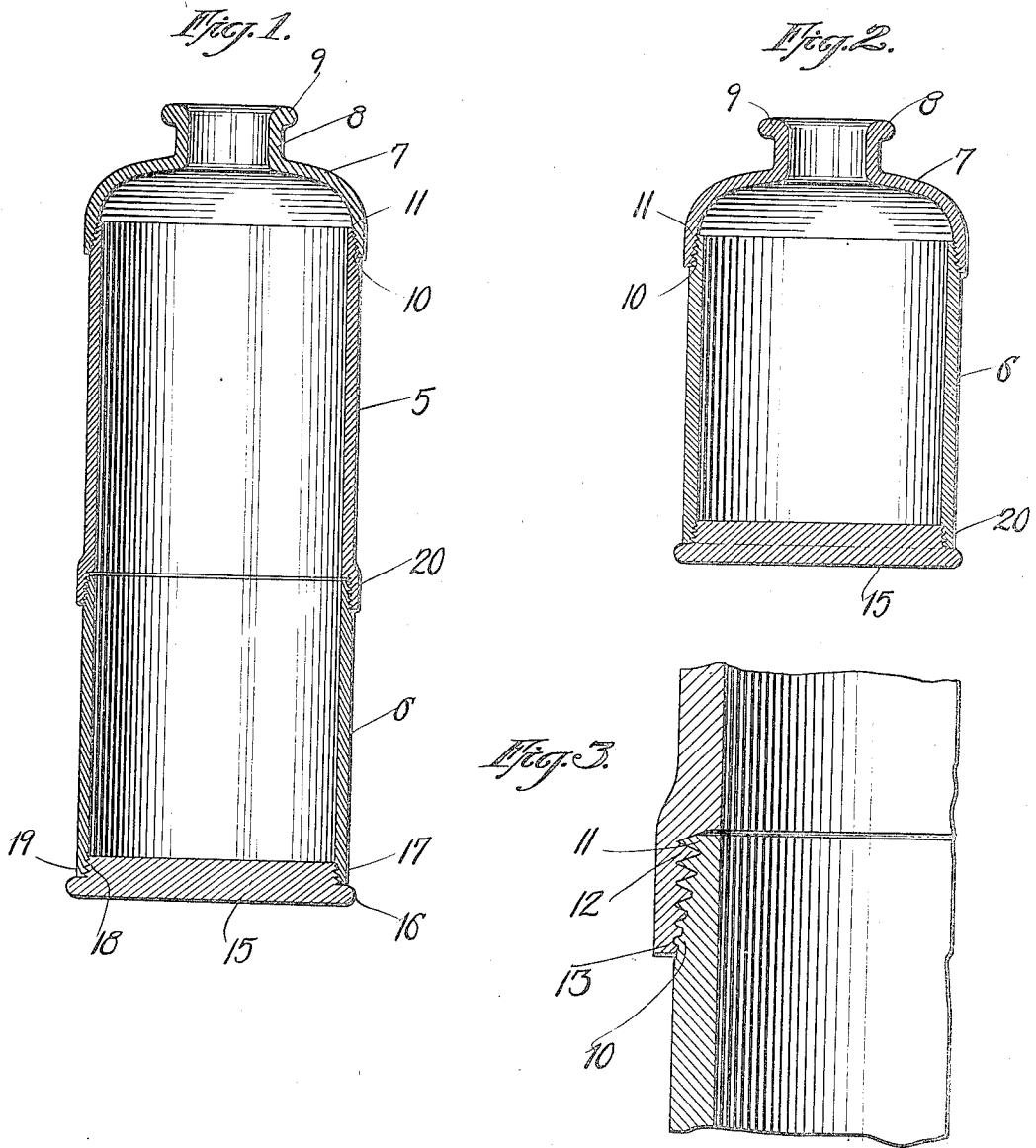


J. TIBBATS,
METALLIC NURSING BOTTLE,
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METALLIC NURSING BOTTLE.

Application filed February 21, 1922. Serial No. 538,150.

To all whom it may concern:

Be it known that I, JAMES TIBBATS, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Metallic Nursing Bottles, of which the following is a specification.

This invention relates to metallic receptacles or containers and more particularly to a novel and improved nursing bottle wherein the parts are so assembled as to permit ready access to the interior of the bottle so that the same may be properly cleansed without the necessity of sterilization.

So far as I am aware nursing bottles and similar containers have been for the most part constructed of glass and the objection found has been that access cannot be readily had to the interior of the bottle to permit of its cleansing and the removal of the milk curd and any impurities, consequently requiring sterilization of the bottle. The consequent breaking of the bottle during the sterilization process as well as the trouble and annoyance necessary has always been an objectionable feature with a glass container and of course unless the glass container is in some way protected when being used by children, they are easily broken when dropped.

My invention therefore comprises a metallic container preferably of aluminum ware wherein the head or cap may be removed so that access can be had to the interior of the container to permit of its proper cleansing including provision whereby the cap or head may be used on a large or small bottle as desired.

With these and other objects in view the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawing, and pointed out in the subject matter being claimed, it being understood that various changes in the form, proportion and size and minor details of construction may be resorted to without departing from the spirit and scope of the invention.

In the drawings, Figure 1 is a vertical sectional view showing the assembled bottle.

Figure 2 is a similar view showing one of the sections removed.

Figure 3 is a detailed sectional view showing the threaded connection between the respective sections of the bottle.

Referring now to the drawings wherein

like reference characters designate corresponding parts throughout the several views, 5 designates the upper cylindrical section and 6 the lower cylindrical section of a nursing bottle which sections are preferably constructed of metal such as aluminum ware or the like, of substantial thickness. The cap 7 or top of the receptacle is provided with a reduced neck 8 having a top flange or bead 9 for proper engaging a resilient nipple as readily understood. The extreme upper end of the section 5 is exteriorly threaded, said threads being preferably cut and gradually tapering from a point 10 through the top 11 of the said section so as to be properly engaged by the cut threads on the interior, bottom edge of the cap 7 which as shown taper downwardly from a point 12 to the bottom 13 thereof. By reason of this threaded connection which may be regarded somewhat in the nature of a pipe joint a liquid-tight container may be had when the cap 7 is properly threaded on the extension 5 of the container. The lower section 6 is similar in construction to the upper section 5 so that the cap 7 may be threaded on either of the same when a small sized bottle is desired. Of course the lower edge of the cap 7 and the section 5 somewhat overlap the side wall of the container when the same is assembled, it being of course understood that the drawing shows this as somewhat exaggerated in that the bottle as actually constructed provides for a smooth finish at the connection between the respective sections. The bottom of the bottle is provided with a metallic cover or stopper 15 having a bead 16 thereon which receives the lower end 17 of the lower section 6, said stopper being exteriorly threaded as at 18 for proper engagement with the threaded bottom 19 of the lower section. The stopper of course is of such a width as to be threaded to the lower end 20 of the section 6 when a small sized bottle such as shown in Figure 2 is desired.

It will be readily seen that in the construction of a container of this type, access may be had to each and every part when the same is disassembled and since the cap 7 and bottom or plug 16 may be removed, the shell consisting of the top and bottom sections 5, 6 respectively can be easily cleansed in any manner and any incrustation or dirt observed, so that the same can be removed.

In the accompanying drawings, I have illustrated my invention embodied in one

form by way of example, and which construction has been found to answer to a satisfactory degree the results to be obtained. It would be manifest, however that
5 other forms of embodiment may be adopted, and that the construction may be variously changed and modified by the skilled mechanic without departing from the limits of the invention. Further it will be understood that the invention is not limited to
10 any particular form of construction in the parts, except in so far as such limitations are specified in the subject matter being claimed.

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

20 1. A nursing bottle of the class described comprising a cylindrical shell having exterior and interior cut threads on the top

and bottom respectively, a threaded removable substantially flat bottom for said shell and a cap or head having reversely interior cut threads on the bottom thereof for engagement with the threads on the top of
25 said shell.

2. A nursing bottle of the class described comprising a cylindrical sectional shell having exterior and interior cut threads on the top and bottom respectively of each section,
30 an exteriorly threaded beaded removable substantially flat bottom for said shell, said sections of the shell slightly overlapping when connected, and a cap or head having interior reversely cut, tapering threads for
35 engaging the top threads of either of said sections of the shell.

In testimony whereof I affix my signature.

JAMES TIBBATS. [L.s.]