Nov. 5, 1929. B. F. KAUFFMAN 1,734,522

NURSING BOTTLE HOLDER

Filed Sept. 21, 1927

Fig. 1.

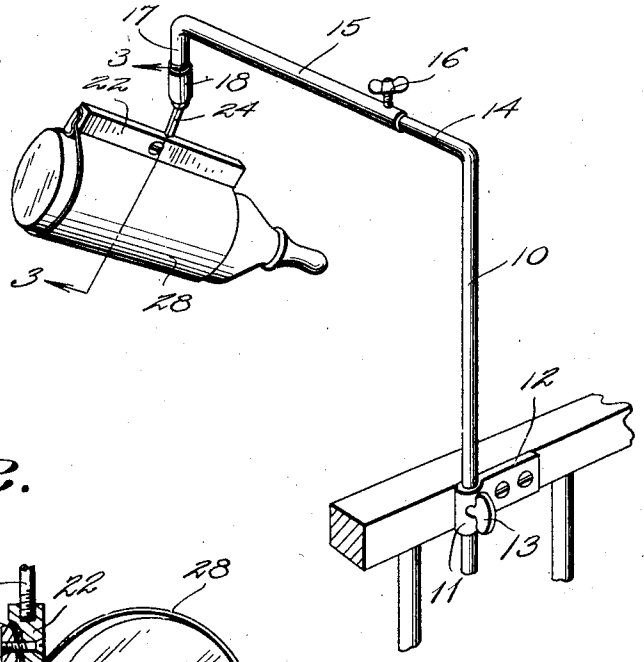


Fig. 2.

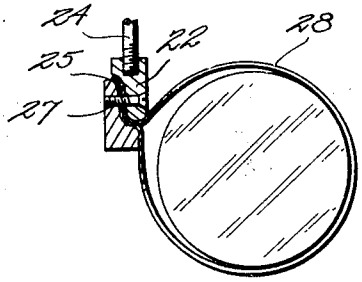
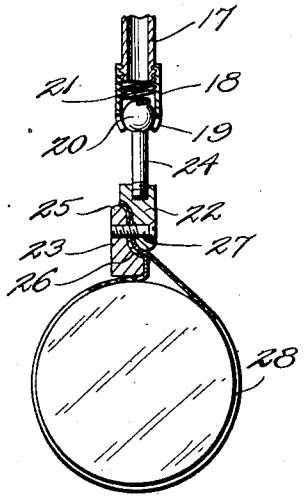


Fig. 3.



Byrd F. Kauffman

INVENTOR

BY Victor J Evans

ATTORNEY

R. E. Wise

WITNESS:

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UNITED STATES PATENT OFFICE

BYRD F. KAUFFMAN, OF DALLASTOWN, PENNSYLVANIA

NURSING-BOTTLE HOLDER

Application filed September 21, 1927. Serial No. 221,611.

This invention relates to holders for nursing bottles and the like to retain the same in a desired regulated position.

An object of the invention comprehends a gripping element for a bottle.

Another object contemplates a clamping member adapted to regulate the area of the gripping element.

A further object of the invention consists of adjustably mounted bar members to facilitate the supporting of the gripping element at a desired position.

An additional object of the invention embodies a swivel joint to permit tilting of the bottle whereby the contents thereof may be readily dispensed.

With the above and other objects in view, the invention further consists of the following novel features and details of construction, to be hereinafter more fully described, illustrated in the accompanying drawing and pointed out in the appended claims.

In the drawing:

Figure 1 is a perspective of the invention while in use.

Figure 2 is a transverse sectional view taken through the clamping member and gripping element.

Figure 3 is a sectional view taken on line 3—3 of Figure 1.

Referring to the drawing in detail, wherein like characters of reference denote corresponding parts, the reference character 10 indicates a standard adapted for reception within a sleeve member carried by an attaching plate 12 which may be suitably connected with a portion of a crib or carriage, as best illustrated in Figure 1 of the drawing.

A set screw 13 carried by the sleeve 11 is adapted for biting engagement with the standard 10 to hold the same at a desired height.

An offset arm 14 carried upon the upper end of the standard 10 is telescopically associated with a tubular member 15 which is also provided with a set screw or thumb adjusting screw 16 for lateral adjustment.

The opposed end of the tubular member 15 terminates to provide a depending portion 17 adapted for threaded connection with a nipple 18 which is in turn inwardly bent at the periphery thereof, as indicated at 19, to retain a ball member 20 therebetween. A compression spring 21 interposed between the ball member 20 and the adjacent end of the depending portion 17 of the tubular member 15 is adapted to restrict movement of the ball 20 when regulated as to tension by the threading of the nipple 18 upon said depending portion.

The clamping member, as mentioned in the foregoing, consists of complemental sections 22 and 23 respectively; the former having connection with the ball 20 through the instrumentality of a stub shaft 24.

The adjacent faces of the sections are provided with tongues 25 extended as continuations of curved enlargements 26 and which when adapted for interfitting engagement closely resemble that of an oblong strip in cross section. An adjusting screw 27 being passed through the tongues of the sections to suitably clamp and anchor the extremities of a gripping element 28, preferably formed of a length of fabric to frictionally engage a bottle in the manner as best illustrated in Figure 1 of the drawing.

From an inspection of the last mentioned figure the device may be regulated as to height when the standard 10 is slided within a sleeve members 11 and held in an adjusted position by the set screw 13. Lateral adjustment may be effected through the offset extremity 14 of the standard and the tubular member 15, while universal adjustment to the bottle per se may be executed through the swivel connection of the clamping members with the depending portion 17 of the tubular member.

Although I have shown and described the invention as being primarily adapted for use in the holding of nursing bottles and the like, it is to be understood that I do not limit myself to the embodiment of the invention shown but that the device may be effectively employed for holding test tubes and other vials for research work.

The invention is susceptible of various changes in its form, proportions and minor details of construction, and the right is herein reserved to make such changes as properly

fall within the scope of the appended claims.

Having thus described the invention, what is claimed is:—

1. A bottle holder comprising an adjustably mounted standard having an offset extremity upon the upper end thereof, a tubular member telescopically associated for lateral adjustment upon the offset extremity of the standard, a depending portion carried upon the opposed end of the tubular member having connection with a nipple, a ball member provided with a stub shaft having universal connection between the nipple and depending portion, a clamping member carried by the shaft, and a bottle gripping element adjustably connected with the clamping member.

2. A bottle holder comprising an adjustably mounted standard having an offset extremity upon the upper end thereof, a tubular member telescopically associated for lateral adjustment upon the offset extremity of the standard, a depending portion carried upon the opposed end of the tubular member having connection with a nipple, a ball member provided with a stub shaft having universal connection between the nipple and depending portion, a clamping member composed of complemental sections having connection with the stub shaft, a bottle gripping element, and the ends thereof adjustably held between the adjacent faces of said sections.

3. A bottle holder comprising an adjustably mounted standard having an offset extremity upon the upper end thereof, a tubular member telescopically associated for lateral adjustment upon the offset extremity of the standard, a depending portion carried upon the opposed end of the tubular member having connection with a nipple, a ball member provided with a stub shaft having universal connection between the nipple and depending portion, a clamping member composed of complemental sections, tongues and enlarged portions forming the interfitting faces of the sections as suspended from the stub shaft, and a bottle gripping element consisting of a strip having the extremities thereof frictionally engaged between the interfitting faces of the sections of the gripping element.

In testimony whereof I affix my signature.

BYRD F. KAUFFMAN.