

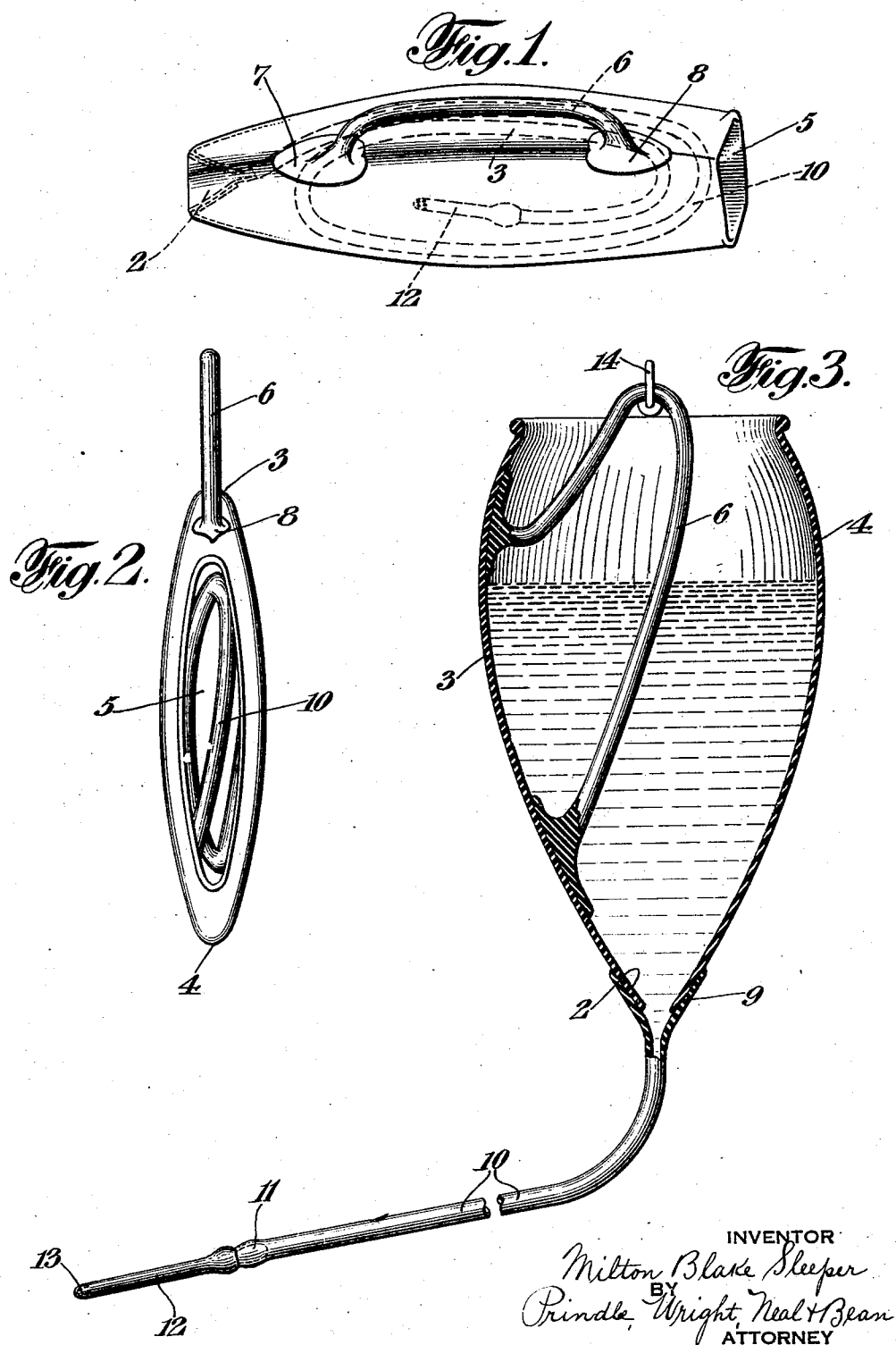
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MEDICINAL BAG

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MEDICINAL BAG

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My invention relates particularly to bags used for medicinal irrigations, etc., but which is capable of use for any purpose where a head of liquid is designed to be conveyed to the lower point by means of a tube.

The object of my invention is to provide a bag of the above character which is adapted to be turned inside out so as to contain the tube and other attachments on the inside when the bag is being carried from place to place, as in the case of traveling, etc. Also, another object is to provide a handle on the bag which, when not in use for traveling, that is to say, when the bag is being put into use, will be located on the interior of the bag so that its upper portion will serve as a ring for supporting the bag while being used. Another object is to mold the bag in the inside-out position so that when turned into the inverse position, that is to say, when being adapted to supply a body of liquid, will have its walls, as a consequence, placed under compression which will tend to prevent leakage through punctures or any imperfections in the bag. Further objects of my invention will appear from the detailed description of the same hereinafter.

While my invention is capable of embodiment in many different forms, for the purpose of illustration I have shown only one form of the same hereinafter in the accompanying drawings in which—

Fig. 1 is a plan view of the bag shown in the position in which it is used for traveling; Fig. 2 is an end elevation of the same; and

Fig. 3 is a vertical section of the same shown turned inside-out in the position in which it is adapted to be used for supplying the body of liquid for medicinal or other purposes.

In the drawings, I have shown a medicinal bag made of rubber, or other flexible material, having a body portion 1, which is molded so that it will be in the form of a flattened oval in cross section, the body portion of the bag being molded or vulcanized in the position shown in Fig. 1, with an

inwardly turned tapered outlet 2, longitudinal edges 3 and 4, and a filling opening 5. Thereafter, as shown in the drawings, there will be secured to the body portion 1 a rubber handle 6 having base flanges 7 and 8 attached by cementing, or vulcanization, to the bag 1, the handle 6 being of sufficient length to reach above the filling opening 5 when extended in that direction, as shown in Fig. 3. Also, the said bag has cemented or vulcanized to the tapered outlet 2 a funnel-shaped end 9 on a rubber tube 10, having any desired length, in the other end of which there is placed a vulcanite flanged connecting tube 11, on which there is carried a nipple or nozzle 12 with perforations 13 in the end thereof.

In the operation of my invention, when the apparatus is being transported from place to place, as, for example, when a doctor is carrying the same from point to point, the bag will be in the position as shown in Fig. 1, that is to say, with the handle 6 extending longitudinally along one edge 3 thereof, and the rubber tube 10 together with the nipple 12 folded inwardly on the interior of the bag. In this form, when not in use the apparatus is in a very convenient form for carrying in the hand, packing, etc. Also, if it is desired to have the bag occupy the smallest possible compass, the bag in this position can be rolled up and inserted in the handle 6, thus enabling the latter to act as a strap around the bag to keep it rolled up into a small compact form. When, however, the apparatus is to be set up for use, the bag will be turned inside out into the position shown in Fig. 3, thus bringing the handle 6 on the interior of the bag so that its upper end may act as a loop to be passed over a hook 14 provided in the wall, or at any other desired supporting point. Also, the tube 10, in this position of the apparatus, will now extend downwardly from the end of the body 1 of the bag in such a manner that the tapered outlet 2 fits within the funnel-shaped end 9 of the said tube 10, which extends over any desired distance for any medicinal use, as, for example, the irriga-

tion of wounds, etc. In this position it will be noted, also, that the handle 6, being on the interior of the bag, is entirely out of the way so as to prevent accidental contact with the handle resulting in moving or upsetting the contents of the bag.

While I have described my invention above in detail I wish it to be understood that many changes may be made therein without departing from the spirit of the same.

I claim:

1. A medicinal bag having a body portion provided with an outlet, a tube connected to the outlet, adapted to be carried within the body portion by turning the latter inside out, and a handle on the body portion positioned on the outside of the bag when said tube is on the inside thereof.

2. A medicinal bag having a body portion provided with an outlet, a tube having a funnel-shaped end connected to the outside of the outlet, adapted to be carried within the body portion by turning the latter inside out, and a handle on the body portion positioned on the outside of the bag when said tube is on the inside thereof.

3. A medicinal bag having a body portion of rubber provided with an outlet, a tube connected to the outlet, adapted to be carried within the body portion by turning the latter inside-out, and a handle on the body portion positioned on the outside of the bag when said tube is on the inside thereof when not containing the liquid to be supplied therefrom.

4. A medicinal bag having a body portion of rubber provided with an outlet, a tube having a funnel-shaped end connected to the outside of the outlet, adapted to be carried within the body portion by turning the latter inside out, and a handle on the body portion positioned on the inside of the bag when said tube is on the outside thereof.

5. A medicinal bag having a body portion of rubber formed initially in the inside-out position and adapted to be inverted when in use so that the interior of the body of the bag is under compression within its surface and an outlet and a tube connected thereto.

6. A medicinal bag having a body portion of rubber vulcanized in the inside-out position and adapted to be inverted when in use so that the interior of the body of the bag is under compression within its surface and an outlet and a tube connected thereto.

7. A medicinal bag having a body portion of rubber provided with an outlet and a tube connected to the outlet, adapted to be carried within the body portion in its normal position when not containing the liquid to be supplied therefrom, and adapted to dispense liquid when turned inside out

through the tube located on the outside of the bag.

8. A medicinal bag having a body portion of rubber provided with an outlet and a tube having a funnel-shaped end connected to the outside of the outlet, adapted to be carried within the body portion in its normal position when not containing the liquid to be supplied therefrom, and adapted to dispense liquid when turned inside out through the tube located on the outside of the bag.

In testimony that I claim the foregoing, I have hereunto set my hand this 3d day of December, 1928.

MILTON BLAKE SLEEPER.