C. W. LADLEY.

NIPPLE COVER.

APPLICATION FILED JUNE 17, 1911.

1,018,831. Patented Feb. 27, 1912.

Fig. 1.

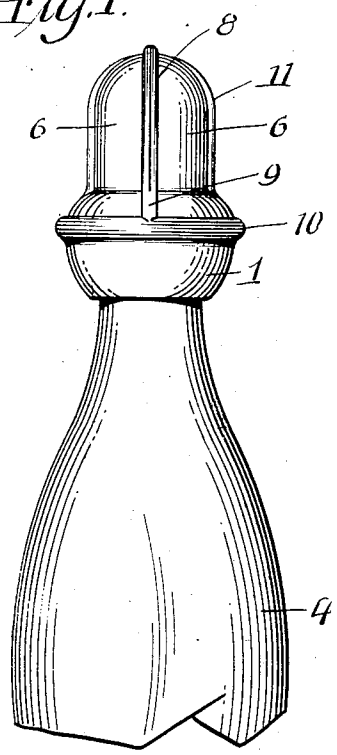


Fig. 2.

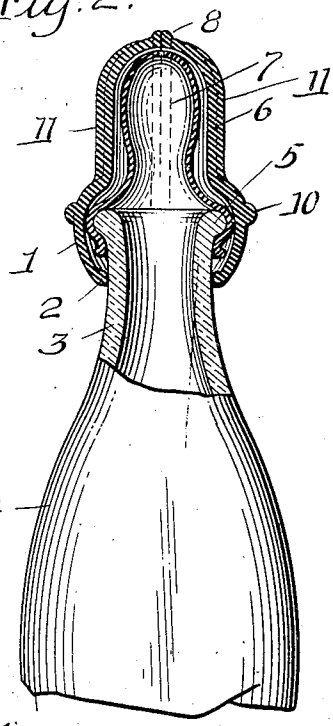


Fig. 4.

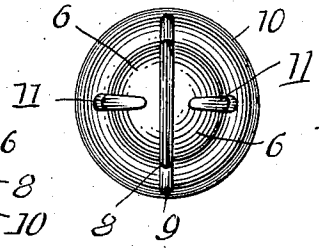


Fig. 5.

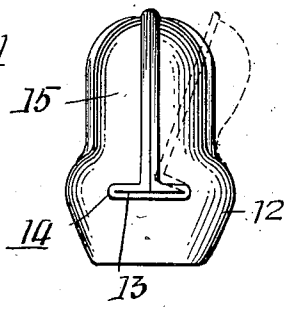
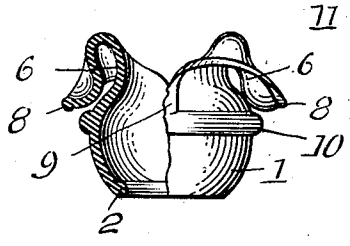


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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NIPPLE-COVER.

1,018,831. Specification of Letters Patent. Patented Feb. 27, 1912.

Application filed June 17, 1911. Serial No. 633,643.

To all whom it may concern:

Be it known that I, CHARLES W. LADLEY, citizen of the United States of America, residing at Ingram, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Nipple-Covers, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to nipple covers and relates more particularly to an improvement upon the invention disclosed in my Patent 976,887, granted November 29th, 1910.

Besides having the same objects in view as disclosed in my prior patent, the present invention aims to provide a normally closed nipple cover that is reinforced to strengthen and add rigidity thereto, whereby the cover can be repeatedly used without any danger of the same tearing or cracking.

A further object of this invention is to provide a nipple cover that conforms more to the requirements of a regulation nursing bottle, the cover having a gripping portion that provides sufficient clearance for the bottle rim and the lower end of a nipple mounted upon the rim.

With these and such other objects in view as may hereinafter appear, the invention resides in the novel construction to be hereinafter specifically described and then claimed.

Reference will now be had to the drawing wherein there is illustrated the preferred embodiments of the invention, though it is to be understood that the structural elements are susceptible to such changes and variations as fall within the scope of the appended claims.

In the drawing:—Figure 1 is a side elevation of the nipple cover as applied to a bottle. Fig. 2 is a vertical sectional view of the same. Fig. 3 is a side elevation of the cover, partly broken away and partly in section, showing the cover in an open position. Fig. 4 is a plan of the cover, and Fig. 5 is a side elevation of a modified form of the cover.

A nipple cover in accordance with this invention comprises a hollow spheroidal body 1 conforming more to an oblate spheroid, said body having the lower edges thereof provided with an annular bead 2 adding rigidity to the lower part of the body and providing a resilient gripping member that is adapted to grip the neck 3 of a bottle 4 below the rim 5 of said neck. Formed integral with the upper edge of the body 1, are semi-cylindrical or semi-dome shaped cover sections 6 adapted to inclose the outer portion of a nipple 7 mounted upon the rim 5 of a bottle neck 3. The confronting edges of the sections 6 are provided with reinforcements or beads 8 having the ends thereof joined, as at 9 and integral with an annular reinforcement or bead 10 arranged circumferentially of the body 1, intermediate the upper and lower edges of said body.

The cover sections 6, intermediate the beads 8, have the outer sides thereof provided with vertical reinforcements or beads 11, the upper ends of the beads gradually merging into the top of the sections and the lower ends of the beads terminating at the upper edge of the body 1. The advantage of this construction is that the sections 6 are normally maintained in a vertical position, said beads restoring the cover sections to their normal position after having been opened by spreading. This is principally due to the beads 11 being placed under greater tension than the beads 8, as best shown in Fig. 3, where it will be observed that the beads 11 are almost doubled upon themselves while the beads 8 retain more of their natural configuration.

In Fig. 5 of the drawing there is illustrated a modification of the invention, wherein the body 1 of the cover is provided with diametrically opposed horizontal slits 13 having the outer edges thereof surrounded by beads 14. The confronting edges of the cover sections 15 end at the slits 13 and in consequence of this construction the cover sections 15 can be swung open and farther apart than the sections 6.

The construction shown in Figs. 1 to 4 inclusively provides a greater degree of stiffness in the nipple cover, a more durable construction and a higher degree of efficiency than obtained by the cover illustrated and described in my prior patent.

What I claim is:—

1. A nipple cover for nursing bottles, comprising an oblate spheroid-shaped hollow body for engagement over the neck of a bottle having a nipple mounted thereon, semi-dome-shaped cover sections carried by the upper edge of said body, a bead arranged circumferentially of said body intermediate the upper and lower edges of the body, and

beads carried by the sections at the confronting edges thereof said beads terminating at the circumferential bead of said body.

2. A nipple cover for nursing bottles, comprising a hollow oblate spheroid-shaped body for engagement over the neck of a bottle having a nipple mounted thereon, a bead carried by the lower edge of the body, a bead arranged circumferentially of said body intermediate the upper and lower edges of the body, cover sections carried by the upper edge of said body, beads carried by the confronting edges of said sections and terminating at the circumferential bead of the body, and vertical beads carried by each section intermediate the vertical edges thereof.

In testimony whereof I affix my signature in the presence of two witnesses.

CHARLES W. LADLEY.

Witnesses:
MAX H. SROLOVITZ,
CHRISTINA T. HOOD.