Oct. 19, 1948. M. H. LOVE ET AL 2,451,846

NURSING BOTTLE HOLDER

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Fig. 1.

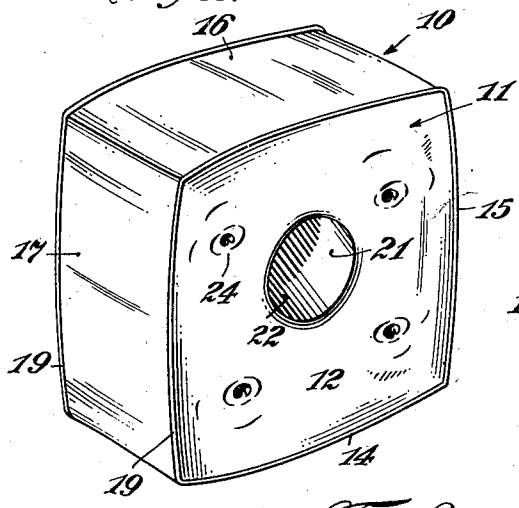


Fig. 2.

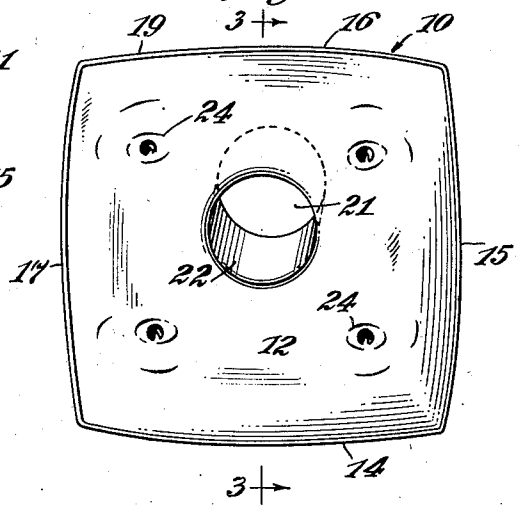


Fig. 3.

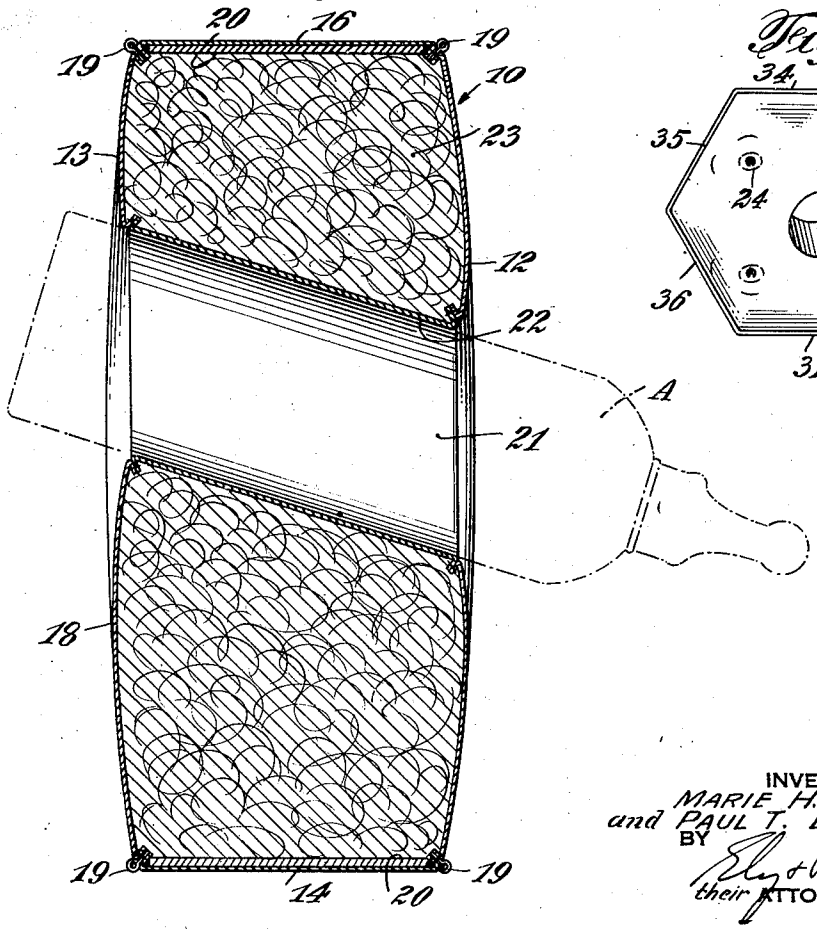


Fig. 4.

INVENTORS
MARIE H. LOVE
and PAUL T. LOVE
BY
their ATTORNEYS

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NURSING BOTTLE HOLDER

Marie H. Love and Paul T. Love, Riverdale, N. Y.

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2 Claims. (Cl. 248—105)

1

This invention relates to improvements in nursing bottle holders and has for its primary object, the provision of a device by which an infant child may be fed from a bottle without the aid of an attendant.

Another feature of the invention resides in a cushion-like holder having a soft filling through which a nursing bottle may be easily inserted and supported at a favorable angle to permit the contents thereof to flow freely for proper feeding of a nursing child.

A further feature of the invention is to provide a nursing bottle holder having an opening therethrough for receiving a nursing bottle, the walls of which are sufficiently constricted to hold a bottle against accidental displacement, and to encompass approximately two-thirds of the bottle at all times to insure a maximum heat retention for the contents of the bottle during the nursing period.

Another feature of the invention is the provision of a nursing bottle holder in which the bottle receiving opening is arranged in a novel manner to facilitate a higher and lower elevation of the nursing bottle during use as may be required by reason of the size of the infant child by the mere turning of the holder onto any one of its plurality of flat sides.

Other novel features of the invention are to provide a nursing bottle holder which is simple and inexpensive of construction; which is constructed of lightweight materials having no foreign substances nor protruding parts which might be injurious to an infant child; and which is constructed of an outer covering of waterproof material to facilitate washing to maintain the holder in a sanitary condition.

Other novel features of the invention will become apparent as the following specification is read in conjunction with the accompanying drawing, in which

Figure 1 is a perspective view of the nursing bottle holder constructed in accordance with the invention.

Figure 2 is a side elevational view.

Figure 3 is an enlarged vertical sectional view on the line 3—3 of Figure 2.

Figure 4 is a side elevational view of a modified form of the invention.

Referring to the drawing by reference characters, the numeral 10 designates the improved nursing bottle holder in its entirety and which comprises a cushion-like body 11. The body 11 has opposed end walls 12 and 13, either of which may be considered the front wall, and four flat

2

side walls 14, 15, 16 and 17, either of which may be considered the bottom wall for reasons hereinafter explained.

The cushion-like body 11 comprises an outer covering 18 of waterproof material such as rubber or rubberized fabric. The body 11 may be made of a number of pieces of the material 18 stitched together, the edges of which are trimmed with piping or beading 19. The four side walls are stiffened by cardboard strips 20 disposed on the inner sides thereof.

The body 11 has a bottle opening 21 extending transversely therethrough, the walls 22 of which are also constructed of waterproof material. The location of the ends of the opening 21 with respect to the opposed end walls 12 and 13 is important for they are eccentric with respect to the centers of the end walls. The opening 21 is disposed at an angle with respect to the transverse center of the body and is of uniform diameter throughout as best illustrated in Figure 3. Thus the ends of the opening 21 are located at various distances from the four side walls 14, 15, 16 and 17 to facilitate adjustment of the height of the bottle supported within the opening when the various side walls are utilized as the base surface of the holder 10.

The inside of the covering 18 is filled with a soft mass 23 such as cotton and is of such volume as to cause the walls of the body 11 and opening 21 to assume a taut solid cushion-like appearance.

In practice, the holder is set upright on either of its four side walls 14, 15, 16 and 17 in a crib, carriage or bed, with a nursing bottle A inserted through either end of the opening 21 depending upon the elevation desired between the mouth of the nursing infant and the surface on which the holder is set. The nipple of the bottle A is disposed within reach of the mouth of the infant child so that no attendant is necessary. The opening 21 is of such size as to necessitate the forcing of the same therethrough so that the walls 22 thereof will tightly fit thereabout to securely hold the bottle against accidental displacement and with the filling 23 to substantially enclose the major portion of the bottle and maintain the contents of the bottle A in warm condition during the nursing period.

Either of the end walls 12 or 13 may be positioned to face the nursing child, and may have suitable nursery pictures 24 provided thereon to attract and hold the attention of the child during the entire nursing period.

From the foregoing, it will be understood that

a nursing bottle may be supported at a most favorable angle and height depending upon the size of the infant child and the support on which the holder is supported while the child is in a lying posture. The holder is soft and free of any protrusions which might injure the child should he come in contact therewith. Also, the holder 10 has an outer covering of waterproof material which may be washed to maintain the same in a sanitary condition.

It will be seen from the drawing that the centers of the ends of the opening 21 are located closer to one of the sides than the remaining sides, and the distances from the center of each opening to each of the four sides in the plane of the end containing the opening are unequal. Also, the axis of the opening 21 is offset with respect to the axis passing through the center of the two ends. This axis is inclined with respect to said central axis and preferably does not intersect the center axis. It is this formation which enables the nursing bottle to be supported always at the most favorable angle and height.

In Figure 4 of the drawing we have illustrated a modified form of our nursing bottle holder which is designated 30. The construction of the holder 30 is the same as the holder 10, except that instead of four side walls, the holder 30 has six flat side walls 31, 32, 33, 34, 35 and 36, either of which may constitute the supporting base when the holder 30 is in use. The nursing bottle opening 37 is disposed at different spaced distances from the six end walls to facilitate a greater number of height adjustments of the nursing bottle relative to the infant child when the holder is in use.

While we have shown and described what we consider to be the preferred embodiment of our invention, we wish it to be understood that such changes in construction, design, and materials may be resorted to if desired without departing from the spirit of the invention as set forth in the appended claims.

Having thus described our invention, what we claim as new and desire to secure by Letters Patent is:

1. A nursing bottle holder comprising a yielding body of regular polygonal shape, said body having an opening through it from one end face to the other, the extremities of the openings being offset from the centers of said end faces at unequal distances from said centers and so disposed that the axis of said opening is inclined with respect to said end faces so that when the holder rests upon different side faces thereof, the height and inclination of the bottle is varied.

2. A nursing bottle holder comprising a yielding body of regular polygonal shape, said body having an opening therethrough, the extremities of said opening lying in the two end faces, the centers of said extremities being disposed at different distances from the centers of said faces and at unequal distances from the side edges of said end faces in the plane of said faces; said axis of said opening being inclined to the central axis passing through the center of said end faces and passing to one side thereof, so that when said body rests upon different side faces the angle of inclination and height of said bottle in said holder is adjusted.

MARIE H. LOVE.
PAUL T. LOVE.

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