

M.S. Burr,
Nursing Bottle,
No 68,285, Patented Aug. 27, 1867.

Fig: 1.

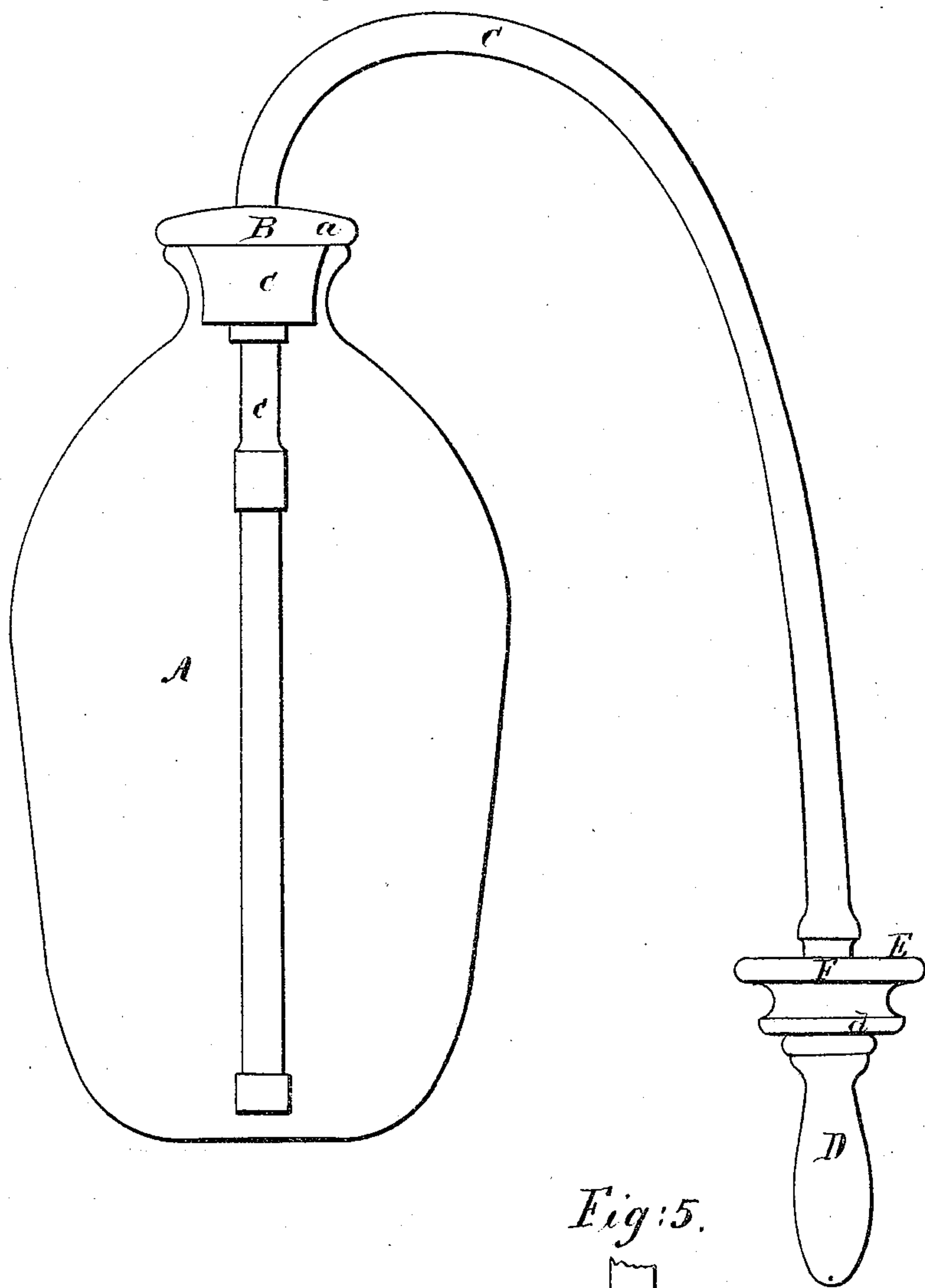


Fig: 2.

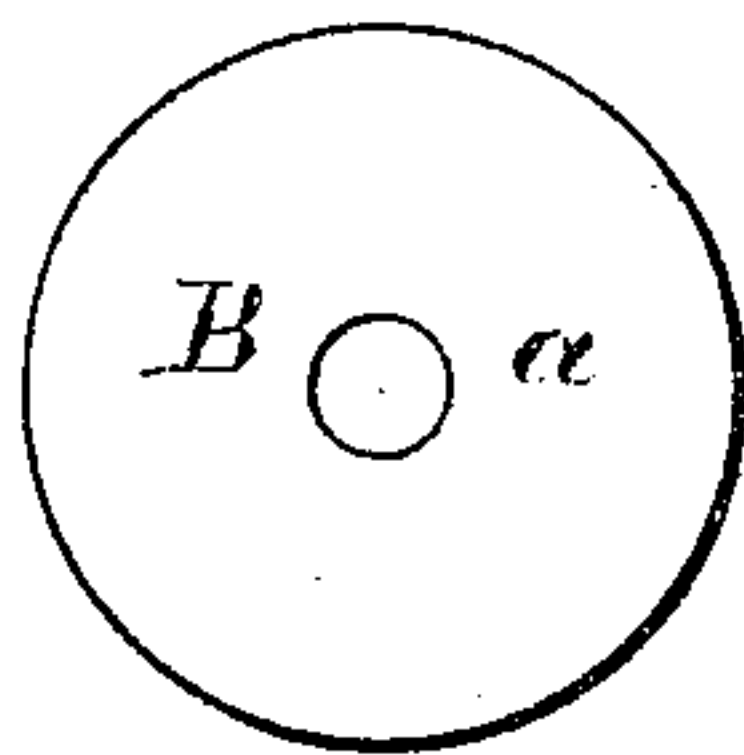


Fig: 3.

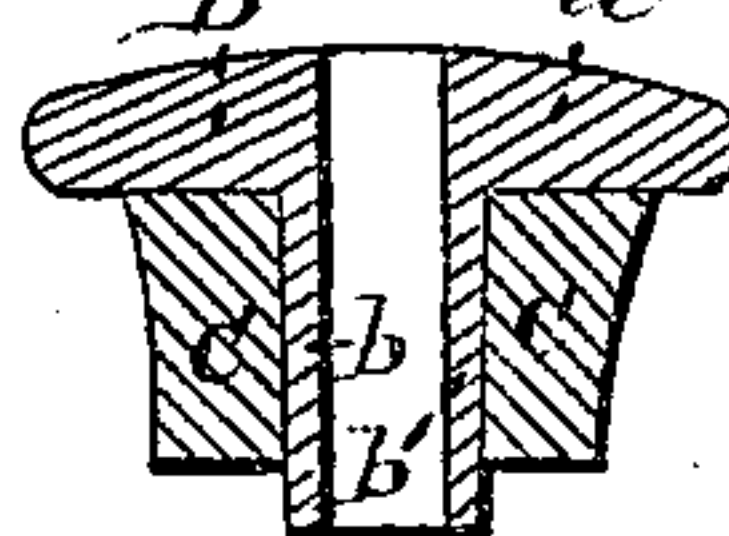


Fig: 4.

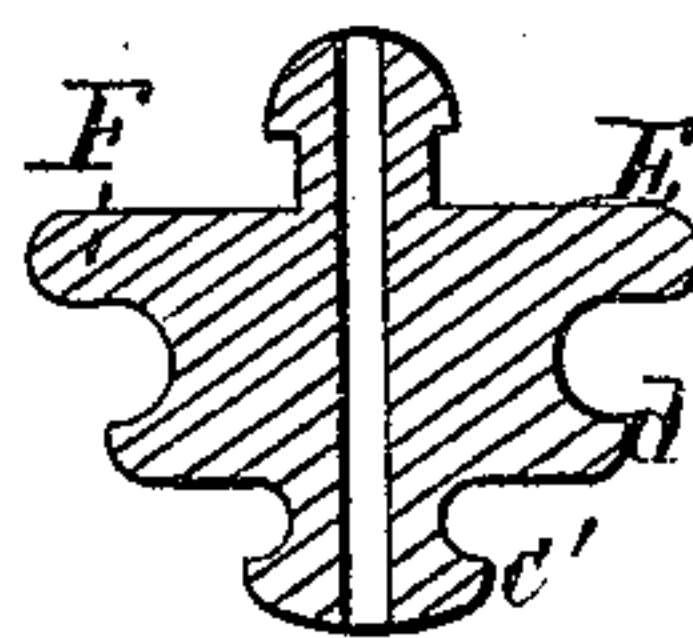
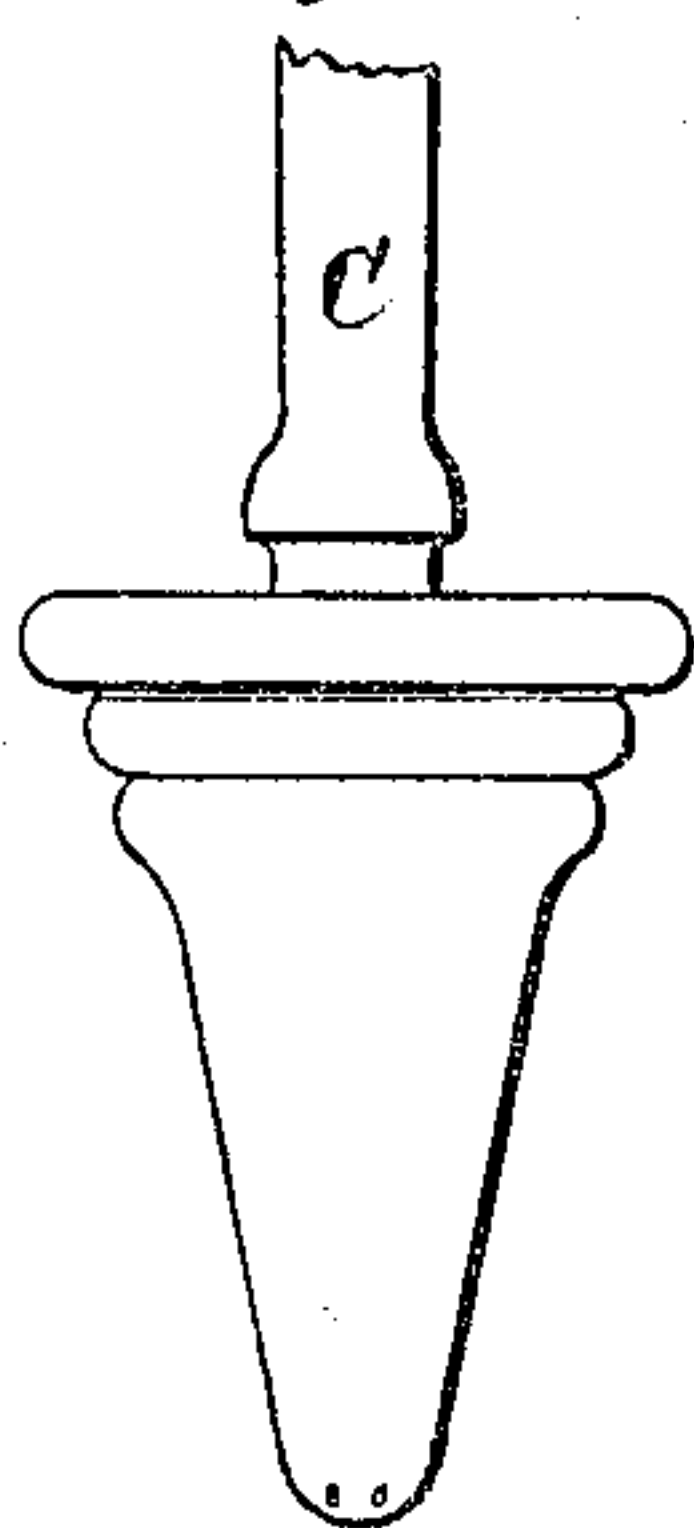


Fig: 5.



Witnesses;

John A. Perry
L. S. Burr

Inventor;

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United States Patent Office.

MILO S. BURR, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 68,285, dated August 27, 1867.

IMPROVED NURSING-BOTTLE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL PERSONS TO WHOM THESE PRESENTS SHALL COME:

Be it known that I, MILO S. BURR, of Boston, in the county of Suffolk, and State of Massachusetts, have made certain new and useful improvements having reference to Nursing-Bottles; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part thereof. Of the said drawings—

Figure 1 denotes a side elevation of a nursing-bottle provided with my invention or improvements.

Figure 2 is a top view of the bottle-stopper, and

Figure 3 a vertical section of it.

Figure 4 is a section of the combined mouth-guard and nipple and tube-connector.

Figure 5 is a view of a portion of the elastic tube, the mouth-guard and connector, with an ordinary nipple applied to its auxiliary shoulder.

The object of my invention is to remedy certain defects incident to nursing-bottles as ordinarily constructed.

In the said drawings, A denotes an ordinary glass bottle provided with a tubular stopper, B, and having a flexible India-rubber tube, C, extending up from the interior of the bottle or milk-reservoir, and going axially through a cylindrical hole made through the said stopper, and being connected at its outer end to one end of an annular flanged connection-piece, E. To the opposite end of the connector an India-rubber nipple, D, is affixed. F is the mouth-guard combined with the nipple and tube-connector, as hereinafter described. It is a fact well known to those conversant with the art to which my invention appertains that much difficulty has been experienced with the stoppers of nursing-bottles as ordinarily constructed, that is, with the cap of the stopper made of a wooden button or disk and the entire shank of cork, such shank being glued to the bottom of the cap or in a socket made therein. Owing to the necessity of the frequent insertion in and withdrawal of the stopper from the mouth of the bottle, the shank of the stopper (fitting, as it must do, tightly to the neck of the bottle) has often been disconnected or torn from the cap portion, and thereby the bottle rendered useless. To obviate this difficulty I form the cap *a* of the stopper of some hard wood or other suitable material, and with a hollow cylindrical shank, *b*, to extend down through the cork or other elastic packing, *c*, as shown in fig. 3, the said cork or packing being glued or cemented to said cap and shank. This peculiar formation of the stopper makes it a very strong, effective, and durable one. The outer end of the flexible tube C I affix to one extremity of a wooden or other suitable connection-piece, E, and to the other extremity I attach the nipple D, as seen in *w*, fig. 1. Instead of making this connection-piece as a plain cylinder, and with an annular shoulder on each of its ends, and forming the mouth-guard in a separate piece, I construct the said connection-piece and the mouth-guard or shield F, in one piece, such shield being to rest against the lips of a child, and to maintain the nipple in its proper position in its mouth. This combined guard and connector I also form with two annular shoulders, *c'* *d*, on or near its outer end, as seen in fig. 4. One of these shoulders, viz, *d*, I make of about double the diameter of the other, in order that in case the nipple belonging to the bottle should be lost or rendered unfit for use, and another of the kind could not be had, one of the ordinary form, as shown in fig. 5, could be applied to the shoulder *d*. This peculiar construction of the connection-piece E, viz, with the mouth-guard and the auxiliary shoulder *d* in one piece, possesses several important advantages, as it not only prevents the guard from being lost off the nipple or flexible tube, but retains it always in its proper position. It also oftentimes renders the bottle available when under other circumstances such would not be the case. To the lower end of the said flexible tube C, or the part thereof which projects below the stopper B, I attach a glass tube, and, disposed around its lower end, a narrow annulus of rubber, the same being for the purpose of preventing breakage of the lower end of the glass tube by striking against the interior surface of the bottle. The diameter of the elastic tube C should be equal to or a little greater than that of the hole made through the stopper, in order that there may be a perfectly tight joint between the two. Furthermore, the said flexible tube should be so applied to the said stopper as to be capable of being moved up or down within the same, in order to adjust the end of the glass tube at a proper distance from the bottom of the bottle.

Having described my improved nursing-bottle, what I claim therein is as follows:

I claim the mouth-guard, the tube, and nipple-connection combined, or made of one piece of wood or other suitable material, as set forth.

I also claim the tube and nipple-connection E, provided with the auxiliary shoulder *d*, as and for the purpose set forth.

MILO S. BURR.

Witnesses:

JOHN A. PERRY,

D. G. BURR.