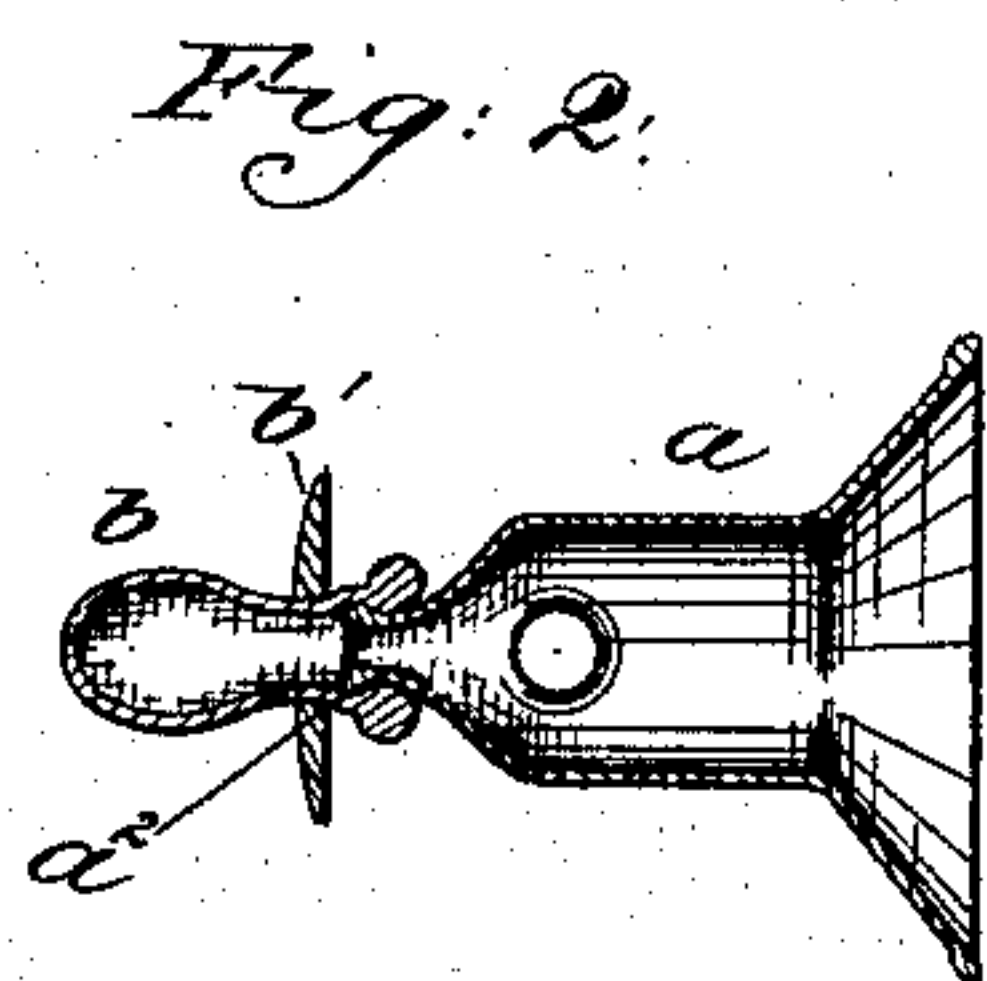
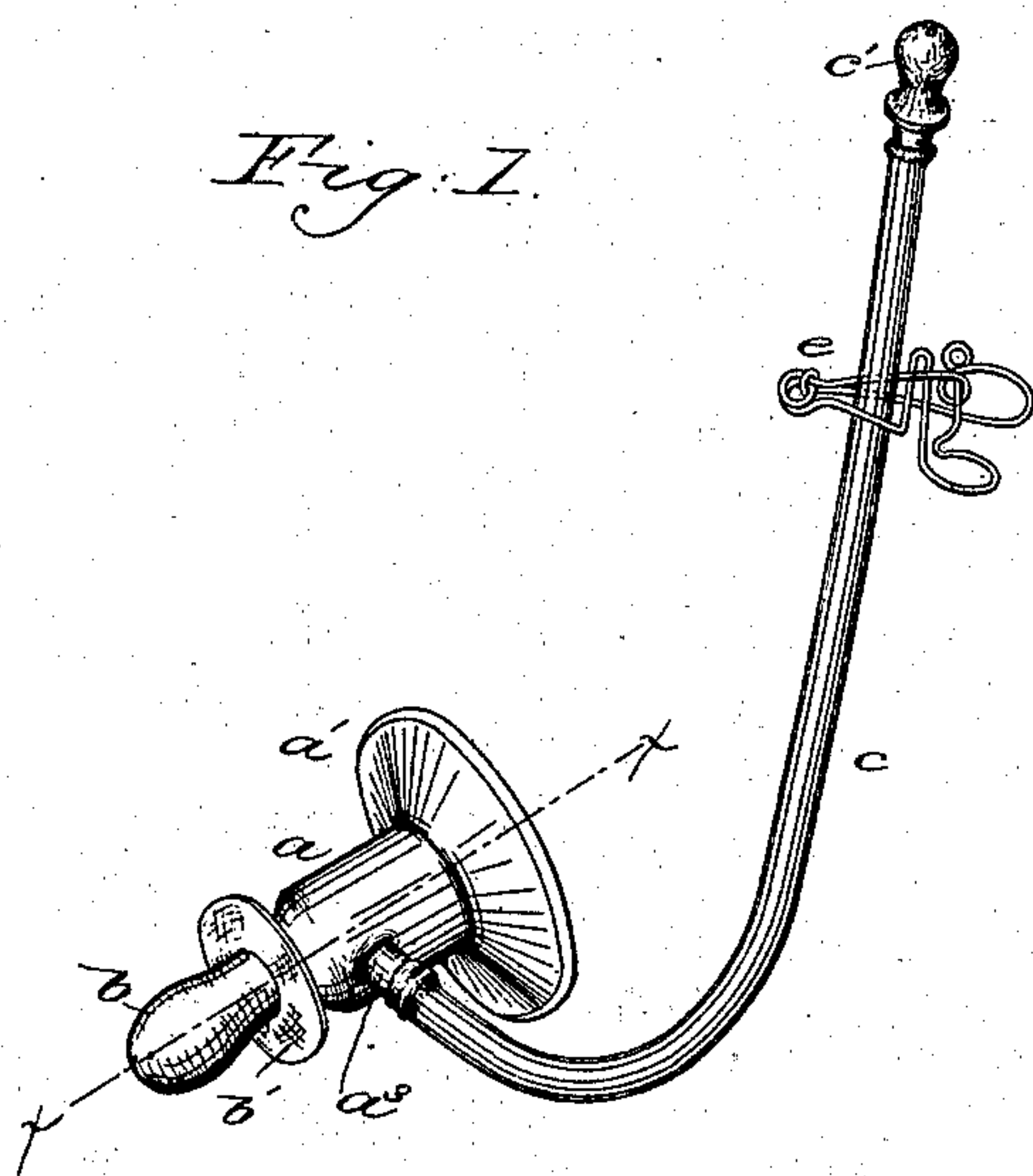


(No Model.)

C. WARE.  
NIPPLE PROTECTOR.

No. 322,508.

Patented July 21, 1885.



Witnesses  
Fred L. Emery  
John F. C. Printker

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# UNITED STATES PATENT OFFICE.

CHARLES WARE, OF NEW YORK, N. Y., ASSIGNOR TO THE DAVIDSON RUBBER COMPANY, OF BOSTON, MASSACHUSETTS.

## NIPPLE-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 322,508, dated July 21, 1885.

Application filed May 13, 1885. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES WARE, of New York city, county, and State, have invented an Improvement in Nipple-Protectors, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

In accordance with my invention a cap or cover composed of glass or other suitable material—such as hard rubber—and adapted to fit over the nipple and come to a bearing upon the breast is provided with two outlets, one to communicate with the india-rubber nipple-piece, and the other with a tube provided with a mouth-piece, the tube being of sufficient length to have its mouth-piece placed in the mother's mouth to exhaust the air from the cap or cover and start the milk into it ready for the child to continue the operation by its mouth on the nipple-piece, the tube at such time being closed or collapsed.

The particular features of my invention will be pointed out in the claims at the end of this specification.

Figure 1 in perspective represents a nipple-protector embodying my invention; Fig. 2, a section in the dotted line  $x x$ .

The cap or cover  $a$ , preferably of glass, has a foot or base,  $a'$ , to rest upon the breast, an outlet surrounded by a projection,  $a^2$ , on which is placed the flexible nipple-piece  $b$ , and a tubular projection,  $a^3$ , which serves as a second outlet, the said projection having secured to it one end of the india-rubber tube  $c$ , supplied at its outer end with a mouth-piece,  $c'$ , which, if placed in the mother's mouth, enables her, while holding the nipple-piece closed against the passage of air, to exhaust the cap or cover and start the flow of the milk, the child thereafter continuing the flow by its mouth upon

the nipple-piece, the mother at such time closing the tube; and for the latter purpose the tube is herein shown as provided with a cut-off,  $e$ , such as made the subject of Letters Patent No. 200,113; but instead of the cut-off applied externally, as shown, it is obvious that the cut-off might be made as a valve placed in the mouth-piece or in the tube to close and prevent the flow of air into the cap or cover from the tube  $c$ .

The nipple-piece is provided with a mouth-guard,  $b'$ , of usual construction.

When traveling, the cap or cover may be applied, the tube  $c$  be led out from the dress, the nipple-piece being closed, so that the child may be permitted to nurse from the tube.

The protector shown is very simple, easily cleansed, is efficient for the purpose intended, and obviates injury to the nipple or pain during the time allowed for nursing.

I claim—

1. The nipple-protector composed of a cap or cover provided with two outlets,  $a^2$   $a^3$ , an attached nipple-piece to co-operate with the outlet  $a^2$ , and a tube to co-operate with the outlet  $a^3$ , the tube connected with the cap or cover between its ends and entering the mouth, to operate substantially as described.

2. The cap or cover for the nipple, and the flexible nipple-piece attached to it, combined with the india-rubber tube  $c$ , its mouth-piece, and a cut-off to prevent the flow of air from the tube into the cap or cover, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES WARE.

Witnesses:

OSCAR H. ROGERS,  
PERCIVAL J. PARRIS.