Sept. 13, 1949. R. V. NELSON 2,481,773

NURSING BOTTLE HOLDER

Filed Feb. 12, 1948

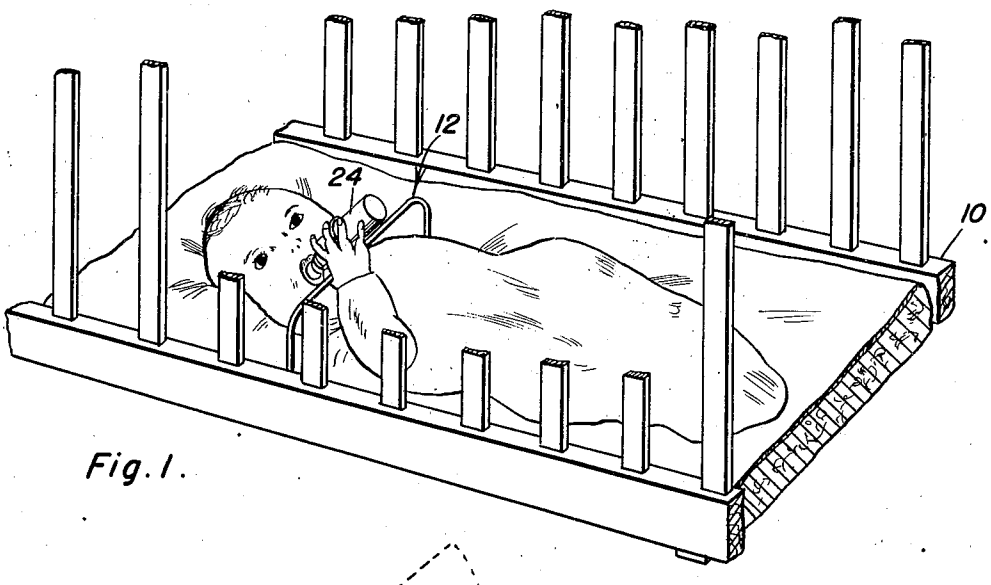

Fig. 1.

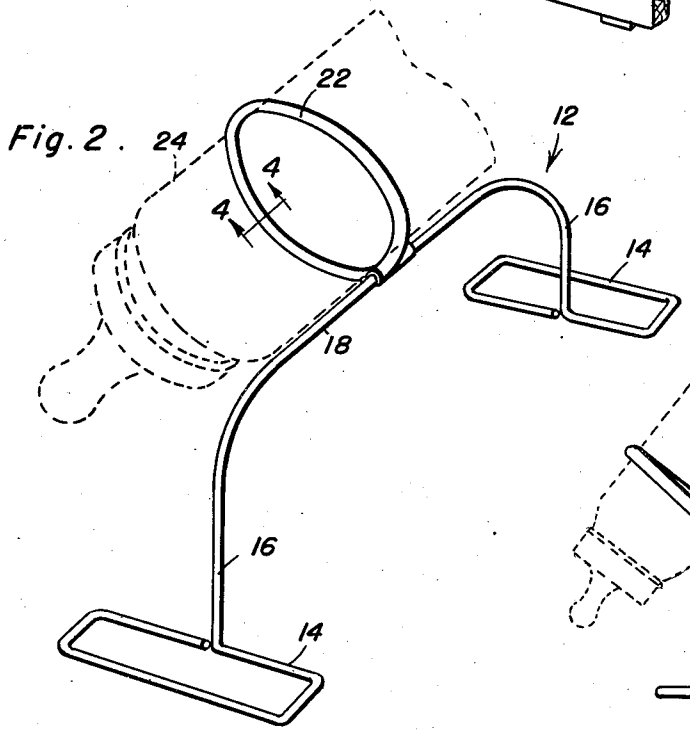

Fig. 2.

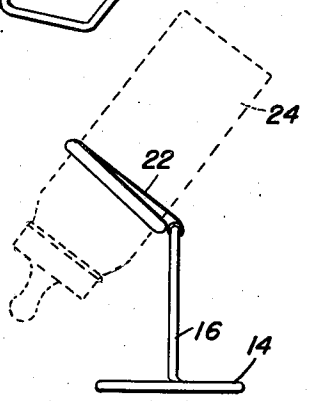

Fig. 3.

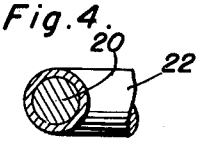

Fig. 4.

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NURSING BOTTLE HOLDER

Robert V. Nelson, Mount Clemens, Mich.

Application February 12, 1948, Serial No. 7,770

1 Claim. (Cl. 248—107)

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This invention relates to a new and improved nursing bottle holder and support so that an infant reclining in a crib or baby carriage is readily able to partake of nourishment therefrom, as desired.

An object of the invention is to provide a very simple device, inexpensive in manufacture, low in cost and of a sturdy and dependable character so that a bottle is safely and securely supported therein.

A further object of the invention is to provide a device that is capable of holding any type of bottle that is desired and still operate efficiently.

And a still further object of the invention is to provide a friction means to hold the bottle against slipping from the support.

A more specific object of the invention is to provide a device made out of a single piece of wire capable of both supporting a bottle therein as well as supporting the entire device on a flat surface and, is capable of adjustment to accommodate different sizes of infants.

Other objects and advantages of this invention will appear from the following detailed description of the present and preferred embodiment illustrated in the accompanying drawing.

Figure 1 is a perspective view of a portion of a crib and showing the invention in use;

Figure 2 is a perspective view of the device of the invention;

Figure 3 is an end view of the device as shown in Figure 2, and;

Figure 4 is a section taken on line 4—4 of Figure 2.

Referring to Figure 1, a usual crib, with the sides broken away, is depicted at 10 and discloses the position of the device of the invention 12 as actually being used by an infant. Referring to Figures 2 and 3, the improved bottle holder 12 is disclosed as retaining a nursing bottle 24. Bottle holder 12 is preferably formed of a single piece of wire, and is of spring steel, although any other type of material available may be employed, and is bent at its outer extremities to form a rectangular support 14. Support 14 terminates in a pair of integral, perpendicularly extending arms 16 which are in turn bent at their upper ends to form a transverse connecting piece 18. Thus, as may readily be seen from the figures, the plane of wire 18 is parallel to the plane of rectangular support 14.

Wire 18 is looped medially along its length at 20 and is of a size large enough to retain the usual nursing bottle. It is to be noted that loop 20 is inclined at an angle of about 45 degrees from the plane of wire 18. In order to assure retention of the bottle within the device, a rubber tube 22 is inserted on wire 18 and encloses loop portion 20 (see Figure 4). Thus, the bottle 24, is frictionally retained against slipping, as well as held by the width of loop 20 in abutting relation with the body thereof.

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The use of the device is readily apparent from the above description. The bottle is inserted in the holder by pushing the end of the bottle through loop 20 to the desired position. The close engagement of wire 20, as well as the frictional retention by means of rubber tubing 22, serves to prevent bottle 24 from sliding out of position. In the event that a square bottle, instead of the circular bottle shown is used, the edges thereof will be firmly retained in a similar manner. The entire device is then placed over the baby's chest and rests on bed 10 by means of rectangular supports 14. To compensate for the growth of the child or for differently aged infants, the device is either moved toward or away from the child, or bottle 24 is raised or lowered within said retaining loop 20. In order to remove bottle 24 from the holder 12, the arms 16 are pressed together, thus enlarging the diameter of loop 20 and permitting removal therefrom. Supports 14 rest on the mattress of the crib and are of such length and weight, that the device will not tip over. It is to be noted that while tubing 22 is illustrated as the frictional retention means, it is obvious that any other resilient means, such as felt or solutions forming resilient coatings, may be supplied.

From the above it will be seen that the several objects of the invention are attained and other advantageous results achieved.

As many modifications of the embodiment above illustrated might be made without departing from the spirit or scope of the present invention, and it is intended that the above description of the accompanying drawings and claim shall be interpreted as illustrated.

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

A bottle holder formed of a single piece of wire bent on each extremity to form rectangular supports, a pair of oppositely disposed vertical arms perpendicular to said supports and a transverse wire looped medial its length and connecting said vertical arms, said loop being bent at an angle to the plane of the transverse wire.

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