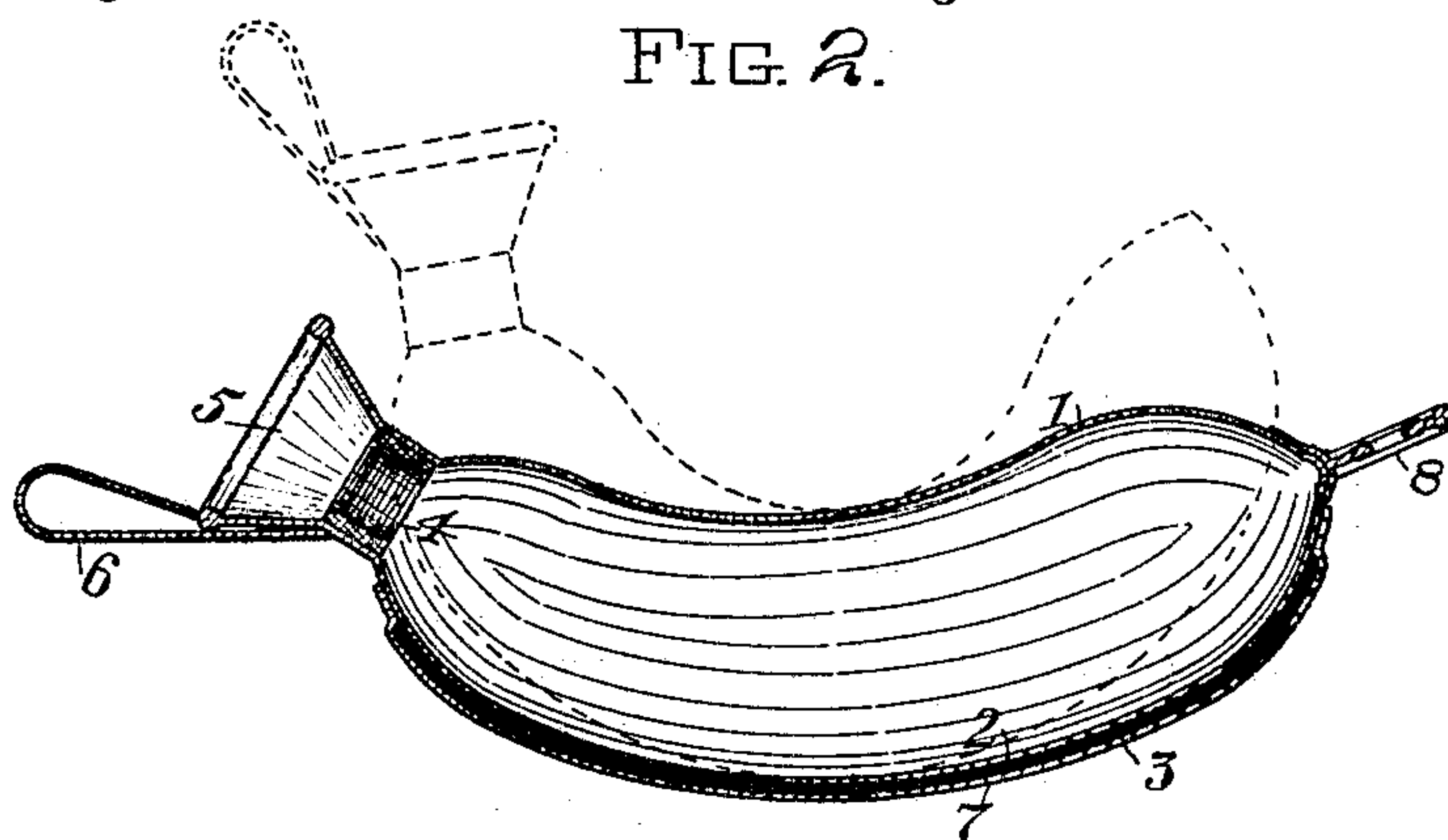


FIG. 3.

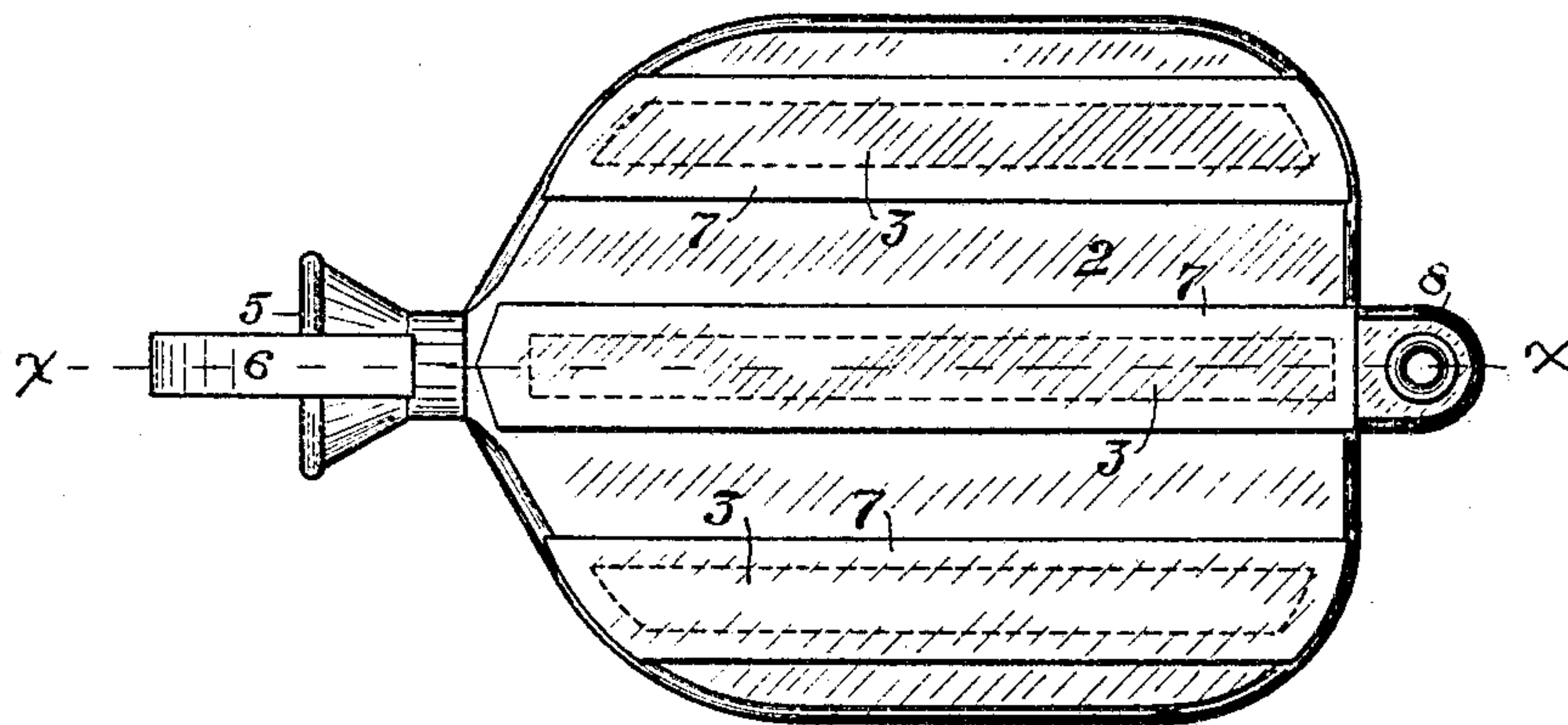


FIG. 1.

WITNESSES:

*L. E. Miller*  
*Grant Miller*

INVENTOR

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*W. L. Miller*

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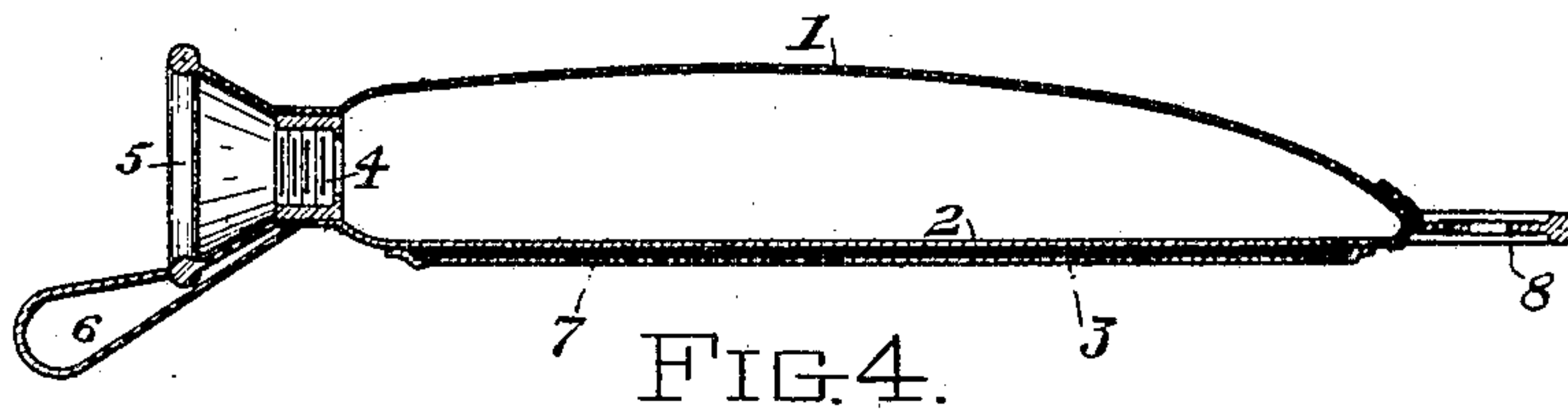


FIG. 4.

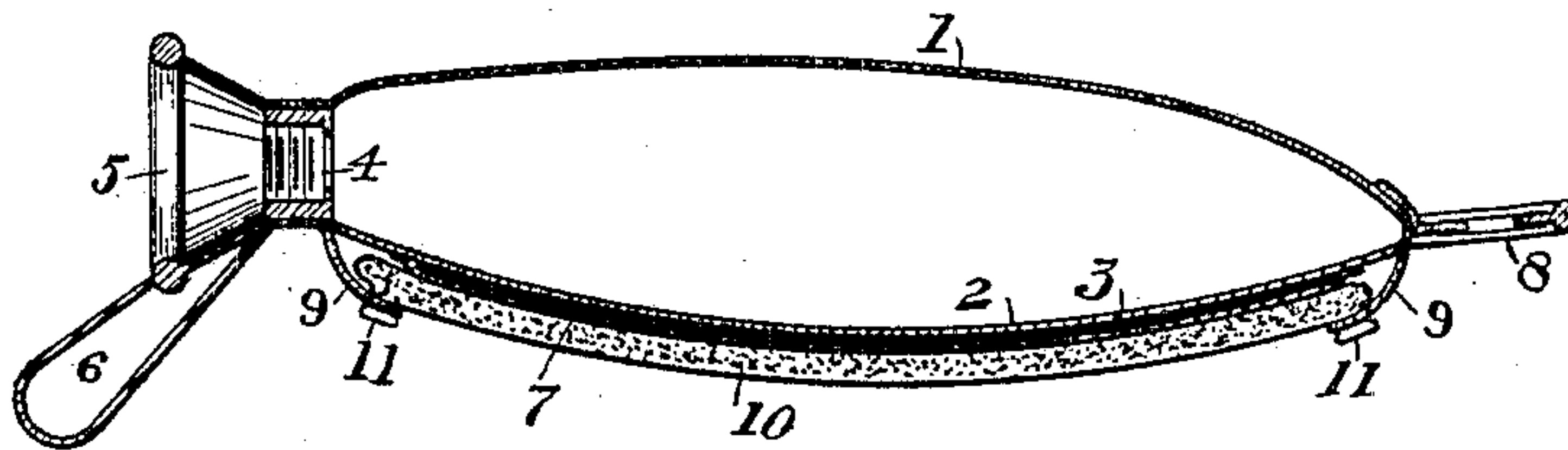


FIG. 5.

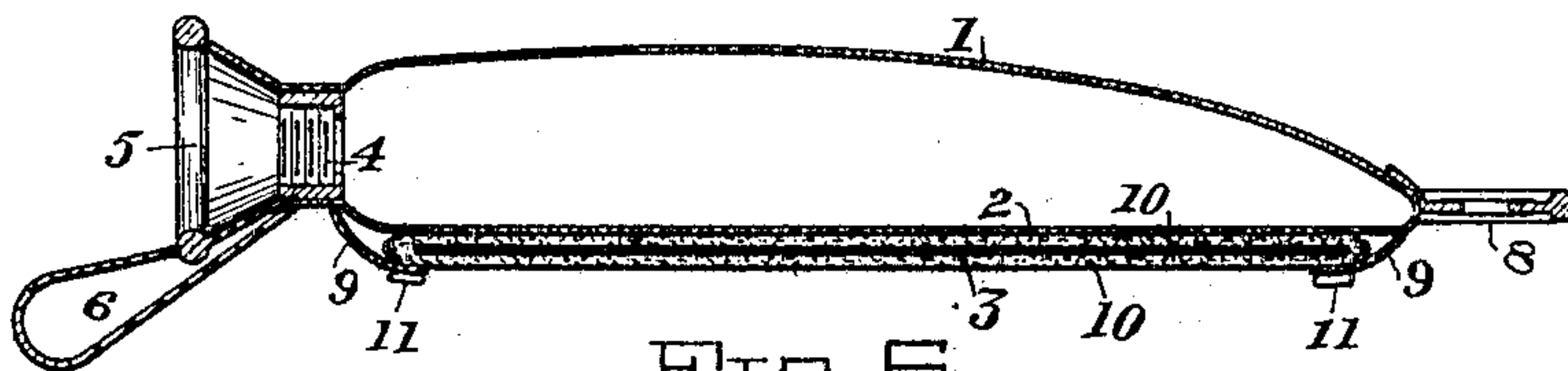


FIG. 6.

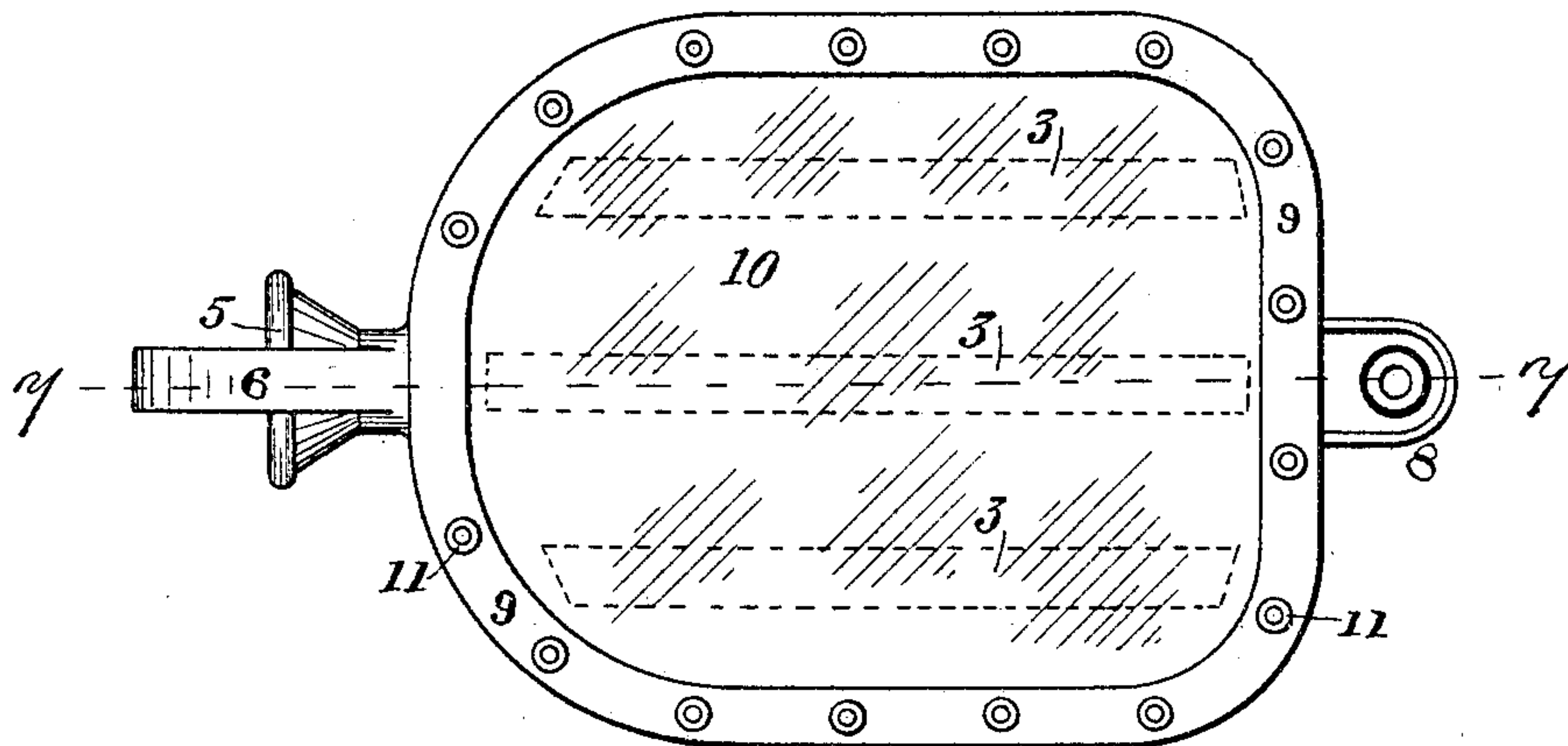


FIG. 7.

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# UNITED STATES PATENT OFFICE.

WILLIAM A. GALLOWAY, OF XENIA, OHIO.

## FLEXIBLE WATER BOTTLE OR PAD.

SPECIFICATION forming part of Letters Patent No. 775,214, dated November 15, 1904.

Application filed March 30, 1903. Serial No. 150,240. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM A. GALLOWAY, a citizen of the United States, residing in Xenia, Greene county, Ohio, have invented certain new and useful Improvements in Flexible Water Bottles or Pads, of which the following is a full, clear, and exact specification.

My invention consists of a water-bottle or water-pad composed of suitable material and having placed therein flexible ribs whereby the bottle or pad is made to conform to and retain any shape into which it may be bent by the operator. I also employ an additional wall or side for the bottle, this being composed, preferably, of felt; but any suitable material may be used, and this additional wall may be constructed either with or without the flexible ribs in it, the size and the shape having nothing whatever to do with the novelty of my device.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a plan view of the bottle, showing the flexible stays. Fig. 2 is a section on line X X of Fig. 1. Fig. 3 is a view similar to Fig. 2, showing in dotted lines the bottle bent into different shapes. Fig. 4 is a longitudinal section of the bottle on line Y Y of Fig. 7, showing the bottle in flat position. Fig. 5 is a section on line Y Y of Fig. 7, showing the bottle with the pad attached, the stays being in the wall of the bottle. Fig. 6 is a section on line Y Y of Fig. 7. Fig. 7 is a plan view of the bottle with the pad attached.

Referring now to the drawings, there is shown a water-bottle comprising the upper wall 1, the lower wall 2, the flexible rib 3, the neck 4, and the mouth 5, the bottle having means, as illustrated at 6, for holding the bottle when pouring water into it.

7 illustrates the outer wall of the bottle covering the flexible stays, and 8 illustrates a device for hanging the bottle up when not in use.

In Fig. 3 the dotted lines indicate one manner in which the bottle may be bent to suit the user. In Fig. 5, 9 is a means for fastening the pad 10 against the wall of the bottle by means of the buttons 11. It will be observed that in Fig. 6 the stays are shown in

the pad instead of the wall of the bottle and which would accomplish the same results as in the other case.

My invention has for its object a means for the more suitable, convenient, and extended use of a water-bottle or a water-pad whereby it may be bent to conform to the shape of the part of the body to which it may be applied and when so bent will retain this shape until changed—as, for example, it can quickly be shaped to fit over the shoulder or to fit the neck, or the curvature of the side of the chest or abdomen, or shaped to cover the raised surface of an abscess or boil without material pressure on the tender part. In applying the bottle in this manner I cause a more even distribution of the water in a partially-filled bottle or pad by reason of its being formed as above spoken of, and when the bottle rests on the ends of the flexible ribs on some supporting-surface other than the body, as when applied in bed to the side of the abdomen, with the end of the bottle resting on the bed, a part of weight of the contents of the bottle is sustained by the flexible ribs. It also has for its object the production of a suitable flexible water bottle or pad or jacket, whereby it may be bent partly or entirely around a portion of the body, as, for example, the thorax of an infant, and by means of the flexible ribs maintain the general shape of the thorax, but relieve it of any material pressure, thereby giving any desired temperature to the thorax without impeding breathing or circulation by the weight or pressure of the bottle or pad or jacket or contents thereof.

Having described my device, what I desire to claim is—

1. A water-bottle comprising a material conformable to different contours under the influence of the weight of the water in the bottle and flexible stiffening means adapted to hold the bottle in bent shape.

2. A water-bottle formed of a fabric conformable under the influence of the contained water to different contours upon which it may be placed, one wall of said bottle having incorporated therein stiffening members adapted to hold the bottle in bent shape.

3. An article of the class described comprising

ing a liquid-receptacle conformable to different contours under the influence of the weight of the contained liquid, a pad attached against the receptacle to receive heat from the contained liquid, and flexible stiffening means adapted to hold the receptacle with the pad in bent shape.

4. An article of the class described comprising a liquid-receptacle conformable to different contours under the influence of the weight of the contained liquid, a pad removably at-

tached against the receptacle to receive heat from the contained liquid, and flexible stiffening means adapted to hold the receptacle with the pad in bent shape.

In witness whereof I have hereunto set my hand, at Xenia, Ohio, this 28th day of March, 1903, in the presence of two witnesses.

WILLIAM A. GALLOWAY.

Witnesses:

FRED C. KELLY,  
W. L. MILLER.