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2,182,164

BOTTLE HOLDER

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Fig. 1

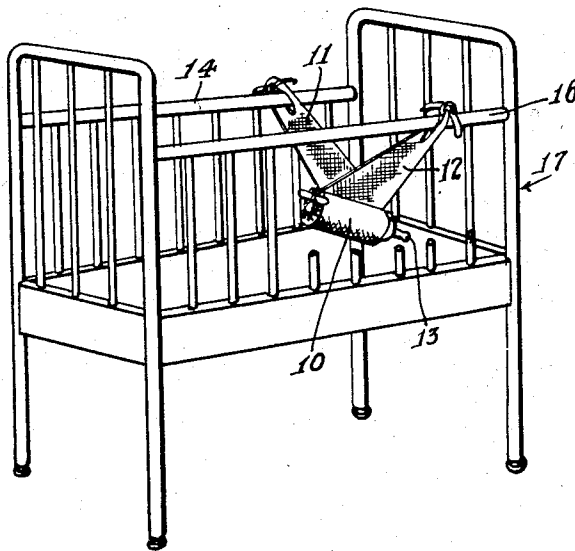


Fig. 2

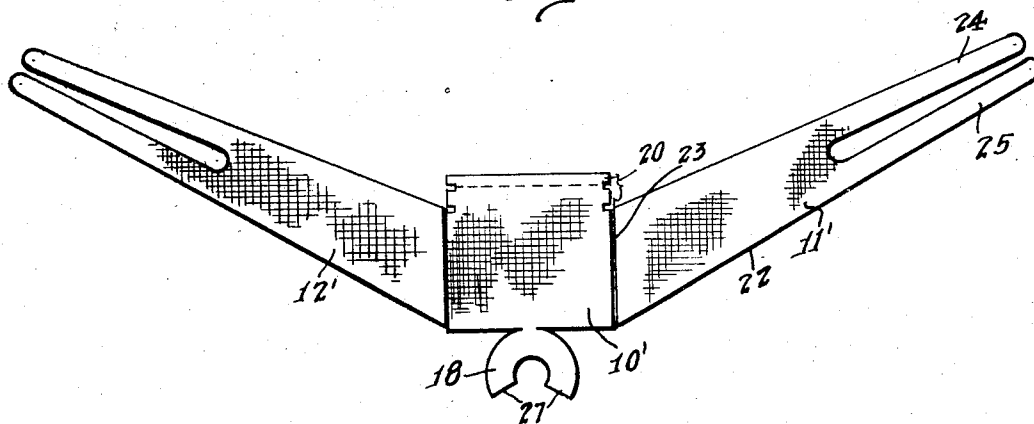
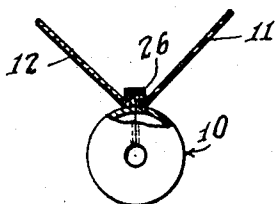


Fig. 3



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BOTTLE HOLDER

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3 Claims. (Cl. 248—104)

This invention pertains to a holder for nursing bottles, which holders may be readily cleaned, are non-metallic, and therefore incapable of injuring the infant, are readily adjustable and positively hold the bottle in a suitable feeding position. Furthermore, the device may be employed in hospitals and sanitararia.

Generally stated, the invention relates to a holder for nursing bottles and the like made from flexible, non-metallic material such as cloth, the device including a holder provided with a closed end and an open end, the closed end being provided with a perforation through which a nipple or tube may extend whereas the open end is provided with a releasable closure. This holder is provided with substantially triangular supporting members also made from a flexible, limp material, said supporting members being bifurcated at their ends so as to facilitate attachment of the supporting members to any fixed object. The supporting members and the holder are so related that the bottle within the holder is maintained at a predetermined desired angle of inclination.

An object of the invention, therefore, is to provide a holder for nursing bottles and the like, the holder being provided with supporting members which maintain the bottle within the holder at a desired inclination or angle.

A further object is to provide a holder for nursing bottles and the like which is made from cloth and is free from metallic elements or parts, thereby facilitating laundering.

A still further object is to provide a nursing bottle holder which is inexpensive and simple to manufacture and operate.

These and other objects, uses, advantages and modifications of the invention will become apparent to those skilled in the art from the following detailed description of a preferred form. In order to facilitate understanding, recourse will be had to the appended drawing wherein—

Fig. 1 is a perspective of the device installed in a crib.

Fig. 2 is a plan view of the elements in extended form.

Fig. 3 is a front elevation, partly in section, showing the means whereby the elements are assembled.

As shown in Fig. 1, the device comprises a holder 10 provided with two substantially triangular supporting members 11 and 12. The entire device is preferably made from some flexible, substantially limp, non-metallic material such as cloth, flannel or other fabric. The holder 10 is

adapted to receive any suitable bottle and it is to be noted from Fig. 1 that the holder 10 and the bottle contained therein is held at an angle to the horizontal so that the contents of the bottle may be readily withdrawn through the projecting nipple 13. Furthermore, it is to be noted that the ends of the members 11 and 12 are bifurcated and are capable of being tied around the rails 14 and 16 of the crib, generally indicated at 17. The ready adjustability of the device will be apparent.

The holder 10 is preferably made from a single piece of cloth which may be rectangular in shape, as shown at 10' (Fig. 2). The front or downwardly directed end of the holder 10 is provided with a closure and such closure may take the form of the incomplete annulus of material, indicated at 18. The rear or upper end of the holder 10 may be left open or it may be provided with a draw string or elastic. In order to provide the necessary fullness and thereby permit the draw string to close the upper end of the holder 10, the blank 10' is preferably provided with the rearward extension indicated at 20.

The supporting members 11 and 12 in extended form may be made as shown at 11' and 12' respectively. These supporting members are also made of some limp, non-metallic material such as a fabric. When fabrics are employed, the run of the material should be substantially parallel to the long sides 22 of the triangular blanks such as 11'. The short side 23 of the triangular member is preferably equal to the length of the bottle to be retained within the holder. The longest sides 21 and 22 of the triangular members 11' and 12' make angles of less than 90° with the short sides 23, as illustrated in Figure 2. The sides of the triangle opposite the longest sides 21 and 22 make angles greater than 90° with the short sides 23, thus the triangular members 11' and 12' are secured at their shortest sides 23 to the holder 10 so that they project generally rearwardly or upwardly as illustrated in Figure 2 so that when the holder 10 contains the bottle, the bottle is held in forwardly inclined position to permit the contents of the bottle to drain forwardly toward the nipple 13.

The end of the triangular member 11' may be bifurcated so as to form the ties 24 and 25.

The longitudinal edges of the rectangular member 10' and the short sides of the triangular supporting members 11' and 12' may then be joined together in a single seam, as indicated at 26 in Fig. 3. The circular outer edge of the annular member 18 is attached to one edge of

the member 10' and the open ends 27 are stitched together. Preferably, the annular member 18 is attached to the member 10' before the rectangular supporting members are attached so that the seam 26 may include the joining of the edges 27 of the annular member.

It is to be understood that various forms of trimming, decoration, edge binding, etc., may be employed. Those skilled in the art will observe that the entire device is washable and limp so that the infant can not be injured or scratched in any manner. Furthermore, the annular member 18 forming the closed lower end of the holder 10 retains the nipple of the bottle and prevents the infant from withdrawing or removing the nipple. The draw string, elastic or other releasable closure at the upper or rear end of the holder 10 prevents the bottle from being dislodged except intentionally. Since the holder 10 is maintained in a downwardly inclined direction at all times, the infant may have recourse to the nipple at will.

Another advantageous feature of the holder of this invention lies in that it is capable of maintaining the contents of bottles placed in the holder at a desired temperature, particularly when the holder is made from a fabric such as flannel.

It is further to be noted that the holder is extremely simple and may be readily and cheaply manufactured.

Although in the preferred form shown the triangular supporting members have been shown with bifurcated ends, it is to be understood that the outer ends of said supporting members may be provided with various and sundry means and devices for attaching the same to rails or other fixed points of attachment.

I claim:

1. A holder for nursing bottles and the like comprising a flexible, substantially limp non-metallic bottle-receiving member provided with a closed end and an open end, the closed end having an aperture therein, the open end being provided with closing means; a pair of flat supporting members of approximately triangular shape having their sides of unequal length at-

tached by their short sides to said bottle-receiving member, the longest side of each supporting member making an angle of less than 90° with the short side of the member, said supporting members being adapted to be attached to spaced fixed supports whereby the holder is suspended in an inclined position with the closed end directed downwardly.

2. A holder for nursing bottles and the like comprising a flexible non-metallic holding member provided with a closed end and an open end, the closed end having an aperture therein, the open end being provided with a releasable closure; a pair of fabric supporting members of approximately triangular shape having their sides of unequal length and attached by their shortest sides to said holding member along a seam extending longitudinally of the holding member between the ends thereof, both longer sides of each supporting member extending rearwardly from the closed end of the holding member, the free outer ends of said supporting members being bifurcated to form ties adapted to be used in attaching the holding member to supports to suspend the holding member in an angular position with the closed end directed downwardly.

3. A holder for nursing bottles, including a substantially cylindrical holding member and having a pair of fabric supporting members approximately triangular shaped, the sides of said triangular supporting members being of unequal length and the triangular holding members being attached at their shortest sides to the said holding member along a seam extending longitudinally of the holding member between the ends thereof, the triangular supporting members having their longest sides joining the shortest sides at an angle less than 90° and their sides of intermediate length joining the shortest side at an angle greater than 90° whereby the outwardly extending supporting members are adapted to maintain the holding member in an inclined position from the horizontal when the said triangular supporting members are attached to spaced fixed supports.

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