

No. 635,226.

Patented Oct. 17, 1899.

T. BORCHER.
NIPPLE HOLDER.

(Application filed Oct. 4, 1898.)

(No Model.)

Fig 1

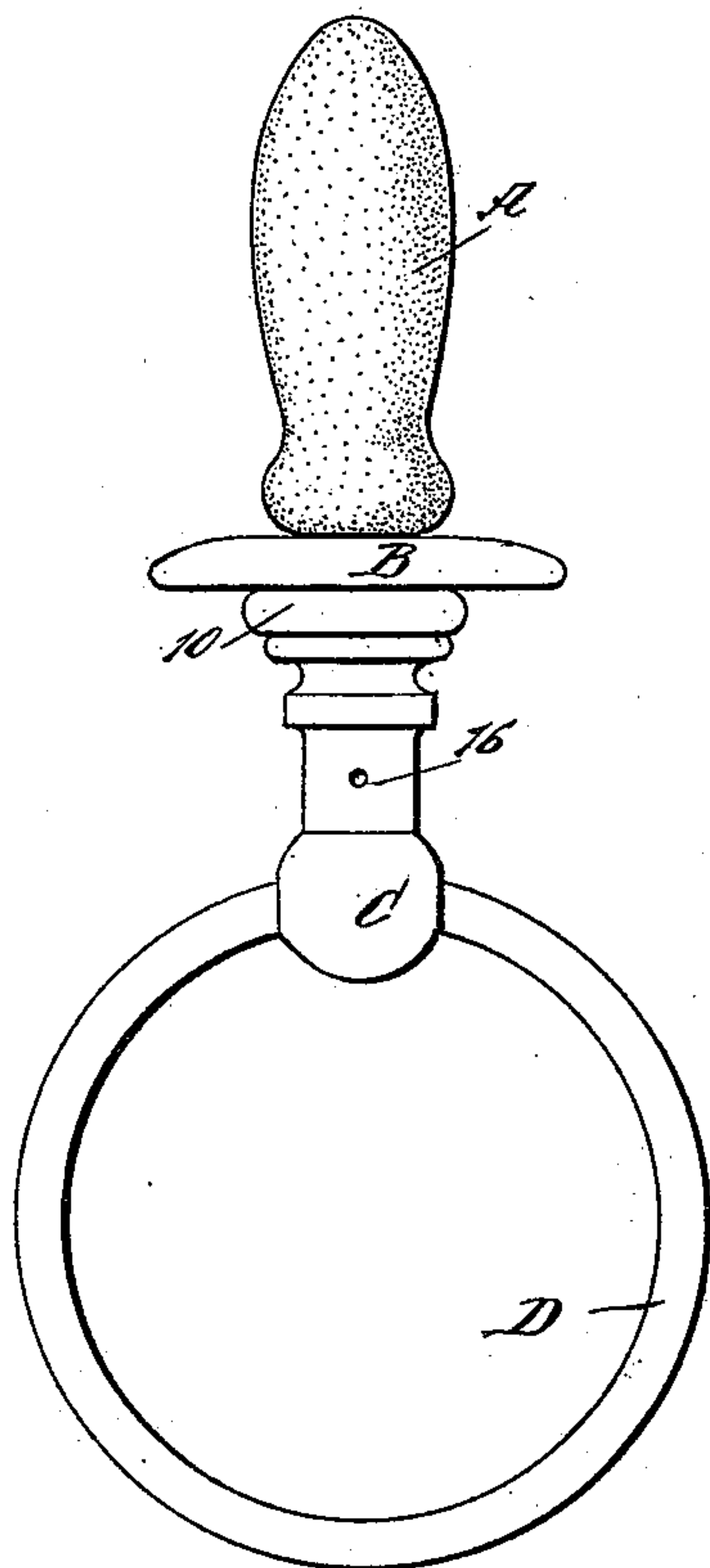


Fig 2

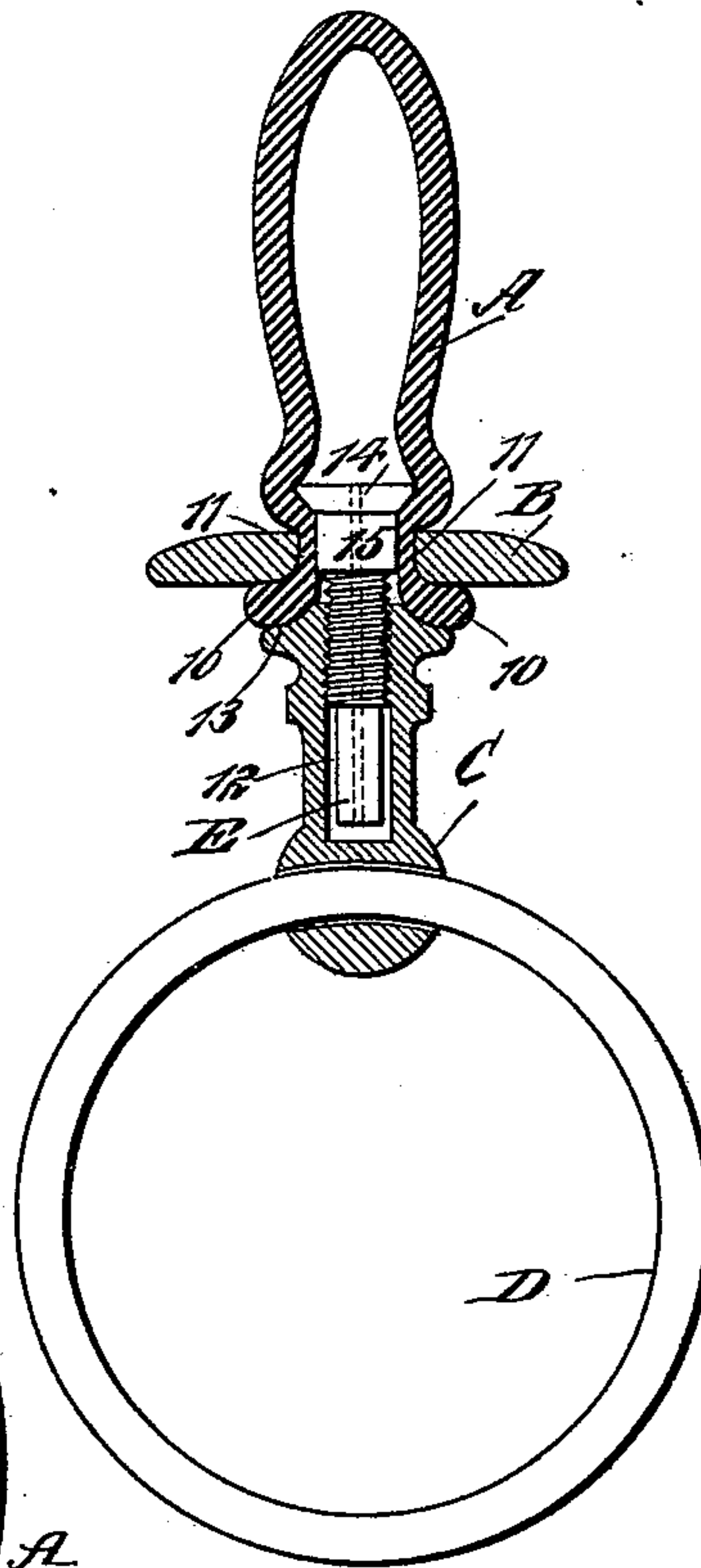
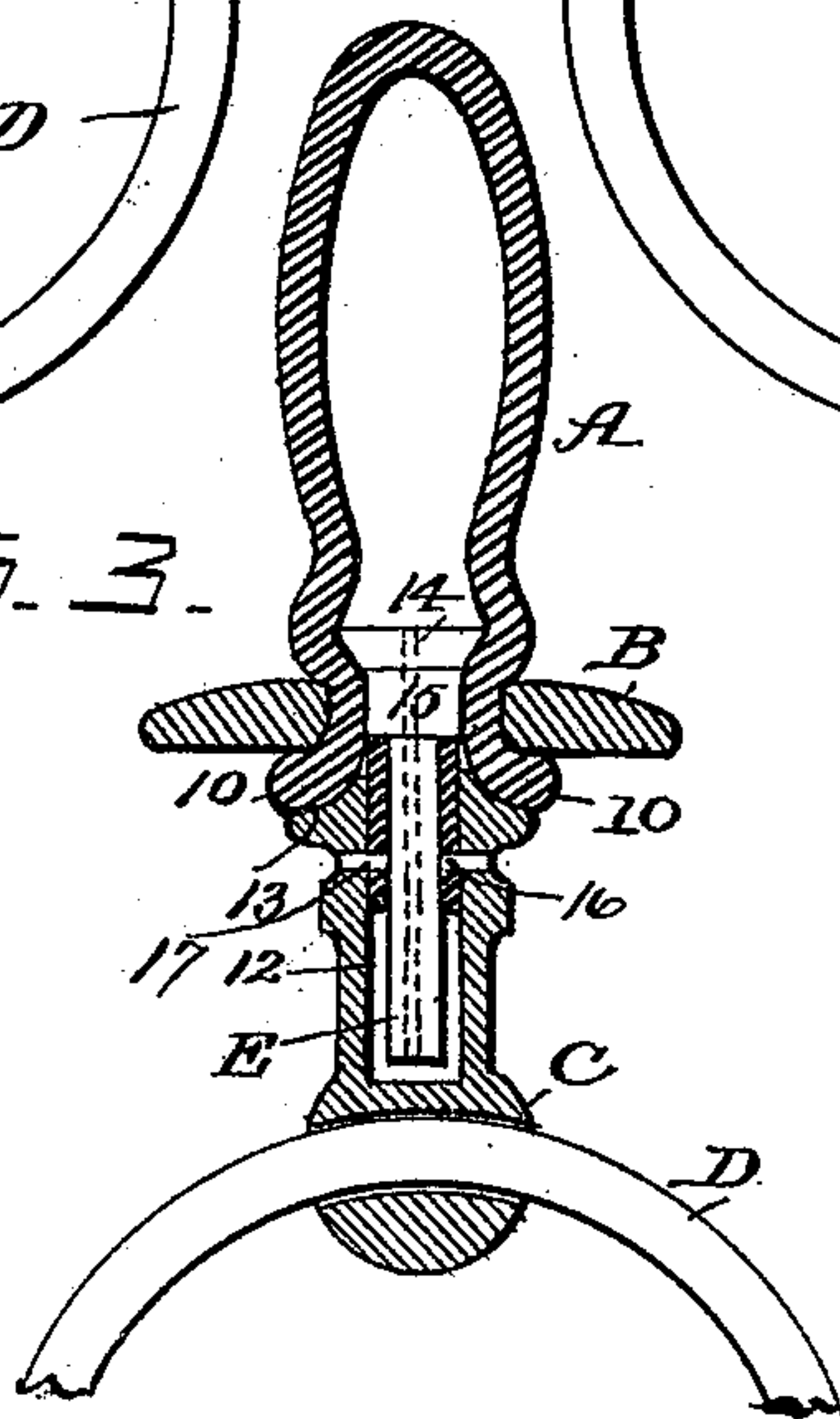


Fig 3



WITNESSES:

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NIPPLE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 635,226, dated October 17, 1899.

Application filed October 4, 1898. Serial No. 692,583. (No model.)

To all whom it may concern:

Be it known that I, THOMAS BORCHER, of Jersey City, in the county of Hudson and State of New Jersey, have invented a new and Improved Nipple-Holder, of which the following is a full, clear, and exact description.

The object of my invention is to provide a holder for blind nipples or nipples that are generally used by teething children and to so construct the said holder that when the nipple is secured thereto the nipple cannot be separated from the holder unless it is purposely removed.

A further object of the invention is to construct a holder of the character above set forth that will be simple, durable, and economic and in connection with which a teething-ring may be used when desired.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of the improved nipple-holder and nipple attached. Fig. 2 is a longitudinal section through the nipple and through the holder; and Fig. 3 is a longitudinal section through the nipple and through the holder, illustrating another manner of securing the binding-pin for the nipple to the holder.

A represents an ordinary nipple, provided with the usual flange 10 at its inlet or inner end, the nipple A being of the hollow type.

B represents a button or shield which is provided with a hole 11, preferably centrally placed, through which the flanged end of the nipple may pass, and the flange 10 of the said nipple after being passed through the opening in the button engages with the under face of the said button, as shown in the drawings.

C represents the holder.

Both the holder and the button may be made of any desired material, and the said holder is provided with a bore or chamber 12, which extends from the upper end of the holder to a point near its inner or rear end, as shown in Fig. 2, and usually the wall of the said chamber at or near the outer end is threaded,

while the upper end of the holder is preferably provided with a concavity 13 around the outlet of the chamber 12, as is also shown in Fig. 2.

In connection with the holder a pin E is used. This pin is adapted to enter the chamber 12 in the holder C, and the said pin is provided with a head 14, larger than the opening in the button B, and a surface 15 below the head which is of slightly-less diameter than the diameter of the said button-opening 11, and when the wall of the chamber 12 is provided with a thread the pin has likewise a threaded surface to mate the thread in said chamber, as shown in Fig. 2. In this manner the pin may be attached to the holder; but the pin may be cemented in the holder or held therein by other means to be hereinafter described.

An air-vent 16 is formed in the holder at any convenient point where it can communicate with the chamber in said holder, and the chamber has communication with the interior of the nipple by way of an opening through the pin E, which pin is made tubular.

D represents a teething-ring which is passed through a suitable opening in the lower portion of the holder C.

In assembling the parts of the device the pin is placed in the nipple before the flange of the nipple is passed through the opening 11 of the button. After the flange of the nipple has been passed through the said opening in the button the pin is worked downward until its head engages with the nipple just above the button and the surface 15 crowds the nipple against the wall of the said button-opening. Next the holder is forced upon the pin until its concaved surface 13 engages with the flange 10 of the nipple to such an extent as to firmly hold the said flange against the under face of the button, and the concavity 13 in the outer end of the holder serves to spread the flange 10 equally when the holder is brought in close contact with the nipple. It is evident that after the nipple has been secured to the holder in the above manner it cannot be accidentally removed by a child or even by an adult, it being necessary for the holder to be purposely disconnected from the pin E before the pin can be removed from the button B.

If desired, the construction may be varied, as shown in Fig. 3, in which the threaded surface of the main pin E may be dispensed with, the pin being secured in the holder by means of cement 16 and an auxiliary locking-pin 17 passed through the main pin and holder; but it is not necessary that the auxiliary pin 17 and the cement-fastening 16 should be used together, since either the cement or the auxiliary pin employed singly will suffice as a securing medium for the main pin E.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination, with a button having an opening therein, and a nipple one end of which is passed through the opening in the button, of a holder provided with a chamber and having its outer end concaved around said chamber, and a pin adapted to enter the nipple and to be secured in the chamber of the holder, the said pin being provided with a head located within the nipple, the head being of greater diameter than the opening in the button, all being arranged for the purpose set forth.

2. The combination with a button having an

opening therein, and a nipple passed through the opening in the button, of a holder provided with a bore or chamber having its outer end threaded, the said holder being arranged for engagement with the open end of the nipple and a tubular pin provided with a head arranged within the nipple above the button, the pin below the head having a threaded surface and adapted to screw into the bore or chamber of the holder, substantially as described.

3. The combination with a button having an opening therein, and a nipple passed through the opening in the button, of a holder provided with a chamber closed at one end, the holder having an air-vent communicating with said chamber, and a tubular pin adapted to enter the nipple and to be secured in the chamber of the holder, the said tubular pin being provided with a head located within the nipple, the chamber of the holder having communication with the interior of the nipple through the tubular pin, substantially as described.

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Witnesses:

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