May 16, 1944. N. S. PHIPPS 2,349,054

NURSING BOTTLE HOLDER

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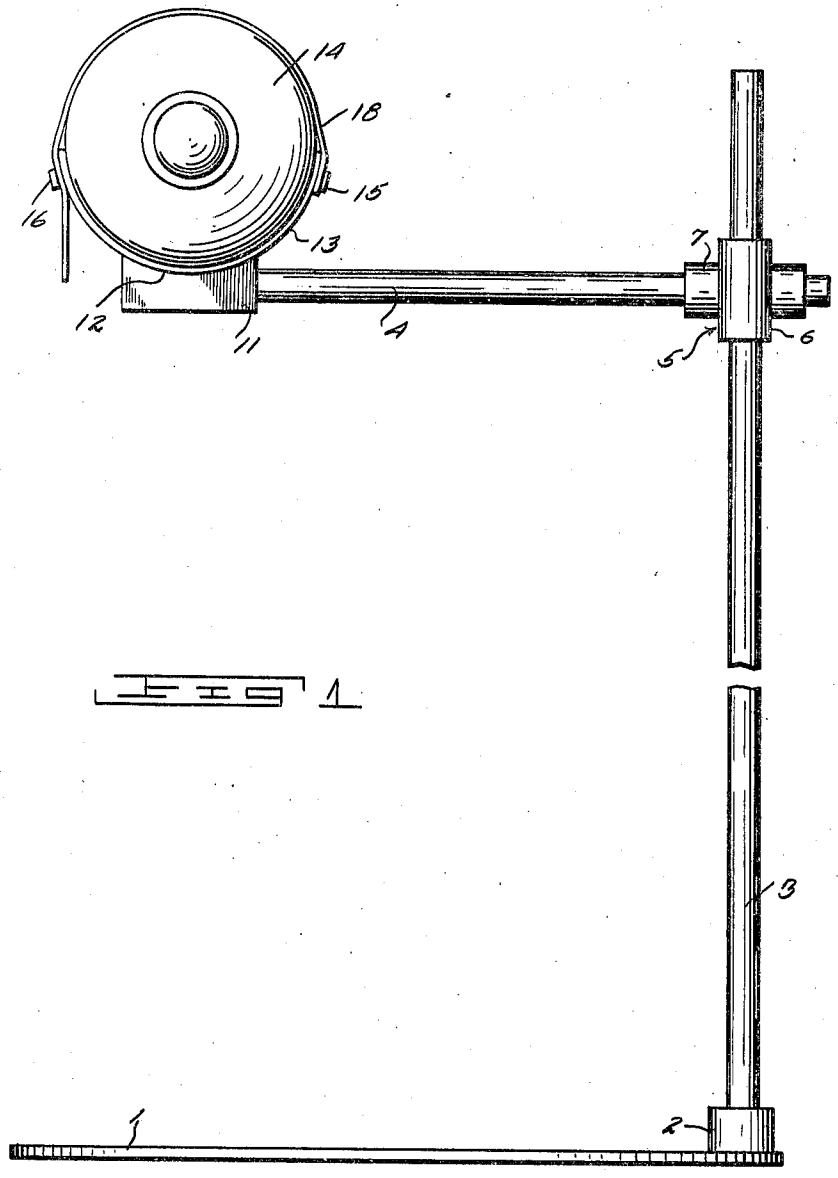


Fig 1

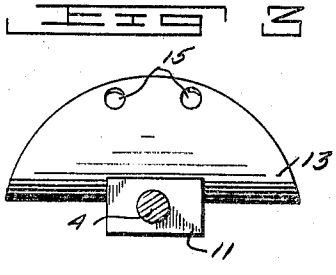


Fig 2

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FIG 2.

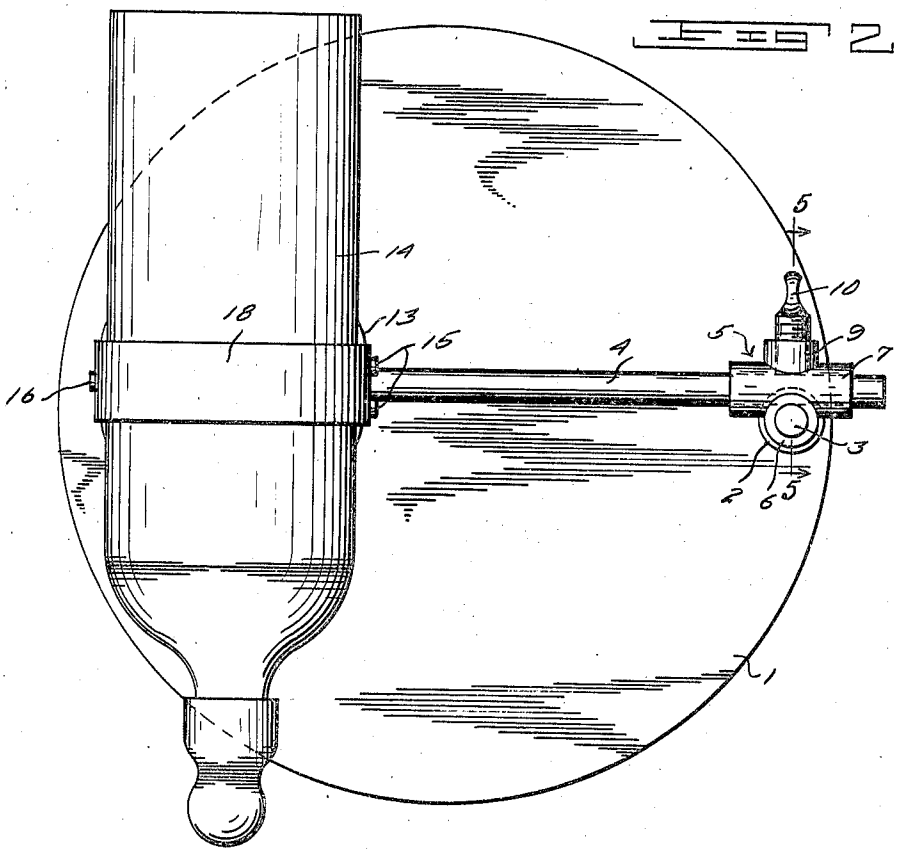


FIG 3.

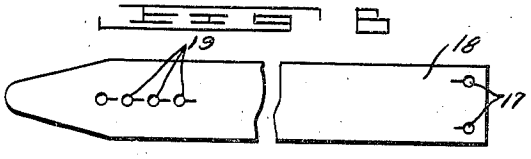


FIG 4.

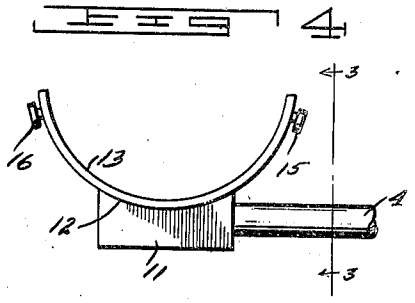
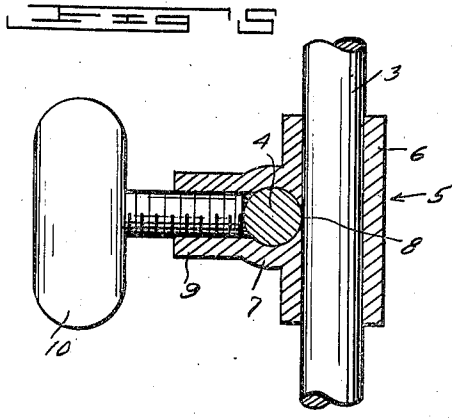


FIG 5.



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NURSING BOTTLE HOLDER

Nelson S. Phipps, Leicester, Mass.

Application November 21, 1942, Serial No. 466,448

2 Claims. (Cl. 248—106)

The present invention relates to new and useful improvements in nursing bottle holders, and has for one of its important objects to provide, in a manner as hereinafter set forth, a device of this character which is adapted to accommodate various types and sizes of bottles.

Another very important object of the invention is to provide a holder of the aforementioned character which is adapted to be expeditiously adjusted in a manner to support the bottle in any desired position.

Other objects of the invention are to provide a nursing bottle holder of the character described which will be comparatively simple in construction, strong, durable, highly efficient and reliable in use, compact, and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawings wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is an elevational view of a nursing bottle holder constructed in accordance with the present invention, showing the device in use.

Figure 2 is a top plan view.

Figure 3 is a detail view in cross section, taken substantially on the line 3—3 of Figure 4.

Figure 4 is a detail view in elevation of the bottle receiving member.

Figure 5 is a view in vertical section through the support clamp, taken substantially on the line 5—5 of Figure 2.

Figure 6 is a plan view of the adjustable bottle securing strap.

Referring now to the drawings in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a circular base 1 of suitable material. Rising from the base 1, adjacent the periphery thereof, is a socket 2. A post 3 is fixed in the socket 2.

Projecting from the post 3 is an arm 4 in the form of a metallic rod of circular cross section. The arm 4 is mounted for universal adjustment on the post 3 through the medium of a clamp which is designated generally by reference numeral 5.

As illustrated to advantage in Figure 5 of the drawings, the clamp 5 includes integral vertical and horizontal sleeves 6 and 7 which communicate with each other at the points where they intersect, as at 8. The sleeve 6 is slidable and rotatable on the post 3 and the sleeve 7 rotatably and slidably accommodates the arm 4. Projecting laterally from the sleeve 7 is an integral, internally threaded neck 9. A thumb screw 10 is threaded into the neck 9 for engagement with the arm 4 for frictionally locking said arm in adjusted position in the sleeve 7 and, through said arm 4, for frictionally locking the sleeve 6 on the post 3.

Mounted on the free or outer end of the arm 4 is a block 11 having formed therein an arcuate recess 12. The recess 12 accommodates a cradle 13 of arcuate cross section which is rigidly secured in any suitable manner to the block 11. The cradle 13 is adapted to accommodate a conventional nursing bottle, as at 14.

Projecting from the inner side portion of the cradle 13 is a pair of studs 15. Projecting from the outer side portion of the cradle 13 is a single stud 16. The stud 15 are engaged in openings 17 which are provided therefor in a securing strap 18 for the bottle 14 for connecting one end of said strap to the cradle 13. The other end portion of the strap 18 has formed therein a longitudinal series of openings 19 in which the stud 16 is selectively engageable for adjustably connecting this end portion of said strap to the cradle 13. Thus, the adjustable strap 18 is adapted to accommodate different types and sizes of nursing bottles.

It is thought that the manner in which the device is used will be readily apparent from a consideration of the foregoing. Briefly, with one end portion of the strap 18 disconnected from the cradle 13, the nursing bottle 14 is positioned in said cradle. The strap 18 is then secured again at 16 for firmly holding the bottle in position. By simply loosening the single thumb screw 10, the clamp 5 may be rotatably or slidably adjusted on the post 3 and the arm 4 may be rotatably and slidably adjusted in said clamp for adjusting the bottle 14 to any desired position, after which the thumb screw 10 is again tightened. The base 1 is preferably inserted beneath a pad or the like on which the baby is resting.

It is believed that the many advantages of a nursing bottle holder constructed in accordance with the present invention will be readily understood, and although a preferred embodiment of the device is as illustrated and described, it is to be understood that changes in the details of construction and in the combination and arrangement of parts may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:

1. A nursing bottle holder comprising an arm, a block fixed on the free end of said arm, said block having an arcuate recess therein, an arcuate cradle forming bar mounted in the recess, said bar for the reception of a bottle, headed studs projecting from the end portions of the bar, and a strap, for securing the bottle in the bar, having one end portion engaged with the studs on one end of the bar for securing said strap thereto, the other end portion of the strap having a longitudinal series of openings therein, the other stud being engageable selectively in said openings.

2. A nursing bottle holder comprising a base, a post rising from said base, a clamp adjustably mounted on the post, said clamp including integral, intersecting vertical and horizontal sleeves communicating with each other at the points where they intersect, an internally threaded neck projecting from the horizontal sleeve, a thumb screw threadedly mounted in said neck, the vertical sleeve being rotatable and slidable on the post, an arm mounted for rotary and sliding adjustment in the horizontal sleeve, the thumb screw being engageable with the arm for frictionally securing said arm in adjusted position in the horizontal sleeve and for frictionally securing the clamp in adjusted position on the post, and means for mounting a nursing bottle on the arm.

NELSON S. PHIPPS.