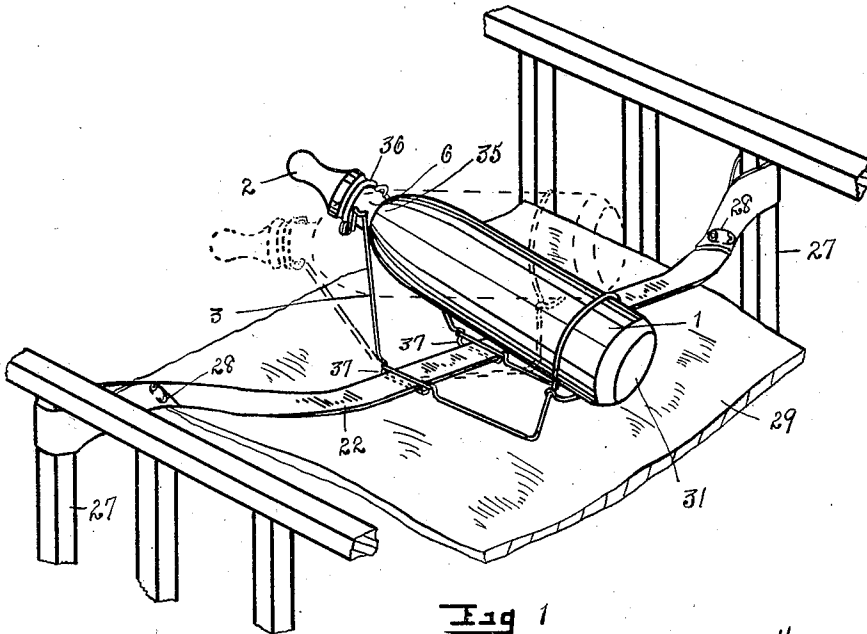


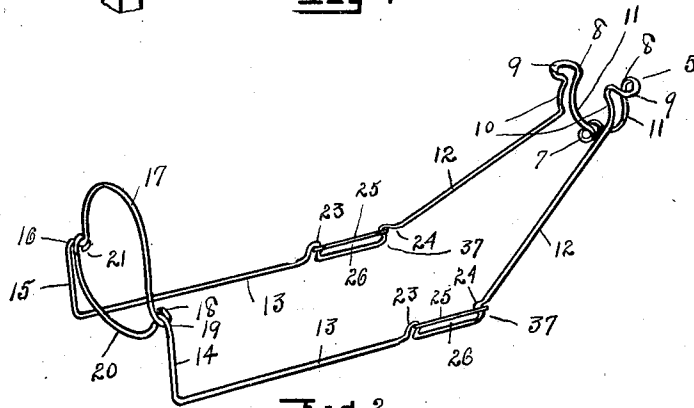
L. T. LA PAUGH.  
 FRAME FOR NURSING BOTTLES.  
 APPLICATION FILED MAR. 22, 1920.

1,374,667.

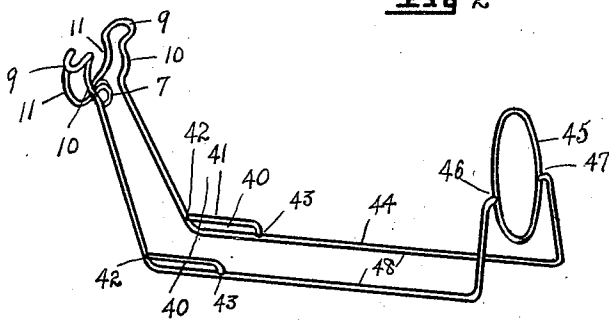
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**Fig 1**



**Fig 2**



**Fig 3**

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# UNITED STATES PATENT OFFICE.

LOUIE T. LA PAUGH, OF UTICA, NEW YORK, ASSIGNOR OF ONE-FOURTH TO JOSEPH W. SHEA AND ONE-FOURTH TO ELIZABETH C. SHEA, BOTH OF UTICA, NEW YORK.

## FRAME FOR NURSING-BOTTLES.

1,374,667.

Specification of Letters Patent.

Patented Apr. 12, 1921.

Application filed March 22, 1920. Serial No. 367,664.

*To all whom it may concern:*

Be it known that I, LOUIE T. LA PAUGH, a citizen of the United States, residing at Utica, in the county of Oneida and State of New York, have invented certain new and useful Improvements in Frames for Nursing-Bottles, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to a frame for nursing bottles, and I declare the following to be a full, clear, concise and exact description thereof sufficient to enable anyone skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings in which like reference characters refer to like parts throughout the specification.

The object of the invention is to provide a frame for holding a nursing bottle in a removable manner. Furthermore, the frame is adapted to support the nipple end of said bottle normally in elevated position, whereby to prevent the contents of said bottle from dripping down upon the clothing of the infant or upon the bed covers. For this reason the frame holds the nursing bottle in such manner that the same will be rocked back automatically into normal position immediately the infant releases its hold on the nipple.

The object will appear by referring to the drawings in which:

Figure 1 is a perspective view of the frame, showing a nursing bottle supported thereby, and also of parts of a cradle in which the frame is located;

Fig. 2 is an enlarged perspective view of the frame for supporting a nursing bottle;

Fig. 3 is a perspective view, showing a modified form of the frame for holding the bottle.

Referring more particularly to the drawings, a nursing bottle is represented by —1— and has a nipple 2 attached to the mouth thereof. The bottle —1— is adapted to be held in a removable manner in the frame 3, which is made preferably of wire that is afterward enameled with some light tint, whereby to effect an attractive finish to the frame.

Said wire is bent to form a rest portion 5 for the neck of the bottle —1—. The neck portion 5 embodies a bending of the wire to make it conform to the cylindrical shape of

the neck 6 of the bottle —1— and is coiled at 7, whereby to form a spring that will tend to hold in a yielding manner the upper parts 8—8 of the neck portion 5 in given position.

The upper parts 8—8 are turned over to form finger grips 9 that will not only aid in centering the neck 6 of the bottle —1—, when inserting the same in portion 5, but also be useful as a finger rest in spreading the parts 8—8 for the withdrawal of the neck 6.

The wire is bent at 10—10 to parallel the sides 11—11 for a short distance and then diverges downward on either side at 12—12 to the horizontal parts 13—13 with which parts the sides 12 form an angle. Said horizontal parts 13 are bent upward substantially at right angles at 14 and 15 respectively and form standards for the frame. Part 15 is shouldered at 16 and continues on in substantially the arc of a semicircle at 17. The end 18, however, is twisted about a shoulder at 19 and thus fastened.

Part 14 is bent to form a shoulder at 19, as just stated and, then, continues on in the arc of a semicircle at 20. The free end 21 is twisted about the shoulder 16 and thus fastened.

The arc 17 is much deeper than the arc 20. Moreover, the lowermost part of the arc 20 is located above the plane of the horizontal parts 13—13, whereby the end of the nursing bottle —1— will be held elevated somewhat.

The frame is adapted to be attached to a strap or tape 22 and, for this purpose, the horizontal parts 13—13 adjacent the parts 12—12 are bent to form reëntrant angles or rests 23—23. Also the parts 12—12 are bent to form reëntrant angles or rests at 24—24. Wires 25—25 having their free ends twisted about the adjacent wire of said rests 23 and 24 respectively are used to form guide ways at 26—26 for the insertion therethrough of a tape or strap 22. It will be noted that the formation of the bent portions 23 and 24 are disposed at such an angle, in each instance, that the shortest distance between said rest portions is at the location where the wires 25 are joined together, in order to hold said wires 25 in given position and to prevent them from slipping downward. Furthermore, the extreme ends of said wires 25 terminate on the inside of the frame, whereby to avoid any rough

edges likely to catch the fingers of a person. The tape 22 which is passed through the guide ways 26—26 is fastened ordinarily with its free ends about the vertical bars 27—27 of a cradle. Safety pins 28—28 are employed to secure said ends.

The horizontal parts 13—13 of the frame will rest upon the bed covers 29. The bottle —1— can be mounted to said frame by slipping the end 31 of the bottle —1— through the parts 17 and 20 and then spreading the neck portion 5 by the aid of the finger grips 9—9, whereby to insert the corresponding part of the bottle —1—. The sides 10 of the frame will lie against the shoulder 35 of the bottle —1— and the sides 11 will lie adjacent the bead 36 on the open end of said bottle —1—, when mounted, whereby to hold the bottle from moving longitudinally in said frame. The bottle —1— can be removed by spreading, with the fingers, the grips 9, detaching the neck 6 and then withdrawing the end 31 from the arc shaped parts 17 and 20.

The frame is adapted to hold the bottle —1— at an angle with the nipple 2 elevated slightly. However, the frame, with the bottle —1— therein, can be rocked into the dotted line position, as shown in Fig. 1 by the infant when it wishes to feed therefrom. The points 37—37 of the frame will act as a fulcrum, in this instance. Immediately, the infant releases its hold on the nipple 2, the frame with the bottle —1— therein will rock automatically back again into the full line position in Fig. 1, whereby to elevate the nipple 2, and, thereby, prevent its contents from dripping down upon the clothing of the infant or upon the bed covers, thus avoiding the constant attention of a nurse.

The tape 22 is useful in holding the frame always in readiness to receive the bottle —1—. It also prevents the infant from throwing the bottle from the cradle. The frame can be shifted from side to side of the cradle along the tape 22 to any position desired for feeding the infant.

Fig. 3 shows a modification of the frame which embodies the same general shape of the former, although with certain parts thereof assembled in a different manner. The guide ways 40 are made by welding pieces of wire 41 at 42 and 43 to the wire 44 of the frame. The ring 45 is made of a single piece of wire with its free ends welded together and the ring itself welded at 46 and 47 to the wire 44 of the frame in such manner that the greater part of the loop of the ring will be located above the points 46 and 47, whereby to hold the contiguous part of the bottle —1—, when held by said frame, above the plane of the horizontal parts 48—48 thereof.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

In a frame for nursing bottles, a yielding neck portion adapted to detachably engage the neck of a bottle, a circular portion for supporting the body of said bottle, horizontal portions for holding said bottle elevated, guideways formed in said horizontal portions for the insertion of a tape, and adapted to form a fulcrum, whereby the bottle will tilt automatically into such position as will keep the nipple of the bottle elevated.

In testimony whereof I have affixed my signature.

LOUIE T. LA PAUGH.