Aug. 28, 1962 R. MEAD 3,051,341

NURSING BOTTLE CAP

Filed July 31, 1959

Fig. 1.

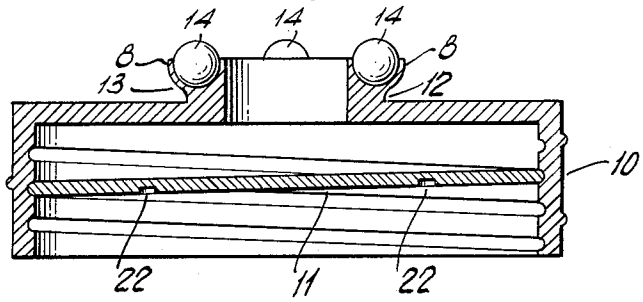


Fig. 2.

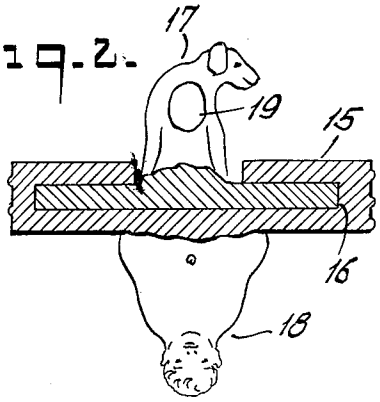


Fig. 3.

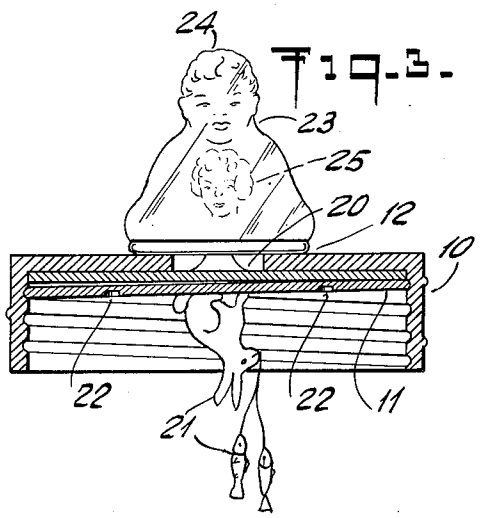


Fig. 4.

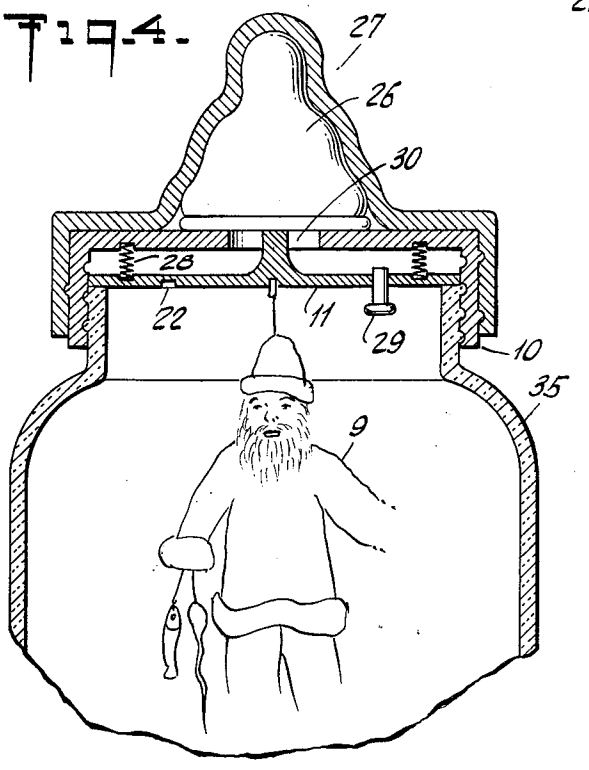
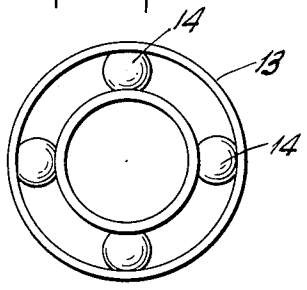


Fig. 5.



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NURSING BOTTLE CAP

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6 Claims. (Cl. 215—11)

This invention relates to improvements in retaining caps and their sealing discs, customarily used with nursing bottles and mason jars and containers of this type.

An object of this invention is to provide a retaining cap and its disc constructed and arranged to accommodate various types of life-like and legendary figures that may be used with and without bottles and jars and arranged in various ways to content and amuse infants.

Another object is that the device may be formed of any suitable material and in any suitable shape of form, and in part formed of figures representing life-like and legendary objects that may be squeezable, to produce funny and distorted actions, and hollow with transparent windows, and extended hollow chambers and resilient arrangements all for the contentment and amusement of infants.

Another object is that the device when free of the amusing attachments, may become mobile as in a wagon when rolled about up-side-down.

Another object is that the device may be removably connected to nursing bottles and other containers such as mason jars and the like, with the disc arranged between the bottle and the retaining cap with or without threads, and a spring and pin arrangement in between to carry the disc with the retaining cap as desired and a similar pin and spring arrangement to hold the disc resiliently to the retaining cap if desired.

Another object is that by turning and adjusting the protective cap it carries the retaining cap and disc which adjusts the arrangement of life-like figures in the bottle to various amusing movements.

Another object is that inflatable life-like figures may be arranged with or without the bottle and inflated by means of a valve in the disc for removably connecting life-like figures and legendary characters to one end of the valve the other end receives the air from squeezing the hollow figures, or it may be arranged to blow the air by mouth with an aperture arranged as desired with air vents arranged as desired.

Another object is to provide a protective cap to cover a figure that extends up through the retaining cap and a nipple when used and removably installed on the retaining cap, and formed and shaped to represent life-like or legendary figures, and both the life-like figures and the protective cap may have transparent windows to view the interior and, hollow chambers, with things therein or thereon to amuse a child.

Another object is that the protective cap may be used as a handle when the infant wishes to play or be amused with the amusing arrangement on the opposite side which may also be arranged in the hollow threaded part of the retaining cap.

Another object is that the disc may be formed and arranged with a hollow chamber to accommodate a figure having a flanged circular base, as shown in FIGURE 2.

Another object is that the rollers may be arranged in the top of the neck-like extension or bead-like element to aid in stretching life-like figures a nipple or any suitable figure on to the cap, and when retaining cap is placed up-side-down may be used like a wagon and rolled about with amusing things therein.

These and other objects, features and advantages of this invention will be manifest in the following detailed description and accompanying drawing of preferred embodiments thereof.

In the drawing, wherein corresponding parts are indicated by the same reference numerals.

FIGURE 1 is a vertical sectional view of the device showing the cap **10** having a tubular neck-like extension **12** with a bead-like element **13** surrounding said neck at the retaining top and having an arrangement or a series of globular plastic or metal rollers **14** in the top socket-like arrangement **8** to aid in connecting stretch on type life-like figures and showing the circular disc **11** with or without a life-like figure or without threads adjusted into the cap **10** to adjustably hold flanged type life-like figures and legendary figures which will extend up through the neck **12**. Numeral **15** in FIGURE 2, is the disc formed in one piece with a hollow chamber **16** to accommodate flanged type life-like figures **17** which may be formed for teething elements to be used with the bottle and cap or without, as desired. FIGURE 3 shows a hollow chamber **19** and life-like figure **18**. Numeral **20** shows a flanged life-like figure held in place with disc **11**. It also shows a life-like figure arrangement **21** removably connected to disc **11** and shows threaded holes **22** to connect other figure arrangements if desired. It also shows a stretch-on type figure **23** representing a baby's bust connected to neck **12**, and hollow chambers **24** and the transparent window **25** through which may be viewed figure **20** extending up through cap **10**. Numeral **26** in FIGURE 4 is a blind stretch on type nipple connected to neck **12** of retaining cap **10** and the protective cap **27** which is to be formed to represent a life-like or legendary figure and installed on retaining cap **10**, and it shows the pin and spring **28** and valve **29**, and the arrangement of life-like figures extending down into the bottle, said figures may be adjusted to various amusing movements by turning the cover **27** which carries the retaining cap **10** and disc **11** if desired, or the disc **11** may be adjusted as desired with a life-like figure handle formed thereon to carry and adjust the arrangement of figures extending into bottle **25**, and also shown is a portion of a life-like figure **30** formed on a disc and extending up through the retaining cap and into the nipple.

FIGURE 5 is a top plan view of the tubular neck-like extension **12** showing the rollers **14** and the bead-like element **13**. The bottles and jars or containers may be transparent, and with an arrangement of various type life-like figures imprinted or formed in various ways to amuse an infant.

Another object is that the disc can be formed with a hollow chamber to accommodate various type figures having a flanged base, and the neck-like extension on the top of the retaining cap can be formed on the said disc opposite the hollow chamber to accommodate stretch on type figures.

Another object is that the globular plastic or metal rollers in the top socket-like arrangement of the neck-like extension, of the retaining cap is to aid stretch-on type figures of various kinds, and to cause the retaining cap to be mobile, so when placed up-side-down it can be rolled about with amusing things removably connected to a disc therein. This form is mostly for large retaining caps for jars with extra large mouths.

What I claim is:

1. In combination with a bottle, a retaining cap removably and adjustably secured to said bottle, said cap having a tubular neck-like extension centrally formed in the top, including a bead-like element surrounding said extension at the top, and having a series of rollers arranged in the top of said extension, and having a revolvable and adjustable and removable circular disc arranged between said bottle and said cap, said disc having a life-like or legendary figure handle extending up through said cap, and including an arrangement of figures extending

down from said disc and into said bottle, to perform in various ways to amuse an infant, by adjusting said disc with said handle.

2. In combination according to claim 1, including a protective cap formed and shaped to represent an infant's bust having hollow chambers formed in the top thereof, said protective cap adapted to cover and protect a life-like or legendary figure extending up through the retaining cap or a nipple thereof when used, said protective cap removably installed on said retaining cap.

3. In combination with a transparent bottle, a retaining cap adjustably and removably secured to said bottle, said cap having a tubular neck-like extension centrally formed in the top, and including a bead-like element surrounding said extension at the top, and having a series of rollers arranged in said extension top, and including a revolvable and adjustable and removable circular disc arranged between the bottle and said cap, said disc formed with a hollow chamber to accommodate a life-like or legendary figure handle having a circular flanged elastic base, said handle extending up through said cap, said disc having formed on the opposite side an arrangement of figures extending down from said disc and into said bottle to perform in various ways to amuse an infant by adjusting said disc with said handle.

4. In combination according to claim 3, including a cover formed to represent an infant's bust, for adjustably and removably connecting to the external threads on the

retaining cap, to cover and protect the life-like or legendary figure handle extending up through the retaining cap.

5. In combination with a jar, a retaining cap adjustably and removably secured to said jar, said cap having a tubular neck-like extension centrally formed in the top, and having a bead-like element surrounding said extension at the top thereof, and including a series of rollers arranged in said extension top thereof, and having a revolvable, adjustable and removable circular disc arranged between said jar and said retaining cap, said disc having arranged on one side a removably connected life-like or legendary figure extending up through said retaining cap, said disc having formed on the opposite side a life-like or legendary figure extending downward and into said jar.

6. In combination according to claim 5, including a protective cap formed and shaped to represent a life-like or legendary figure having hollow chambers formed and arranged in the top thereof, said protective cap for covering and protecting a figure extending up through the retaining cap, said protective cap removably installed on said retaining cap.

References Cited in the file of this patent

UNITED STATES PATENTS

2,744,646 Blackstone ---------- May 8, 1956

FOREIGN PATENTS

478,657 Italy ---------- Feb. 28, 1953