June 28, 1949. J. E. DU BOIS 2,474,416

BOTTLE SUPPORT

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Fig. 1.

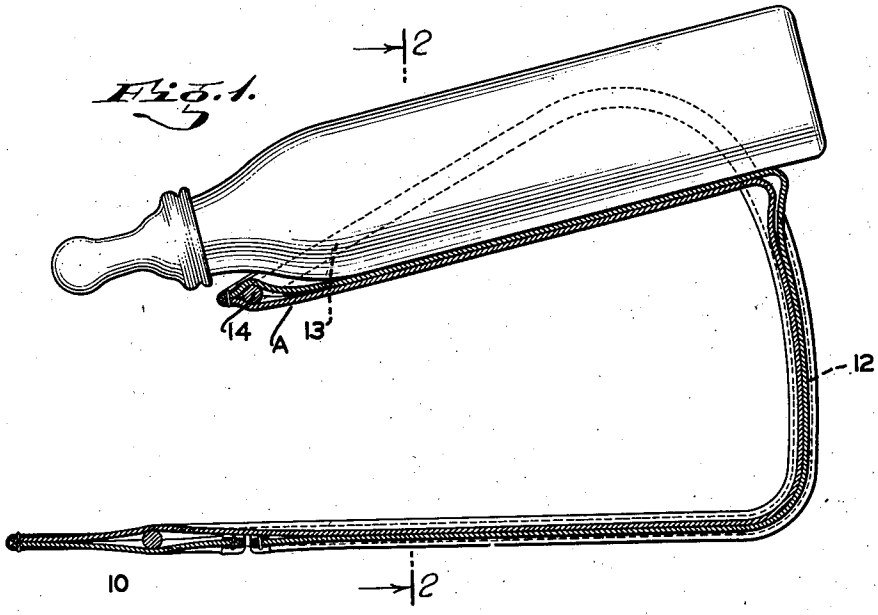


Fig. 3.

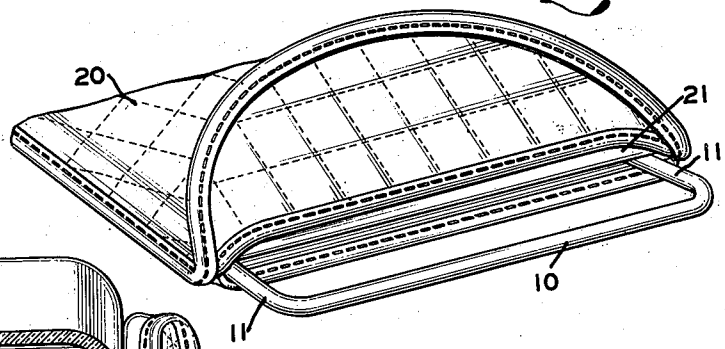
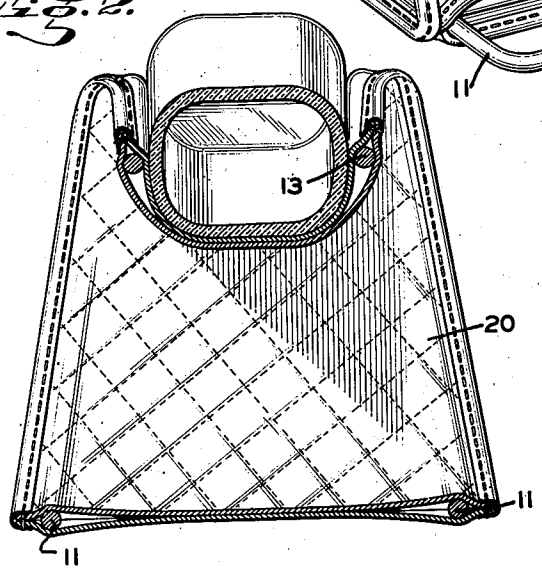


Fig. 2.



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BOTTLE SUPPORT

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2 Claims. (Cl. 248—105)

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This invention relates to bottle holders for use by parents who wish to nurse an infant without holding the bottle by hand.

A bottle holder intended to support a bottle at the right height and angle of inclination must also be capable of being cleaned readily, must have no projections or hard edges, and preferably should serve to protect the bedding in the event that the infant loses his grip on the nipple. Also, it should not look too mechanical in order that it not seem out of place in the maternity or infant supply store, or in the bed itself with the infant.

The prior art devices in general comprise wire or other metallic structures shaped to support the bottle, either while standing on the bed or while clamped to a portion thereof. There are also various pads and block-like structures but they are rather hard to adjust to the position of best delivery.

Accordingly, it becomes a primary object of the present invention to provide a nursing bottle support which can be readily adjusted to support a bottle at the most favorable height and at the best angle for proper nursing.

It is a further object of this invention to provide a nursing bottle support which is well adapted to receive bottles of different sizes and shapes.

It is a further object of the present invention to provide a bottle holder which is readily cleaned.

It is a further object of the present invention to provide a bottle holder which serves to protect the bedding while in use.

It is a further object of the present invention to provide a bottle holder which has no projections or ledges which might injure an infant.

Referring now to the drawings:

Fig. 1 is a section through the center of a bottle holder embodying the present invention;

Fig. 2 is a section taken on line 2—2 of Fig. 1; and

Fig. 3 is a fragmentary view showing the manner in which the inner frame is inserted in the casing of the holder.

The form of holder shown can be considered as a frame, made of an endless wire grommet, shaped to provide a flat base, in the general shape of a U, with a pair of vertically extending members integrally attached to the ends of the legs of the U. Integral with the vertical legs is another U member, smaller and narrower than the first mentioned U. The entire frame is covered with fabric which supports the bottle.

In detail, the member 10 and legs 11 form the

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bottom U. They are so formed that the legs of the U are inclined toward each other at the free ends. The upwardly directed portions 12 are shown as inclined toward each other, and they merge, through a bend of large radius, with the downwardly inclined legs 13, which legs are connected by a portion 14.

This frame as such would not support a bottle very securely, and accordingly it is fitted into a cover. This cover has the general appearance of an elongated tapering flat piece of double material with rounded ends. Means is provided for the insertion of the frame within the cover. The frame may be sewn therein, but it is preferable that it be readily removable. Accordingly, the cover 20 is shown as simply bound around its entire circumference, with a slit 21 formed in one side near the large end 22 of the cover.

For simplicity, the slit may be omitted, and the binding left open at the large end. This form of construction is particularly advantageous if the cover is made of synthetic material with the edges heat-sealed or "welded" together. The portion of the cover extending beyond the wire frame at the bottom serves to catch any liquid spilled from the nipple of the bottle.

The cross-stitching shown does not extend through both pieces forming the cover, but is intended merely to hold padding to each piece, as is common in garments made of quilted material, the pockets thereof being separate quilted pieces. The padding need not be very thick, as the wires are smooth, with no projections, and thus do not cause discomfort or danger to the infant with even slight padding.

When the holder is to be used, it is readily bent to give the right height and inclination of the bottle. The bottle rests on the fabric extending between the legs 13. This fabric, it will be noted, sags quite a little below the legs, permitting them to grip the side of the bottle. As a matter of fact, using a round or hexagonal bottle, or the bottle shown turned 90° around on its longitudinal axis, the near approach of the legs 13 causes the fabric to sag in region A much more than is shown, which permits the neck or shoulder of the bottle to engage the portion 14 of the frame, so that sliding of the bottle is positively prevented.

Various modifications readily suggest themselves, but it is to be understood that the invention is to be interpreted as being defined in the appended claims.

I claim:

1. A holder for a nursing bottle comprising a frame having a U-shaped upper portion integral

with a pair of downwardly extending members and a U-shaped base member integral with the downwardly extending members, and a fabric cover comprising a pair of sheets secured together along the periphery sufficiently to retain it in position on the frame, said cover being loose on the upper U-shaped portion to permit it to sag, said cover further enveloping the entire frame.

2. A holder for a nursing bottle comprising a frame having a U-shaped upper portion integral with a pair of downwardly extending members and a U-shaped base member integral with the downwardly extending members, and a fabric cover comprising a pair of sheets secured together along the periphery sufficiently to retain it in position, said cover being loose on the upper U-shaped portion to permit it to sag, said cover further enveloping the entire frame and having the portion enveloping the base member extending beyond the region below the point at which the nipple of a bottle supported in the holder would terminate.

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REFERENCES CITED

The following references are of record in the file of this patent:

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