J. C. PHILLIPS.

NURSING BOTTLE HOLDER.

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1,422,223.

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Fig. 1.

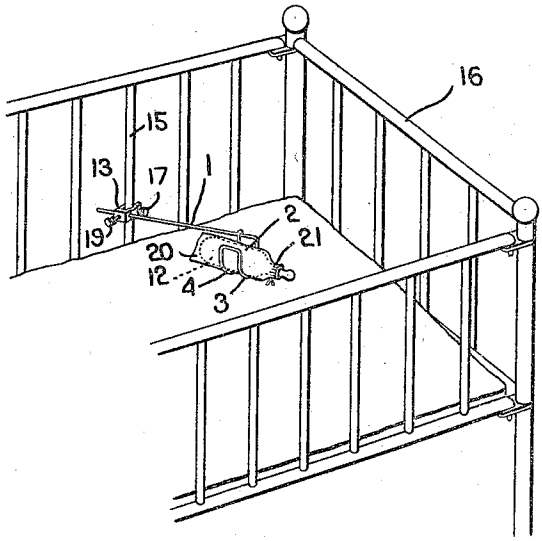


Fig. 2.

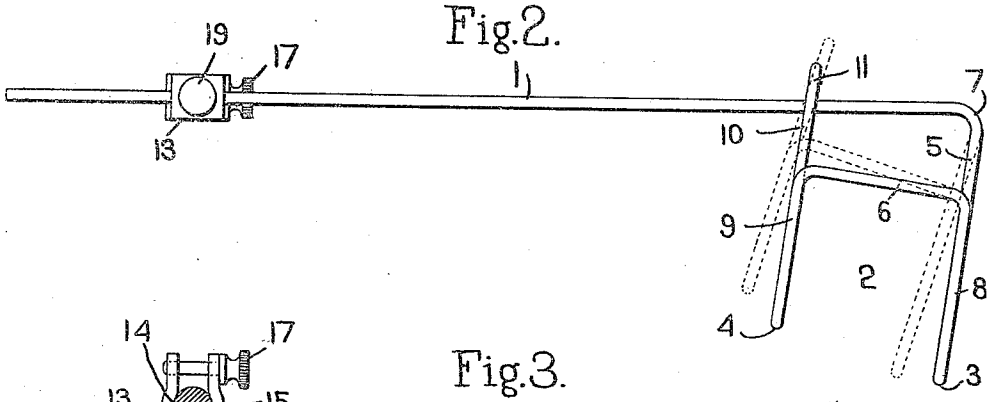
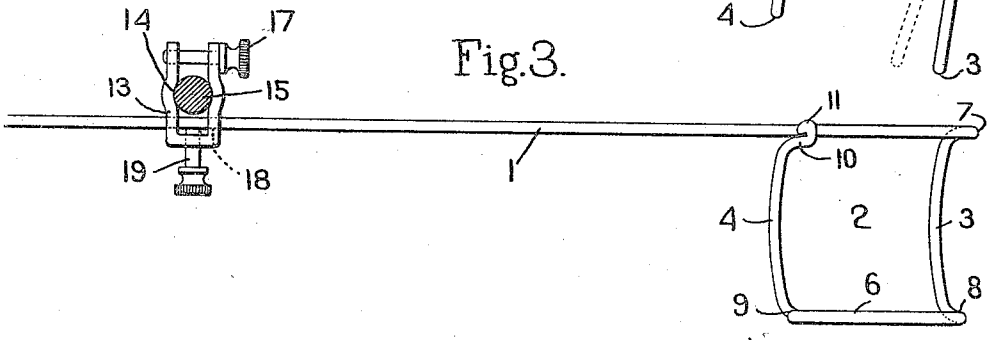


Fig. 3.



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UNITED STATES PATENT OFFICE.

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NURSING-BOTTLE HOLDER.

1,422,223. Specification of Letters Patent. Patented July 11, 1922.

Application filed June 6, 1921. Serial No. 475,561.

To all whom it may concern:

Be it known that I, JOAN C. PHILLIPS, a citizen of the United States, and resident of Wellesley Hills, county of Norfolk, State of Massachusetts, have invented an Improvement in Nursing-Bottle Holders, of which the following description, in connection with the accompanying drawing, is a specification, like characters on the drawing representing like parts.

This invention relates to a device for supporting and holding a nursing bottle, which can be readily attached to a crib, cradle, baby carriage, chair and the like, and which will effectively hold the nursing bottle in a position for conveniently feeding an infant.

An object of the invention is to provide a nursing bottle holder which is simple in construction and can be inexpensively manufactured, but which is so constructed that it will securely hold the nursing bottle and can be adjusted so as to support the nursing bottle in the most convenient position for use.

In order to give an understanding of the invention I have illustrated in the drawings a selected embodiment thereof which will now be described after which the novel features will be pointed out in the appended claim.

Fig. 1 is a perspective view showing my improved nursing bottle holder in operation.

Fig. 2 is a side view of the holder.

Fig. 3 is a plan view.

My improved nursing bottle holder is preferably made from a single length of wire, one portion of which forms a stem that is adapted to be adjustably secured to a clamping device by which the bottle holder is clamped to a crib, carriage, chair or other support and one end of which is bent to form a bottle-holding portion of a novel construction.

The stem portion of the device is indicated at 1 and the bottle-holding portion at 2. This bottle-holding portion is formed by bending the wire to form the two U-shaped bottle-supporting portions 3 and 4 arranged in parallel relation and connected by the connecting portion 6, the wire from which the device is made being bent at 7 so that the bottle holding portions 3 and 4 stand in planes approximately at right angles to the stem 1.

In this construction one arm 5 of the bottle-supporting portion 3 is integrally connected with the stem 1 and the other arm 8 of said portion 3 is integrally connected to the connecting member 6. Said connecting member 6 is also integrally connected with one arm 9 of the U-shaped bottle supporting portion 4. The other arm 10 of said bottle-supporting portion 4 is free and disconnected from the stem. The end of the arm 10 is preferably bent back on itself as shown at 11 so as to make a finished end and also to provide a stop shoulder. The bottle-supporting portion 2 is so shaped that the stem 1 lies outside of the arm 10 but in close proximity thereto.

These bottle-supporting portions 3 and 4 thus make a cradle in which a nursing bottle 12 may be supported and since the two bottle-supporting portions 3 and 4 are separated from each other it will follow that the bottle will be supported at two points along its length thus giving a much better support than if the bottle were supported on one point only.

For securing the device to a crib, carriage, chair or other support I have employed a clamping member 13 which is provided with an opening or notch 14 adapted to receive one of the uprights 15 of a crib 16 or to receive an upright in a chair or some part of a baby carriage. The clamp is adjustably secured to the supporting member 15 by means of a clamping screw 17. The stem 1 extends through an opening 18 formed in the clamping member 13 and is held in adjusted position by a clamping screw 19.

This manner of supporting the holder allows it to be adjusted in a horizontal plane by turning the clamping member about the vertical support 15 and further adjustment is provided by adjusting the stem in the clamping member.

The holder is made so that it can be readily bent at about the point 7 and will retain the shape into which it is bent. The purpose of this construction is to provide for further adjustment of the bottle-holding portion. If, for instance, it is desired to tilt the bottle up so that the nipple will be lower than the bottom, the wire of which the bottle-holding portion is formed may be bent at 7 so that the bottle-holding portions 3, 4 form an acute angle with the stem 1 and this angle can be varied by bending the wire at the point 7 more or less as shown at the dotted line Fig. 2.

With this construction, therefore, it is possible to readily adjust the holder so as

to locate the bottle in any desired position and at any desired angle.

I have herein shown the bottle as enclosed in a cloth covering 20 which is in the form of a bag having a draw string at the neck so that it can be closed about the neck of the bottle as shown at 21. The use of this cloth envelope is desirable because the cloth adds to the firmness with which the bottle is held.

The stem 1 is resilient or flexible so that the position of the bottle can be easily shifted by the infant to bring the bottle into a position most convenient for feeding. This flexibility or resilient nature of the stem is quite an advantage because it enables the infant to retain his hold on the nipple even though he shifts his position more or less.

In using the device it will frequently be found convenient to leave the clamping member clamped to the upright 15 and to remove the stem from the clamping member when the device is not in use and to replace it in the clamping member when it is to be used again.

Since the bottle-holding member is formed of a single piece of wire bent into the desired shape, it is free from joints, shoulders or crevices in which dirt or foreign substance can collect and therefore my device is an extremely sanitary device.

It will be observed that my invention is extremely simple in construction and therefore can be inexpensively manufactured, yet nevertheless it provides a holder which will securely hold the bottle but which is flexible so as to be readily adapted to different positions of the infant.

While I have illustrated herein a selected embodiment of my invention I do not wish to be limited to the constructional features shown.

I claim:

A nursing bottle holder made from a length of wire, one portion of which constitutes a stem, said wire being bent to form a U-shaped bottle-holding portion having one arm integrally connected with the stem, a bridge portion extending rearwardly from the other arm of said bottle-holding portion substantially parallel to the stem, and a second U-shaped bottle-holding portion at the end of the bridge portion, the two bottle-holding portions being in parallel relation, the free end of said last mentioned U-shaped portion having a hook or stop formed thereon adapted to contact with the stem.

In testimony whereof, I have signed my name to this specification.

JOAN C. PHILLIPS.