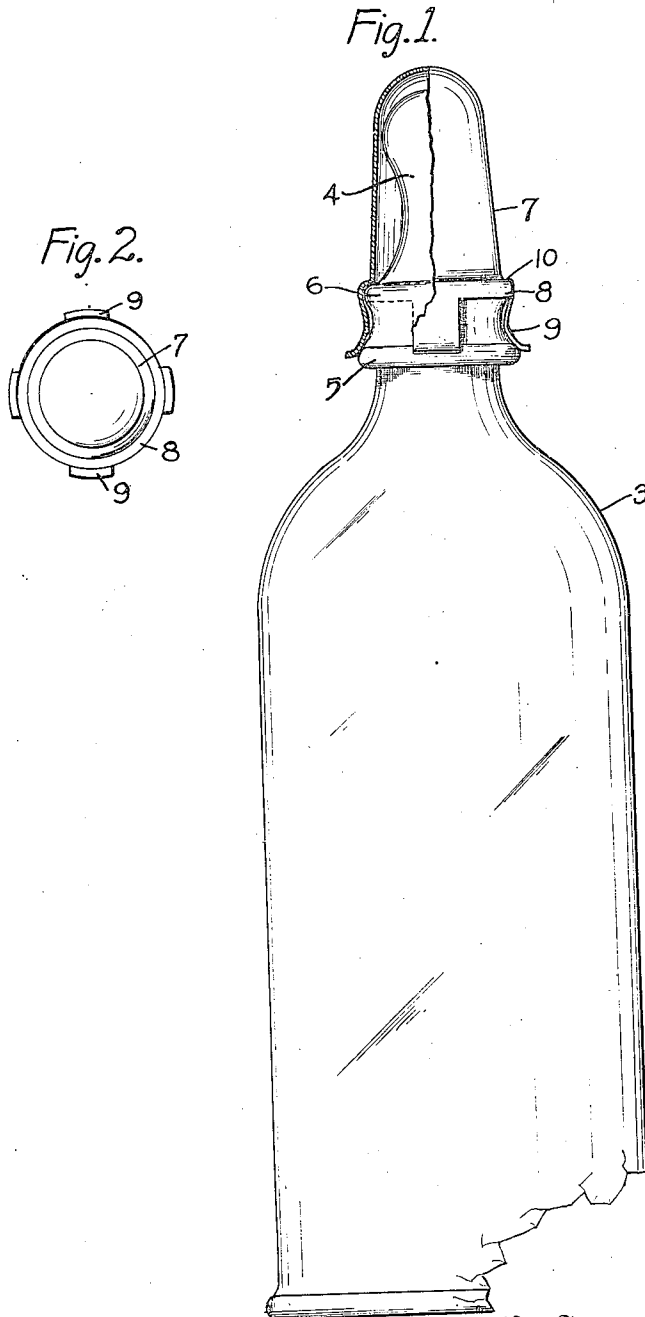


G. M. MARR.
SANITARY CAP.
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1,425,532.

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SANITARY CAP.

1,425,532.

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To all whom it may concern:

Be it known that I, GEORGE M. MARR, a citizen of the United States, and resident of borough of Brooklyn, county of Kings, State of New York, have invented certain new and useful Improvements in Sanitary Caps.

The object of this invention is to provide a sanitary cap for the nipple of a nursing bottle and one that may be placed over the nipple during such time as the bottle is not in use, or in the process of feeding.

The principal object of this invention is to provide a readily attachable and detachable cap, one that will be air, dust and leak-proof and that will prevent the contents of the bottle from leaking regardless of the position in which the bottle may be placed and will so enclose the nipple that germs or foreign matter cannot reach the nipple when the cap is in place.

Another important object is to provide a device cheap in construction and easy of operation and one that can be thoroughly sterilized after each operation or at any time, and with these objects in view the following is what I consider a good means of carrying out the invention and the accompanying drawings should be referred to for a complete understanding of the specification which follows.

In the drawing:

Fig. 1 shows in elevation partly in section a cap in operative position.

Fig. 2 is an end elevation of the cap.

Similar reference numerals indicate like parts in all the figures where they appear.

In Figure 1, the nursing bottle is indicated at 3. The bottle may obviously be of any shape or size as the particular shape or size of the bottle performs no especial function in relation to my device. The nipple 4, is of rubber and may also be of a standard shape or size and these nipples are usually provided with an enlarged portion or flange 5 adapted to engage and to secure the nipple upon the neck of the bottle. The bottle itself is provided with a flange 6 at the mouth thereof and the flange distorts the nipple when the nipple is in place on the bottle.

The cap 7 is formed with a somewhat

conical body portion and an enlarged annular portion or flange 8 formed integral therewith. This flange produces what is commonly called a petticoat adapted to extend downwardly over the projection of the bottle and the nipple thereon and formed integral with the flange or petticoat 8, are fingers 9 which are bent slightly inwardly and then upward to provide engaging means adapted to engage under the projection 6 of the bottle and to secure the cap in position. I prefer that the material employed in the construction of my cap should be sheet aluminum, but any other suitable material may be utilized. The material should, however, have some spring or elasticity to allow it to be engaged and disengaged readily. The number of fingers or projections 9 may be varied but I have shown four such projections and I have given to these projections considerable area so that they will not cut the rubber of the nipple when being placed upon or removed from the bottle. I call particular attention to the size and dimensions of the petticoat 8 which should not extend beyond the portion 6 of the bottle. I also call particular attention to the fact that the upwardly bent portion 10 and the petticoat 8 bear upon the nipple and upon the bottle through the nipple, thus the nipple does serve as an efficient gasket between the cap and bottle, sealing the nipple in place. The shape and relative position of the springs 9 snapping over the projection 6 assures that the cap will be held firmly upon the gasket formed by the body of the nipple.

Obviously the shape and size of my device may be changed at will and other modifications may be made without departing from the principle or sacrificing the advantages of the invention.

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

1. A sanitary cap for bottle nipples having a plurality of projections from the open end thereof adapted to temporarily engage the nipple and to secure the cap thereon.
2. The combination with a bottle and a nipple thereon and a cap having a flanged

portion and resilient securing means adapted to retain said flanged portion upon the gasket formed by said nipple.

3. The combination with a nursing bottle
5 and a nipple thereon, a cap having a body portion adapted to surround said nipple, an enlarged and flanged portion adapted to sur-

round the mouth of the bottle, a plurality of projections adapted to engage under the mouth of the bottle and to secure said en- 10
larged portion upon the gasket formed by the nipple and enlarged portion of the bottle herein set forth.

GEORGE M. MARR.