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2,544,464

NURSING BOTTLE FOR BABIES

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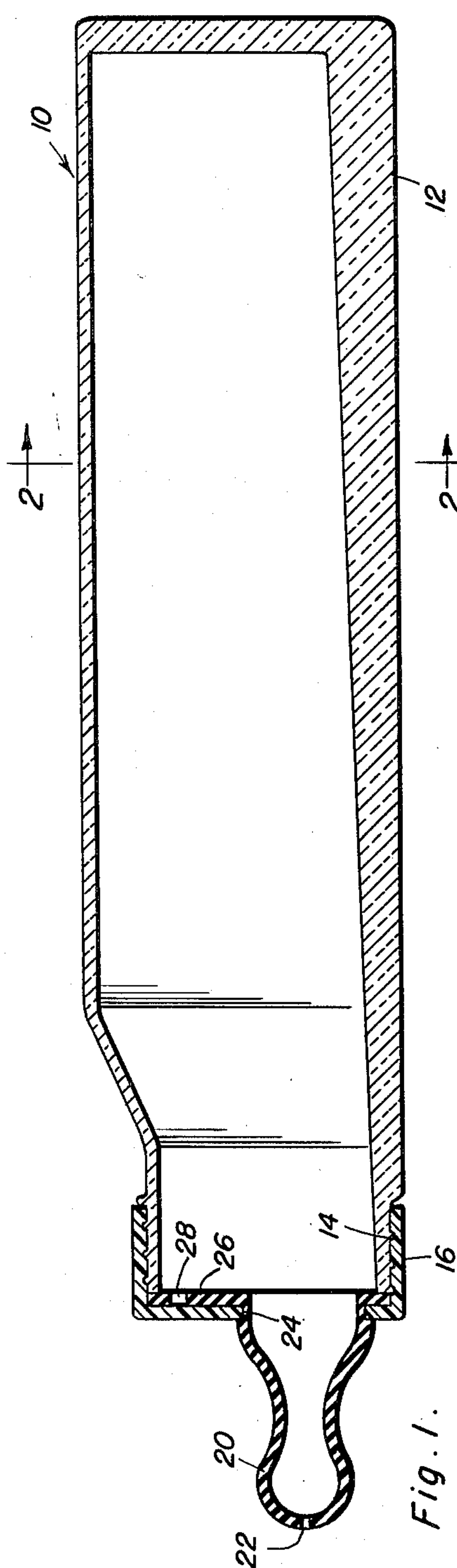


Fig. 1.

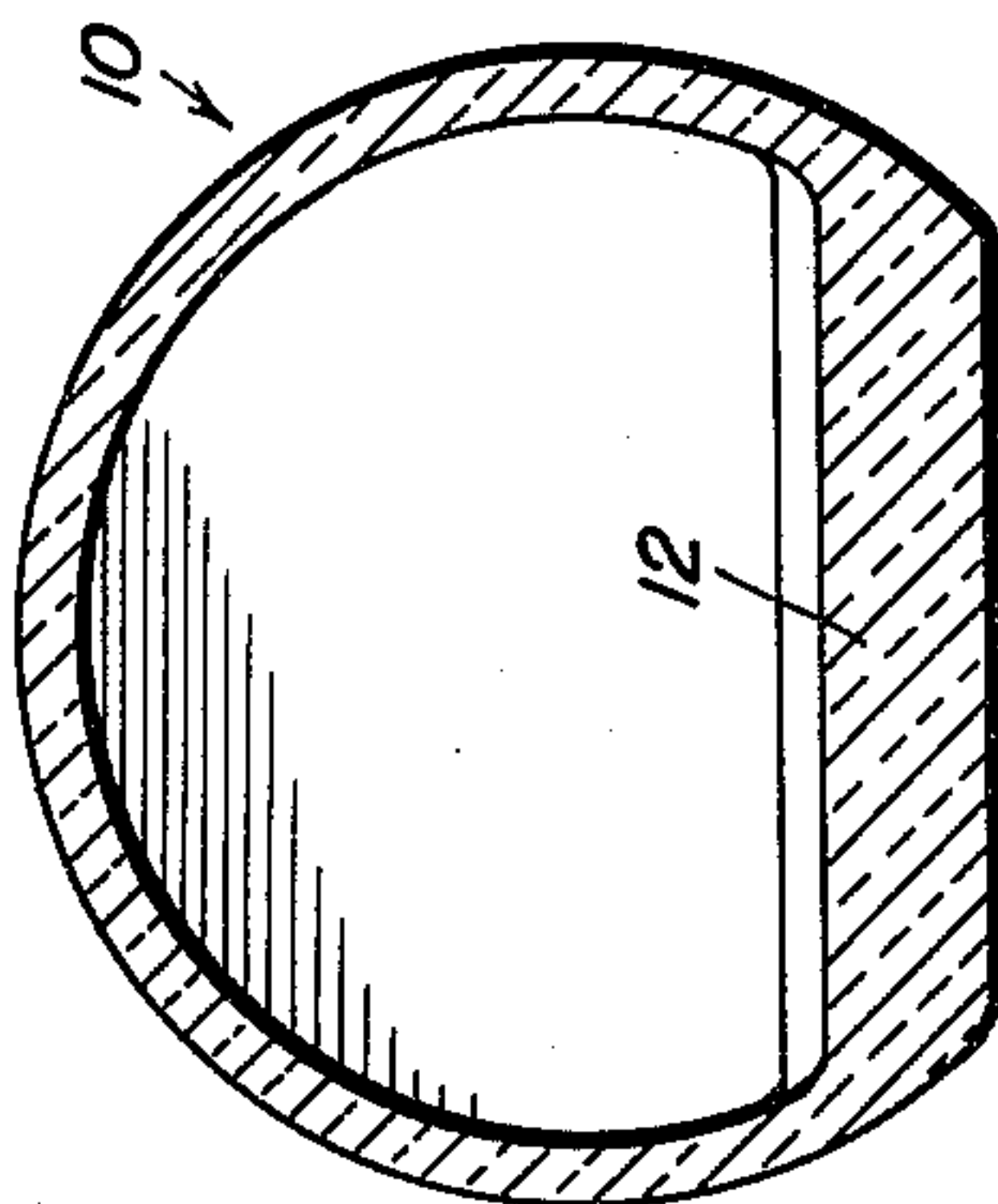


Fig. 2.

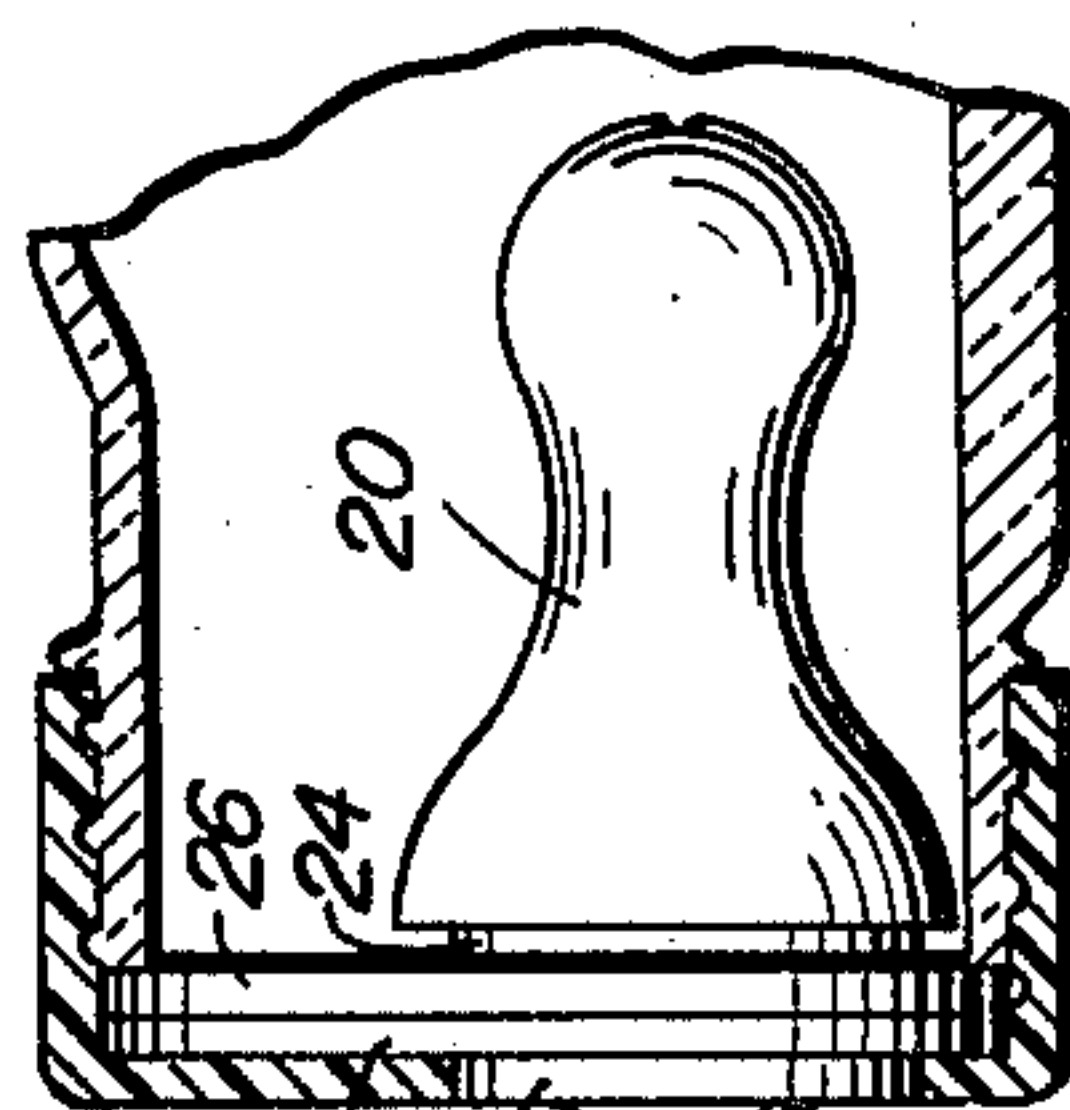


Fig. 3.

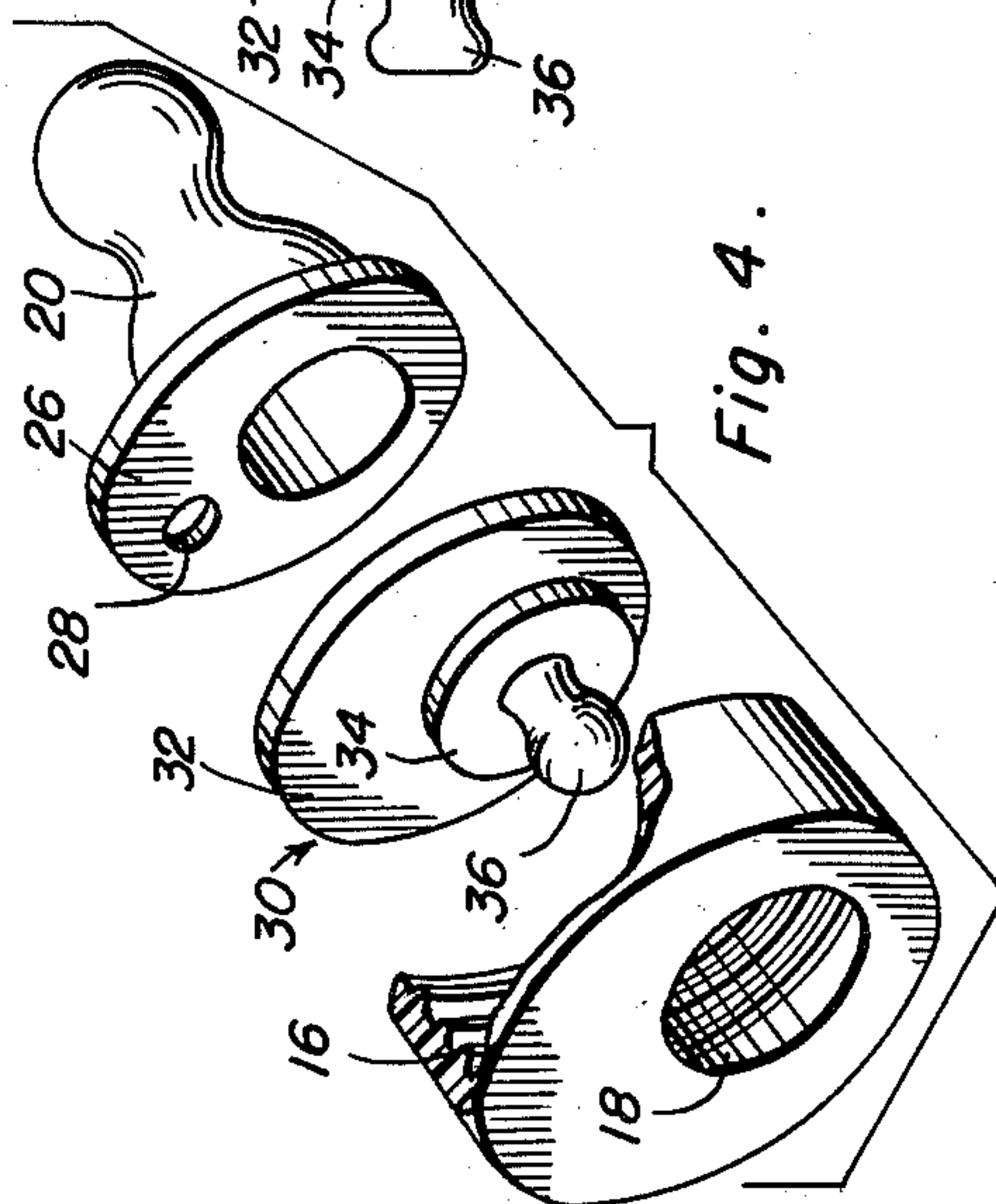


Fig. 4.

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NURSING BOTTLE FOR BABIES

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1 Claim. (Cl. 215-11)

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This invention relates to novel and useful improvements in devices for use in feeding children.

An object of this invention is to provide a non-circular bottle with an inclined lower wall and an improved closure for use in association with the bottle, which closure accommodates a nipple through the medium of an eccentric opening therein in order that the nipple may be positioned close to the lower inclined wall of the bottle.

Another object of this invention is to provide an attachment for use in association with the closure when the nipple is inoperative.

Another object of this invention is to provide a simplified device of the character to be described which is practical.

Ancillary objects and features of novelty will become apparent to those skilled in the art, in following the description of the preferred form of the invention, illustrated in the accompanying drawings, wherein:

Figure 1 is a longitudinal sectional view of the preferred form of the invention;

Figure 2 is a sectional view taken substantially on the line 2-2 of Figure 1 and in the direction of the arrows;

Figure 3 is a fragmentary sectional view showing the nipple construction in the inoperative position; and

Figure 4 is an exploded perspective view of the operative portions of the invention shown in Figure 3.

This invention has been provided in order to teach the utility of an improved bottle with an improved closure thereon for feeding infants.

A non-circular bottle generally indicated at 10 is provided with a lower flat wall 12 which is tapered from a thicker end portion at the bottom of the bottle to a relatively thin terminal portion at the top of the bottle or receptacle. Threads 14 may be provided at the upper end of bottle in order to accommodate a collar 16 which has an off centered or eccentric aperture 18 therein. Of course, the collar is internally threaded in order to match with the threads 14 of the neck of the bottle.

A substantially conventional nipple 20 is applied with the usual opening 22 at one end thereof to permit the egress of liquid from the bottle. The opposite end of the nipple has a reduced portion 24 formed therein and a substantially flat circular portion 26 extending therefrom. By this means a small pocket is formed about the periphery of the nipple in order to accommodate the

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material at the edges of the aperture 18, retaining the nipple in the operative position.

Of course the marginal edge of the circular flat portion 26 is clamped between the top portion of the neck of the bottle and the inner surface of the closure collar 16. A relief port 28 is supplied in the flat portion 26 of the nipple to permit the required air to enter the bottle thereby allowing liquid to flow rather freely therefrom.

When the invention is utilized for the purpose of feeding it is positioned as is seen in Figure 1 with the nipple projecting therefrom. However, when it is desired that the nipple should be transported or stored for one reason or another the nipple is positioned as is shown in Figure 3. An insert generally indicated at 30 is used in this connection. The said insert includes a flat portion of substantially the same diameter as the said portion 26, and this flat portion is indicated at 32. A disc 34 of substantially the same thickness as the top of the closure 16 and of a width substantially the same diameter as the aperture 18 is attached to the flat portion 32. As is seen in Figure 3 this disc is adapted to close the said aperture 18.

A knob 36 is secured to the said disc 34 and projects through the aperture. By utility of the knob it is unnecessary to ever physically touch the nipple 20. Thus it can be manipulated to the operative and inoperative position, always remaining in the substantially sanitary condition.

While it has been described and illustrated only as a preferred form of the invention, it is apparent that variations may be made without departing from the spirit thereof. Therefore limitation is sought only in accordance with the scope of the following claim.

Having described the invention, what is claimed as new is:

40 A feeding bottle for children comprising a receptacle having an open end and at least one flat wall, the inside surface of said wall sloping toward the open end of said receptacle to ensure liquid flow from the receptacle when the receptacle is horizontal, a closure removably disposed on the open end of said receptacle and having an aperture therein off centered with respect to the top of the closure and disposed close to said flat wall, a nipple having a flange extending therefrom, said flange being disposed between the open end of said receptacle and said closure, a disk of resilient material having a flange, and the disk flange being disposed between the open end of said receptacle and said closure so that 55 said closure maintains the nipple and said disk

fixed at the open end of said bottle, and a holder fixed to said disk and passed through the aperture in said closure.

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