Aug. 21, 1956 G. GAUTHIER 2,759,617

CONTAINER FOR A BABY'S BOTTLE

Filed Oct. 18, 1955

FIG. 1.

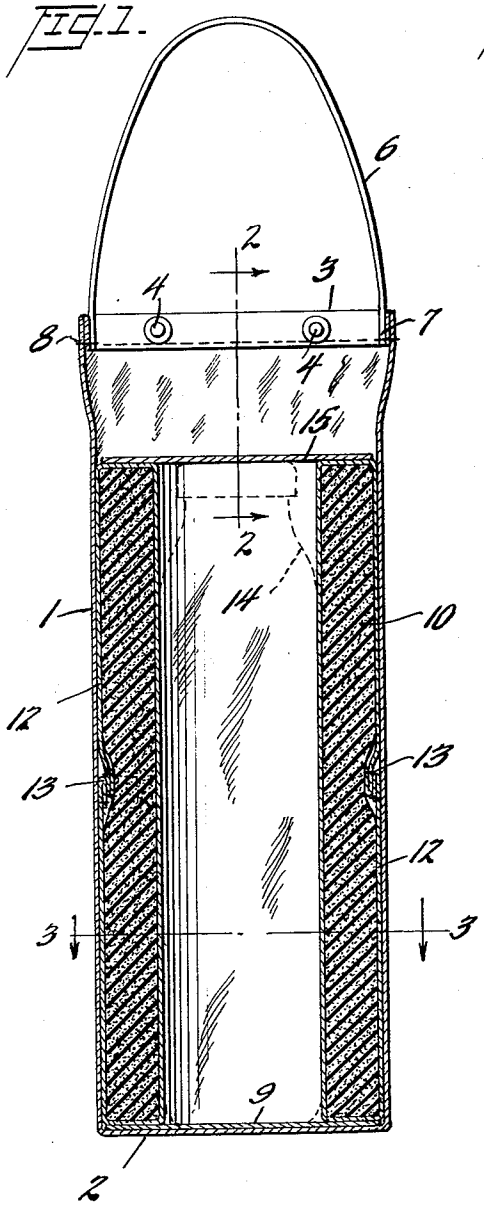


FIG. 2.

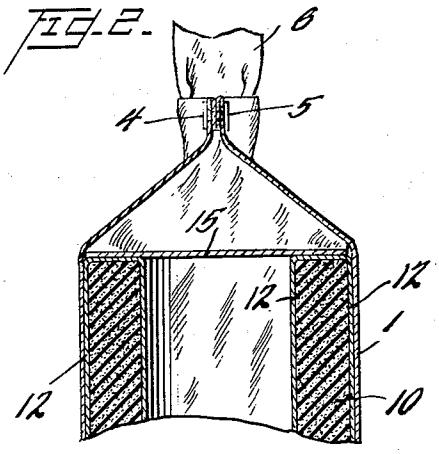


FIG. 3.

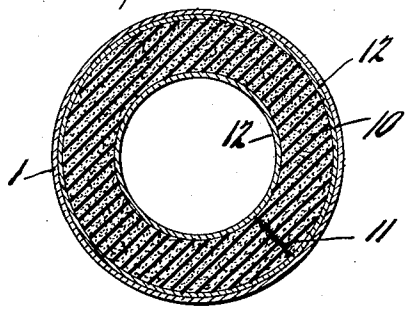
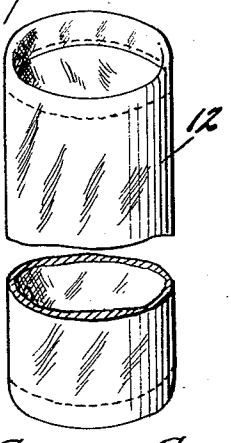


FIG. 4.



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CONTAINER FOR A BABY'S BOTTLE

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1 Claim. (Cl. 215—13)

My invention relates to new and useful improvements in a carrier or container for a baby's bottle.

One of the objects of the invention is to provide a carrier or container that is extremely light in weight, sanitary, and cheap to manufacture.

Another object of the invention is to provide a container that is not only light in weight and will keep the contents of the bottle (that is, the baby's formula) warm for three or four hours; but will also protect the bottle from breakage if it is knocked or thrown around in an automobile, or banged against any article.

Still another object of the invention is to provide a container that may be kept in a sanitary condition, inasmuch as within and outside the rubber insulator there is a nylon cloth lining or covering that may be quickly and readily removed and laundered in case any milk, or any of the formula or contents of the bottle, should spill from the bottle on the nylon cover.

With these and other objects in view, the invention consists in certain new and novel arrangements and combination of parts, as will hereinafter be more fully described and pointed out in the claim.

Referring now to the drawings, showing a preferred embodiment,

Fig. 1 is a vertical section of the container, showing the bottle in dotted lines.

Fig. 2 is an enlarged fragmentary sectional view taken on line 2—2 of Fig. 1,

Fig. 3 is a horizontal sectional view taken on line 3—3 of Fig. 1, and

Fig. 4 is a perspective of the inner lining of the container.

Referring now more particularly to the several views and for the moment to Fig. 1, there is shown the container **1**, which is preferably made of plastic, closed at the bottom as at **2** and open at the top as at **3**. It is cylindrical in shape and a little over 3 inches in diameter and substantially 10 inches in length. At the top, however, as may be seen in Fig. 2, there is provided on the one side the prong of a snap fastener **4**, while on the other side is the socket **5**, so that this bag or container may be closed when there is a bottle within, as will be mentioned shortly.

Also, there is a strap **6**, as may be seen in Figs. 1 and 2, that is sewed as at **7** to one side of the container **1** and as at **8** to the other side, so that the bag may easily be carried in the hand. In the bottom of this bag or container **1** there may be seen (Fig. 1) a cardboard disk **9** that holds the bag in shape and also acts as a bottom and buffer if the container should be dropped.

Now, removably fitting within the bag or container **1** is a cylinder **10** of foam rubber. This is formed by taking a flat sheet, cutting it to size, and then cementing it as shown at **11** in Fig. 3. This foam rubber cylinder **10** acts as an insulator, at the same time is very light and

pliable, and not only will act as an insualtor but will also act as a buffer or shock absorber in case the container **1** is dropped.

Referring to Fig. 4 for the moment, there is shown a nylon cover **12**, in the form of a tube, open at both ends, and which is a little greater in length than twice the length of the foam rubber insert **10**. This nylon cover **12** is inserted through the foam rubber insulator **10** before the same is placed within the bag **1**, and then is folded back on itself and to slightly overlap, as may be seen, at **13**. This nylon cover **12** not only protects and keeps the foam rubber **10** sanitary but it also assists in the insulation properties for the bottle that is to be inserted.

Furthermore, this nylon cover **12** may easily be withdrawn from the rubber insulator **10** after the rubber insulator **10** is removed from the bag **1**, and then laundered or washed in case there is any milk or other liquid, such as formula, that has been spilled on the cover **12**.

After the bottle **14** with its warm or heated formula is placed within the container **1**, I place another cardboard disk **15** on top of the bottle **14**, as may be seen in Figs. 1 and 2, and then the snap fasteners **4** and **5** are closed so that there is no possibility of the bottle dropping out of the container **1**, even though the container be held upside down.

It will also be understood, although it is not shown, that if the baby wants to nurse from the bottle when it is lying on a pillow, the foam rubber insulator **10**, together with its nylon cover **12**, may be partially withdrawn from the bag **1** and the foam rubber **10** and the container **1** may then rest on the pillow, which will hold the bottle up a little from the pillow, so that the baby can take the formula from the bottle in its thus-supported position.

I have found in actual practice that a bottle that is filled with a warm formula will keep the contents warm for three or four hours; and, of course, if the bottle should be filled with cold orange juice, it will keep cold for a longer time.

The foam rubber insulator **10**, as heretofore mentioned, is extremely light in weight, forms a good insulator, and, if it is necessary to wash the foam rubber **10**, it is but a matter of a moment to fold back the nylon cover **12**, pull it out of the foam rubber insulator **10** and then wash off the foam rubber insulator.

The entire container, without the bottle, weighs a little less than 4 ounces and can easily be carried in the one hand; and even though it is knocked around or subjected to shocks, there is no danger of the bottle breaking.

Finally, the container is one that is relatively cheap to manufacture and the parts are easily assembled.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

A container for a baby's bottle, including a plastic bag, cylindrical in shape, closed at its bottom and open at its top; a handle for the same; means for closing the top of the container; a cylindrical disk in the bottom of the bag; a foam rubber cylinder removably fitting within the bag and acting as an insulator, the length of the cylinder being somewhat shorter than the length of the bag; a nylon covering, tubular in form and open at both ends and slightly greater in length than twice the length of the insulator and threaded within the insulator and turned back on itself, so that the edges slightly overlap; and a disk fitted over the top of the insulator, similar to the disk in the bottom of the bag.

No references cited.