K. S. GUITERMAN.

NURSING BOTTLE HOLDER.

APPLICATION FILED JULY 28, 1917.

1,281,948. Patented Oct. 15, 1918.

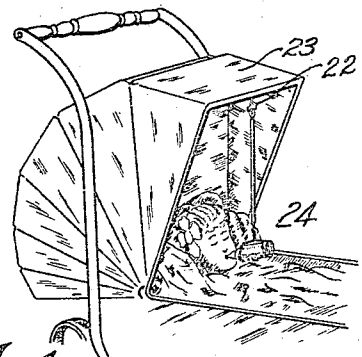


Fig. 1.

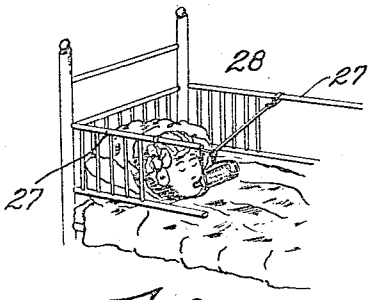


Fig. 2.

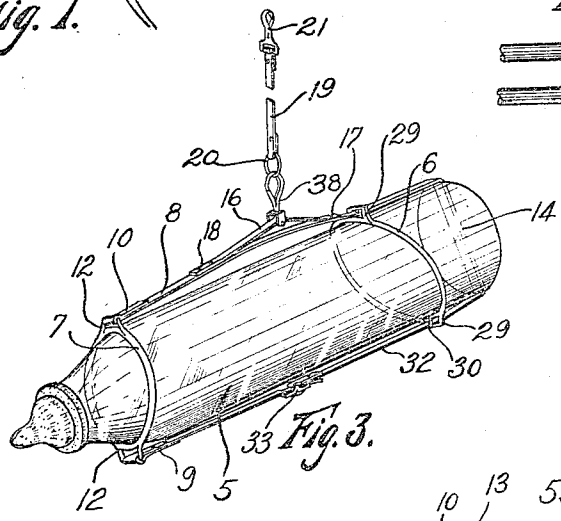


Fig. 3.

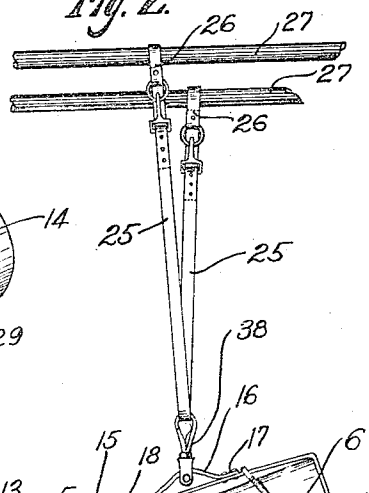


Fig. 4.

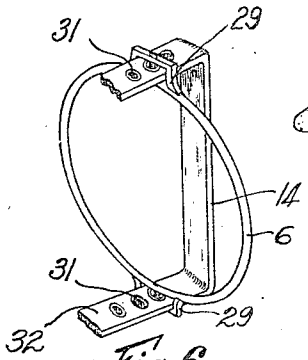


Fig. 6.

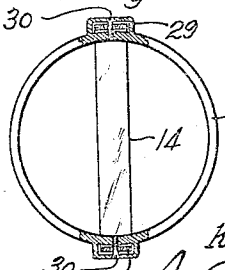


Fig. 5.

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NURSING-BOTTLE HOLDER.

1,281,948. Specification of Letters Patent. Patented Oct. 15, 1918.

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To all whom it may concern:

Be it known that I, KENNETH S. GUITERMAN, a citizen of the United States, residing at the city and county of Denver and State of Colorado, have invented certain new and useful Improvements in Nursing-Bottle Holders; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in holders or supports for nursing bottles when in use, and whereby the bottle is supported in the properly tilted position for use by the child while taking nourishment therefrom. The importance of a device of this character will be readily understood, since children of the age requiring an article of this kind, are usually too small to be able to hold the bottle themselves; hence, the necessity, or at least the advantage, of a device of the character stated.

The object of the invention is to provide a holder of this character which shall be simple in construction, economical in cost, reliable, durable and efficient in use. To be more specific, the device consists of a sort of harness for the bottle, the same being composed of a pair of rings or bands which surround the opposite extremities of the bottle and are connected on both sides by means of a strap which is adjustable as to its length and for the purpose of maintaining the rings or bands in their proper relative positions. Connected with the strap on one side, being the uppermost side when the device is in use, is a means for suspending the bottle in the tilted position, the point of suspension being preferably somewhat in the rear of the center of gravity of the bottle in order that when the bottle is full for instance, it will assume the proper inclined or tilted position to accommodate the child and enable it to receive the entire contents of the bottle without manually changing the position of the latter when once adjusted. Furthermore, my improved device is readily attachable and detachable, as circumstances may require.

Having briefly outlined the invention, I will proceed to describe the same in detail, reference being made to the accompanying drawing in which is illustrated an embodiment thereof.

In this drawing:

Figure 1 is a perspective view showing the device in use in connection with a baby carriage and showing the bottle suspended from the top of the carriage.

Fig. 2 is a similar view showing the use of the device in connection with a child's crib or bed.

Fig. 3 is a detail view illustrating the holder applied to the bottle, the latter being positioned as in use in connection with a baby carriage and upon a larger scale than in Fig. 1.

Fig. 4 is a similar view showing the device in use with the child's crib or bed as in Fig. 2, but on a much larger scale.

Fig. 5 is a detail view partly in section, illustrating a manner of connecting one of the rings of the device with the strap.

Fig. 6 is a perspective view of the same.

The same reference characters indicate the same parts in all the views.

Let the numeral 5 designate a nursing bottle of any suitable or ordinary construction. My improved holder, as illustrated in the drawing, includes two rings 6 and 7 which are connected by means of a strap 8. The ring 7 surrounds the smaller or nozzle extremity of the bottle just forward of the large portion of the latter, the ring being of such size that the large portion of the bottle will not pass therethrough and by virtue of which fact this ring cannot approach the ring 6 which surrounds the larger part of the bottle after the device is adjusted. This construction of the ring 7 with relation to the bottle is necessary, as will be readily understood. The opposite extremities of the strap 8 are secured to the ring 7, as shown at 9 and 10, the strap extremities, as illustrated in the drawing, being passed through open brackets 12 with which the ring is equipped and bent back upon the strap and riveted or secured in any suitable manner, as shown at 13. From the ring 7 the strap is passed longitudinally around the bottle and extends across the bottom thereof, as shown at 14. Its upper run 15 is provided with a short strap member 16 which is secured at its opposite extremities to the part 15 as shown at 17 and 18. With this short strap 16 is connected a snap hook 38 which is adapted to be connected with a suspension strap 19 by interlocking the snap hook with a ring 20 at-

tached to the lower extremity of the suspension strap, the upper extremity of the said strap having a snap hook 21 adapted to be connected with a screw-eye 22 attached to the top 23 of the baby carriage 24. Again, the snap hook 18 forms a runway for a suspension strap 25 whose opposite extremities are connected, as shown at 26, with the opposite top rails 27 of the child's bed or crib 28.

The ring 6 is equipped at diametrically opposite points with brackets 29 which are open to receive the opposite runs of the strap, the strap being secured at suitable points to the ring in any suitable manner, as by passing fastening screws 30 through openings 31 formed in the adjacent portions of the strap, the extremities of the screws being threaded into the body of the ring. It is evident that any means suitable other than screws may be employed for connecting the strap, chain or other flexible device with the ring 6. Hence, the construction is not limited to any specific fastening means. The lower run 32 of the strap is adjustable by means of a buckle 33 which is connected with the adjacent end of the strap in the usual manner, the latter being perforated for the purpose. This construction makes it practicable to properly adjust the holder upon the bottle, as will be readily understood.

While I have described the specific construction shown in the drawing, it must be understood that this is but one embodiment of the invention, and that the latter is not limited to the details set forth, as its scope is defined only by the appended claims.

From the foregoing description the use of the invention will be readily understood. When employed in connection with the baby buggy, as illustrated in Fig. 1, the suspension strap 19 must, of course, be adjustable in order to accommodate it to carriages having tops of varying height. When used in connection with a bed or crib, as shown in Fig. 2, the length of the strap 25 must, of course, be properly regulated in order to form the only support for the bottle, for the reasons stated in describing the use illustrated in Fig. 1.

In order to remove the device from the bottle it is only necessary to separate the strap where the buckle 33 is located, in which event the rings 6 and 7 may be readily slipped from the bottle. In order to attach it this operation is reversed and the strap properly adjusted where the buckle 33 is located. It should be explained that any desired form of rings or bands 6 and 7 may be employed, which is also true with reference to the manner of connecting the rings or bands with the strap with which they coöperate to form the bottle holder.

Having thus described my invention, what I claim is:

1. A nursing bottle holder comprising two rings and a strap, one ring being adapted to engage the neck of the bottle and the other ring being adapted to engage the other end of the bottle, the ends of the strap being immovably secured to opposite sides of the neck-engaging ring, the other ring having eyes on opposite sides, the intermediate portion of the strap passing through one of said eyes and extending therebeyond to form a loop adapted to engage and pass across the bottom of the bottle, and extending through the other eye.

2. A nursing bottle holder comprising two rings and a strap, one ring being adapted to engage the neck of the bottle and the other ring being adapted to engage the other end of the bottle, the ends of the strap being immovably secured to opposite sides of the neck-engaging ring, the other ring having eyes on opposite sides, the intermediate portion of the strap passing through one of said eyes and extending therebeyond to form a loop adapted to engage and pass across the bottom of the bottle, and extending through the other eye, and means connected to said strap to connect the device with a support.

3. A nursing bottle holder comprising two rings and a strap, said rings having eyes on opposite sides thereof, one ring being adapted to engage the neck of the bottle and the other ring being adapted to engage the other end of the bottle, one end of the strap being secured to one eye of the neck-engaging ring, the strap passing through one eye of the other ring and extending therebeyond to form a loop adapted to extend across and engage the bottom of the bottle, the strap then passing through the other eye of said other ring and having its other end secured to the other eye of said neck-engaging ring.

4. A nursing bottle holder comprising two rings and a strap, said rings having eyes on opposite sides thereof, one ring being adapted to engage the neck of the bottle and the other ring being adapted to engage the other end of the bottle, one end of the strap being secured to one eye of the neck-engaging ring, the strap passing through one eye of the other ring and extending therebeyond to form a loop adapted to extend across and engage the bottom of the bottle, the strap then passing through the other eye of said other ring and having its other end secured to the other eye of said neck-engaging ring and coöperating means on said other ring and said strap to maintain said ring in adjusted position on the strap.

In testimony whereof I affix my signature.

KENNETH S. GUITERMAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."