

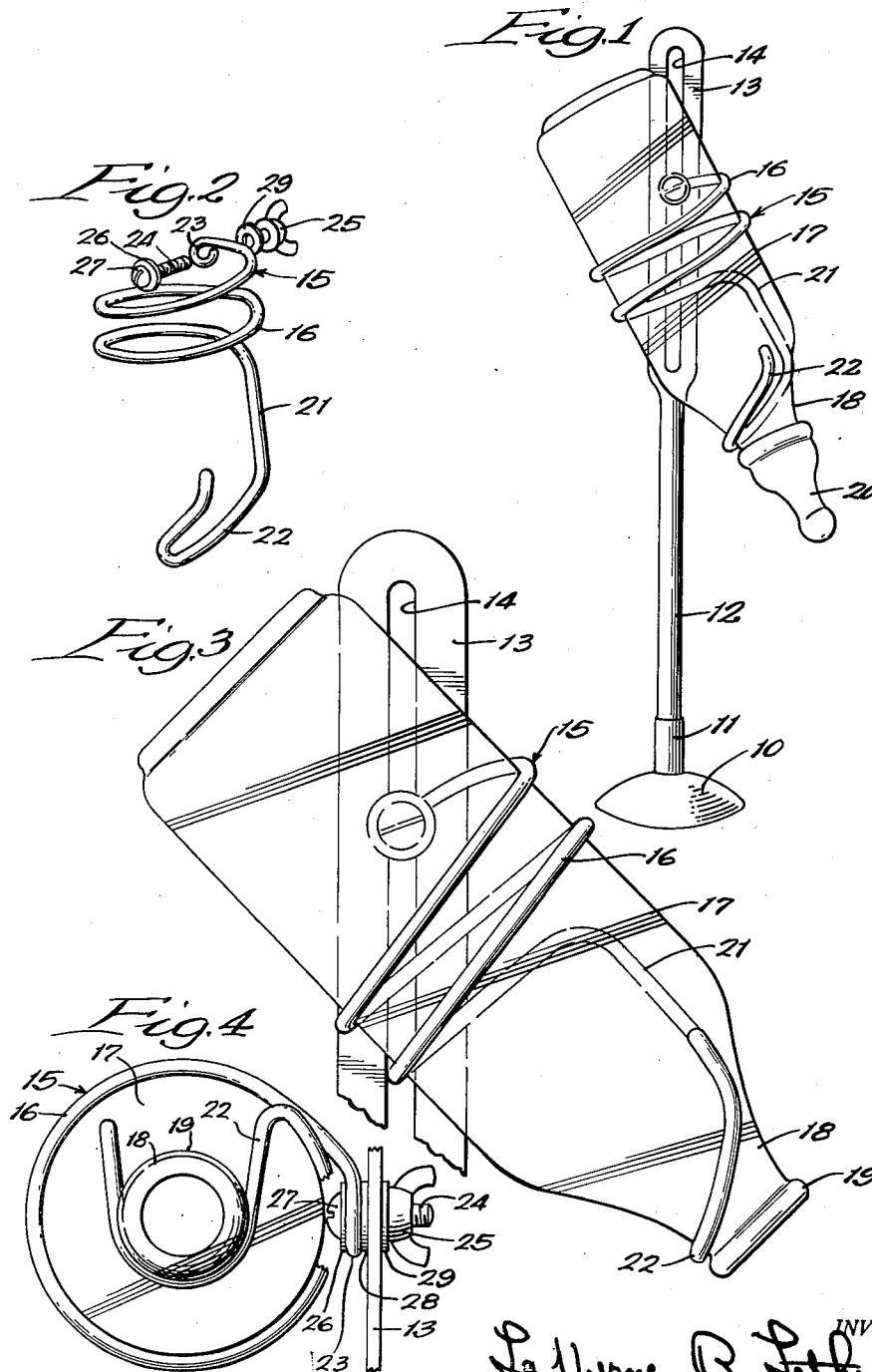
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LA VERNE B. LATHROP

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NURSING BOTTLE SUPPORT

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INVENTOR:
La Verne B. Lathrop

BY *Rosen, Ows, Barth & Spangenberg*
ATTORNEYS.

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NURSING BOTTLE SUPPORT

La Verne B. Lathrop, Dundee, Ill.

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2 Claims. (Cl. 248-105)

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This invention relates to a nursing bottle support and more particularly to means for supporting a nursing bottle in a position accessible to the baby when sitting in a chair, etc. and permitting the baby to grasp and pull the same.

It is well-known that a baby when drinking from a nursing bottle tends to pull the bottle for the most part toward him and in any event is constantly moving the bottle. In providing a support for the bottle there is a problem in that if the bottle is drawn to a position too close to the baby, the nipple will strike the baby when he is not drinking from the bottle and will tend to discharge drops of milk or other liquid from the bottle upon the baby and his clothing.

An object of the present invention is to provide a sturdy support for a nursing bottle which maintains the bottle in a desired position relative to the baby while permitting the bottle to be drawn by the baby toward him and at the same time retracting the bottle slightly when the baby has released the bottle. Yet another object is to provide a support of simple structure which may be firmly secured to a baby chair or table so that when the baby is sitting up the bottle is supported at a convenient position so that he can feed himself. A still further object is to provide an adjustable nursing bottle support through the use of a coil of wire which tightens about the bottle to grip it as the bottle is drawn toward the baby while withdrawing the bottle slightly from the infant when the same is released by the baby. Other specific objects and advantages will appear as the specification proceeds.

The invention is illustrated in a single embodiment by the accompanying drawing, in which—

Figure 1 is a side view in elevation of a nursing bottle support embodying my invention; Fig. 2, a perspective view of the coil spring and connecting means for securing the same upon the standard of the support, the parts being shown in separated relation; Fig. 3, a broken enlarged view in elevation of the nursing bottle carried by the support standard; and Fig. 4, a broken top plan view, the bottle being moved to bring the neck thereof uppermost and in a vertical plane.

In the illustration given, 10 designates a suction cup equipped with a sleeve 11 which receives a standard 12. The standard 12, in the illustration given, is provided with a flat upper portion 13 having a longitudinal slot 14 therein.

Supported upon the upper portion of the standard 12 is a spring 15 having a central coiled portion 16 adapted to receive a nursing bottle 17. The bottle may be provided with the usual neck

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portion 18 and bead 19, and a nipple 20 may be received about the bead 19.

The spring coil member 15 is provided with a forwardly-extending portion 21 terminating in a U-shaped clamp portion 22. While the portion 22 may, if desired, be in the form of a ring for engaging the bottle neck 18, I prefer to have this portion substantially U-shaped and with an open upper end to facilitate the insertion of the bottle neck therein.

The inner portion of the spring coil 15 terminates in a loop 23 adapted to receive a screw 24 which extends through the slot 14 of standard 13 and engages at its outer end a wing nut 25. A washer 26 may be interposed between the spring loop 23 and the head 27 of screw 24. A washer 28 may be interposed between the spring loop 23 and the flattened standard portion 13, as shown more clearly in Fig. 4. Similarly a washer 29 may be interposed between the wing nut 25 and the standard portion 13.

Operation

In the operation of the device, the suction cup 10 which may be formed of rubber or other resilient material is pressed downwardly to flatten the same upon the tray of a nursery chair or upon the table or other surface adjacent the baby. The wing nut 25 is loosened so as to move the screw 24 and the spring 15 carried thereby to a desired height on the support portion 13. The bottle provided with the nipple may be inserted through the coils 16 and the neck portion of the bottle is pressed within the U-shaped clamping portion 22 of the spring 15. The wing nut is tightened when the bottle is supported at the desired height and preferably at a portion where the nipple is slightly away from the baby but within his easy reach. As the baby drinks from the bottle, he usually grasps the bottle and draws it toward him. The spring support shown permits the downward movement of the bottle and in fact movement to any desired angle while at the same time the coils of the spring then tighten around the bottle and thus prevent its dislodgment. Upon release of the bottle by the baby, the spring coil brings the bottle slightly away from the baby so that it does not rub against the baby or his clothes when the baby is moving in his chair, etc. In addition to the yielding support provided by the coil support 15, the suction cup 10 permits a slight yielding while the baby is moving the bottle but quickly restores the bottle to its desired position when the bottle

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or spring 15 of standard 12 is released by the baby.

The U-shaped end 22 of the spring may be bent or otherwise formed to fit either the large neck bottle or the small neck type, as desired.

While in the foregoing specification, I have set forth a specific structure in considerable detail for the purpose of illustrating an embodiment of my invention, it will be understood that such details of structure may be varied widely by those skilled in the art without departing from the spirit of my invention.

I claim:

1. In a nursing bottle support, a suction cup having projecting upwardly from the top surface thereof an integrally formed flexible collar, a standard secured to the upper end of said collar so as to be supported thereby normally perpendicular to the surface receiving said suction cup, said collar being adapted to permit said standard to be displaced from said normally perpendicular alignment during the use of said support, whereby said standard can yield to follow the movements of the baby during nursing while returning to its normal position after the baby has ceased exerting a force thereon, and a spring equipped with spaced coils adapted to receive a nursing bottle and having its inner end provided with a loop secured to said standard by adjustable clamping means extending through said loop.

2. A nursing bottle support adapted to follow the movements of a baby during the feeding thereof while also being operable to restore the supported bottle to a predetermined position

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upon release of the bottle by the baby, comprising a suction cup equipped with a flexible and resilient collar normally perpendicular to a surface receiving the suction cup while being yieldable to follow the baby's movements, a standard carried by said collar in substantial axial alignment therewith, said standard having a slotted upper portion, a spring member having a plurality of coils adapted to receive the body of a nursing bottle and having a forwardly-extending portion terminating in a U-shaped clamp engageable with the neck of a nursing bottle, said spring member being provided at its opposite end with a ring, and an adjustable clamping means having portions extending through said ring and slot for adjustably supporting said spring upon said standard.

LA VERNE B. LATHROP.

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